CURRENT CONDITIONS REPORT

GM POWERTRAIN BEDFORD FACILITY
105 GM DRIVE
BEDFORD, INDIANA

EPA ID# IND006036099

Volume II - Appendix A through E

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APPENDIX C.1

IDNR WATER WELL LOGS

Record of Water Well

Indiana Department of Natural Resources

Reference Number
220931

Driving directions to well
EAST OOLITIC, 1 MILE EAST OF OOLITIC, LOT #30;

Date completed
Thu, Jul 26, 1962

	Name	*Address*	*Telephone*
Owner-Contractor			
Well Owner	WILMA HUBBARD	RRT. #2, BEDFORD,IN.	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	RRT. 6, BOX 13, BEDFORD, IN.	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 100.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 20.5	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test
Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 3.0 gpm for hrs.
Drawdown: ft. *Static water level:* 40.0 ft.

Grouting Information
Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment
Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative
County: LAWRENCE *Township:* 5N *Range:* 1W
Section: NW 1/4 of the SE 1/4 of the NW 1/4 of Section 3 *Topo map:* OOLITIC
Field located by: U *on:* Mon, Jul 01, 1963
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* *Ft E of WL:* 1600 *Ft S of NL:* 2000
Ground elevation: 550.0 *Depth to bedrock:* *Bedrock elevation:* *Aquifier elevation:*
UTM Easting: 542430.0 *UTM Northing:* 4305503.0

Well Log

Top	Bottom	Formation
0.0	5.0	DIRT
5.0	13.0	BLUE LS-HARD
13.0	14.0	OPEN HOLE
14.0	23.0	BLUE LS-HARD
23.0	51.0	GRAY LS-SOFT
51.0	62.0	BLUE SH-SOFT
62.0	79.0	BLUE LS-SOFT
79.0	100.0	BLUE SH-SOFT

Comments

4

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
220852	APP 1 MI N OF BEDFORD IN, 1 BLK W OF PEERLESS RD, KNOWN AS WALNUT HEIGHTS.	Fri, Nov 30, 1962

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	PULLAS CHILDERS CONST	BEDFORD IN	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	BEDFORD IN, RR6	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 200.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:*	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 0.05 gpm for hrs.
Drawdown: ft. *Static water level:* 135.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W
Section: 1/4 of the NW 1/4 of the SW 1/4 of Section 2 *Topo map:* BARTLETTSVILLE
Field located by: *on:*
Courthouse location by: *on:*
Location accepted w/o verification by: U *on:* Mon, Jul 01, 1963
Subdivision name: WALNUT HEIGHT *Lot number:*
Ft W of EL: *Ft N of SL:* *Ft E of WL:* *Ft S of NL:*
Ground elevation: *Depth to bedrock:* *Bedrock elevation:* *Aquifier elevation:*
UTM Easting: *UTM Northing:*

Well Log

Top	Bottom	Formation
0.0	100.0	BLANK
100.0	108.0	BLUE LS HARD
108.0	130.0	GRAY LS SOFT
130.0	200.0	BLUE SHALE

Comments LAWRENCE

Record of Water Well

5

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
220857	BRACKENRIDGE RD, 1 MI N BEDFORD CITY LIMITS.	Thu, Jul 21, 1960

	Name	*Address*	*Telephone*
Owner-Contractor			
Well Owner	JESSIE STIGALL	BEDFORD RR4	
Building Contractor			
Drilling Contractor	PAUL SCOTT	RR4, BLOOMINGTON IN	
Equipment Operator	PAUL SCOTT	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 140.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 6.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test — *Type of test:* — *Test rate:* gpm for hrs. — *BailTest rate:* 1.0 gpm for hrs.
Drawdown: ft. — *Static water level:* ft.

Grouting Information — *Material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Well Abandonment — *Sealing material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Administrative

County: LAWRENCE — *Township:* 5N *Range:* 1W
Section: NE 1/4 of the SW 1/4 of the SW 1/4 of Section 2 — *Topo map:* BARTLETTSVILLE
Field located by: HS — *on:* Fri, Nov 04, 1960
Courthouse location by: — *on:*
Location accepted w/o verification by: — *on:*
Subdivision name: — *Lot number:*
Ft W of EL: — *Ft N of SL:* 1000 — *Ft E of WL:* 1200 — *Ft S of NL:*
Ground elevation: 670.0 — *Depth to bedrock:* — *Bedrock elevation:* — *Aquifier elevation:*
UTM Easting: 543916.0 — *UTM Northing:* 4304789.0

Well Log

Top	Bottom	Formation
0.0	6.0	BLANK
6.0	40.0	RUSTIC BUFF LIME MD
40.0	130.0	BLUE LIME HARD
130.0	140.0	BLUE LIME SOFT

Comments MC

6

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
220862	2 MI N BEDFORD IN, BRECKINRIDGE RD NEAR DIVE SCHOOL HOUSE. BAHR'S HILAND BLK D, LOT 1. N M ST.	Tue, Jan 26, 1960

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	HOWARD ELKINS	RR4, BEDFORD IN	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	RR6, B0X 13, BEDFORD IN	
Equipment Operator	ERNIE UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 150.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:*	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 3.0 gpm for 1.0 hrs.
Drawdown: ft. *Static water level:* 50.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W
Section: SW 1/4 of the SW 1/4 of the SW 1/4 of Section 2 *Topo map:* BARTLETTSVILLE
Field located by: BRUNS *on:* Mon, Aug 01, 1960
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* 50 *Ft E of WL:* 300 *Ft S of NL:*
Ground elevation: 700.0 *Depth to bedrock:* *Bedrock elevation:* *Aquifier elevation:*
UTM Easting: 544039.0 *UTM Northing:* 4304515.0

Well Log

Top	Bottom	Formation
0.0	109.0	BLANK
109.0	150.0	WH LS HARD

Comments

MC;

Record of Water Well

7

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
220867	1 MI N OF IN SR 58 ON MT PLEASANT RD, RR4 BEDFORD IN.	Tue, Sep 10, 1963

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	GUY S. WEVER	RR4, BEDFORD IN	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	BEDFORD IN, RR6	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 250.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 23.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 0.08 gpm for hrs.

Drawdown: ft. *Static water level:* 170.0 ft.

Grouting Information

Material: *Depth:* from to

Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to

Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W

Section: SE 1/4 of the SE 1/4 of the NW 1/4 of Section 1 *Topo map:* BARTLETTSVILLE

Field located by: JCH *on:* Mon, Aug 01, 1966

Courthouse location by: *on:*

Location accepted w/o verification by: *on:*

Subdivision name: *Lot number:*

Ft W of EL: *Ft N of SL:* *Ft E of WL:* 2500 *Ft S of NL:* 2600

Ground elevation: 630.0 *Depth to bedrock:* 5.0 *Bedrock elevation:* 625.0 *Aquifier elevation:*

UTM Easting: 545914.0 *UTM Northing:* 4305331.0

Well Log

Top	Bottom	Formation
0.0	4.0	CIRT
4.0	17.0	BROKEN LS
17.0	39.0	BLUE LS HARD
39.0	55.0	GRAY LS HARD
55.0	250.0	BLUE SHALE SOFT

Comments MC 625;

8

Record of Water Well

Indiana Department of Natural Resources

Reference Number	Driving directions to well	Date completed
217404	APP. 3MI E OF BEDFORD, IND. ON US HIGHWAY 58	Sat, Jan 08, 1966

Owner-Contractor	Name	Address	Telephone
Well Owner	NOEL GENE MITCHELL	BEDFORD, IND. R.R. 3	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	BEDFORD, IND. R.R. 6	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 200.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 21.5	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 0.5 gpm for hrs.
Drawdown: ft. *Static water level:* 90.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1E
Topo map: BARTLETTSVILLE
Section: NW 1/4 of the NW 1/4 of the NW 1/4 of Section 8
Field located by: JGH *on:* Mon, Aug 01, 1966
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* *Ft E of WL:* 500 *Ft S of NL:* 300
Ground elevation: 650.0 *Depth to bedrock:* 20.0 *Bedrock elevation:* 630.0 *Aquifier elevation:*
UTM Easting: 548642.0 *UTM Northing:* 4304412.0

Well Log

Top	Bottom	Formation
0.0	6.0	DIRT
6.0	17.0	BOULDERS & MUD HOLES
17.0	27.0	GRAY LS HARD
27.0	61.0	BLUE LS HARD
61.0	82.0	GRAY LS SOFT
82.0	85.0	BLUE SH SOFT
85.0	103.0	BLUE LS SOFT
103.0	200.0	BLUE SH SOFT

Comments MC630:

9

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217409	3MI NE OF BEDFORD ON SR 58 IT AND FOR NEW HOUSE; TRAILER THERE NOW	Tue, Nov 27, 1962

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	LAWRENCE RAY	R.R. #3 BEDFORD IND	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	BEDFORD IND. R.R. 6	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 100.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 31.5	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test *Type of test:* *Test rate:* gpm for hrs. *BailTest rate:* 0.6 gpm for hrs.
Drawdown: ft. *Static water level:* 45.0 ft.

Grouting Information *Material:* *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment *Sealing material:* *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1E
Section: NE 1/4 of the NE 1/4 of the NW 1/4 of Section 8 *Topo map:* BARTLETTSVILLE
Field located by: UHL *on:* Sat, Jun 01, 1963
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* *Ft E of WL:* 1500 *Ft S of NL:* 150
Ground elevation: 620.0 *Depth to bedrock:* 4.0 *Bedrock elevation:* 616.0 *Aquifer elevation:*
UTM Easting: 548953.0 *UTM Northing:* 4304465.0

Well Log

Top	Bottom	Formation
0.0	4.0	DIRT
4.0	32.0	BLUE LS HARD
32.0	32.2	MUD HOLE
32.5	44.0	BLUE LS HARD
44.0	51.0	GRAY LS SOFT
51.0	70.0	BLUE LS HARD
70.0	100.0	BLUE SH SOFT

Comments MC500

10

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217439	NE OF BEDFORD BETWEEN THE MT. PLEASANT RD & PLEASANT RUN RD	Thu, Sep 15, 1960

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	LOUIS FISH	R.R. 3	
Building Contractor			
Drilling Contractor	FLOYD STULTZ	BEDFORD IND. R.R. 4	
Equipment Operator	FLOYD STULTZ	License:	

Construction Details

Well	*Use:* STOCK	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 125.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 19.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test — *Type of test:* — *Test rate:* gpm for hrs. — *BailTest rate:* 0.33 gpm for 8.0 hrs.
Drawdown: ft. — *Static water level:* 30.0 ft.

Grouting Information — *Material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Well Abandonment — *Sealing material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Administrative

County: LAWRENCE — *Township:* 5N *Range:* 1E
Section: SE 1/4 of the SW 1/4 of the NE 1/4 of Section 6 — *Topo map:* BARTLETTSVILLE
Field located by: H,S — *on:* Fri, Nov 04, 1960
Courthouse location by: — *on:*
Location accepted w/o verification by: — *on:*
Subdivision name: — *Lot number:*
Ft W of EL: 1800 — *Ft N of SL:* 3100 — *Ft E of WL:* — *Ft S of NL:*
Ground elevation: 735.0 — *Depth to bedrock:* 19.0 — *Bedrock elevation:* 716.0 — *Aquifer elevation:*
UTM Easting: 547977.0 — *UTM Northing:* 4305296.0

Well Log

Top	Bottom	Formation
0.0	19.0	CLAY
19.0	125.0	HARD LS

Comments MC715:

Record of Water Well

11

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217429	APPR. 3MI E OF BEDFORD, IND. ON US HIGHWAY #58 N/SIDE OF RD	Thu, Aug 26, 1965

	Name	*Address*	*Telephone*
Owner-Contractor Well Owner	ROBERT WATSON	BEDFORD, IND.	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	BEDFORD, IND. R.R. 6	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 200.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 12.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 0.5 gpm for hrs.
Drawdown: ft. *Static water level:* 40.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1E
Section: SE 1/4 of the NE 1/4 of the NE 1/4 of Section 7 *Topo map:* BARTLETTSVILLE
Field located by: JUH *on:* Mon, Aug 01, 1966
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: 400 *Ft N of SL:* *Ft E of WL:* *Ft S of NL:* 700
Ground elevation: 630.0 *Depth to bedrock:* 5.0 *Bedrock elevation:* 625.0 *Aquifier elevation:*
UTM Easting: 548374.0 *UTM Northing:* 4304308.0

Well Log

Top	Bottom	Formation
0.0	7.0	DIRT
7.0	14.0	LS BOULDERS
14.0	31.0	GRAY LS HARD
31.0	50.0	BR LS SOFT
50.0	89.0	GRAY LS HARD
89.0	125.0	BLUE LS HARD
125.0	200.0	BLUE SH SOFT

Comments MC625:

12

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217424	3MI E OF BEDFORD ON SR 58	Wed, Jul 17, 1963

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	JERRY NEAL	1321 5TH STREET, BEDFORD, IND.	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	BEDFORD IND. R.R. 6	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 200.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 16.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 1.0 gpm for hrs.
Drawdown: ft. *Static water level:* 50.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1E
Section: NE 1/4 of the NE 1/4 of the NE 1/4 of Section 7 *Topo map:* BARTLETTSVILLE
Field located by: JLH *on:* Mon, Aug 01, 1966
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: 200 *Ft N of SL:* *Ft E of WL:* *Ft S of NL:* 600
Ground elevation: 650.0 *Depth to bedrock:* 10.0 *Bedrock elevation:* 640.0 *Aquifier elevation:*
UTM Easting: 548420.0 *UTM Northing:* 4304326.0

Well Log

Top	Bottom	Formation
0.0	8.0	DIRT
8.0	12.0	LS BOULDERS HARD
12.0	34.0	WH LS SOFT
34.0	78.0	BLUE LS HARD
78.0	83.0	GRAY LS HARD
83.0	107.0	BLUE LS HARD
107.0	200.0	BLUE SH SOFT

Comments MC640:

13

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217419	LOCATED NEAR SR58E OF BEDFORD ABOUT 1.5MI E OF CITY LIMITS BED-BARTLITSVILLE RD	Thu, Jul 16, 1959

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	HARRY E.	R.R. #3 BEDFORD IND.	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	R.R. 6 BOX 13 BEDFORD IND	
Equipment Operator	ERNIE UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 155.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 11.83	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test — *Type of test:* — *Test rate:* gpm for hrs. — *BailTest rate:* 0.4 gpm for 1.0 hrs.
Drawdown: ft. — *Static water level:* 46.0 ft.

Grouting Information — *Material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Well Abandonment — *Sealing material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Administrative

County: LAWRENCE — *Township:* 5N *Range:* 1E
Section: SW 1/4 of the NE 1/4 of the NE 1/4 of Section 7 — *Topo map:* BARTLETTSVILLE
Field located by: BARNES — *on:* Mon, Aug 01, 1960
Courthouse location by: — *on:*
Location accepted w/o verification by: — *on:*
Subdivision name: — *Lot number:*
Ft W of EL: 1100 — *Ft N of SL:* — *Ft E of WL:* — *Ft S of NL:* 1100
Ground elevation: 680.0 — *Depth to bedrock:* 6.0 — *Bedrock elevation:* 674.0 — *Aquifer elevation:*
UTM Easting: 548165.0 — *UTM Northing:* 4304180.0

Well Log

Top	Bottom	Formation
0.0	6.0	DIRT
6.0	8.0	HARD SHELLIE LIME WH
8.0	115.0	WH LIME HARD
115.0	137.0	BLUE LIME HARD
137.0	155.0	BLUE SH SOFT

Comments MC675; LOC ACCEPTED W/O VERIF.:NO;

16

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
220872	3 MI NE OF BEDFORD IN, ON RR4.	Thu, Dec 10, 1959

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	DONALD FISH	BEDFORD RR4	
Building Contractor			
Drilling Contractor	FLOYD STULTZ	BEDFORD IN, RR4	
Equipment Operator	FLOYD STULTZ	License:	

Construction Details

Well	*Use:* STOCK	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 70.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 14.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* gpm for 8.0 hrs.
Drawdown: ft. *Static water level:* ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W
Section: SE 1/4 of the NE 1/4 of the SE 1/4 of Section 1 *Topo map:* BARTLETTSVILLE
Field located by: BRUNS *on:* Mon, Aug 01, 1960
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: 600 *Ft N of SL:* 1950 *Ft E of WL:* *Ft S of NL:*
Ground elevation: 700.0 *Depth to bedrock:* *Bedrock elevation:* *Aquifier elevation:*
UTM Easting: 546567.0 *UTM Northing:* 4305114.0

Well Log

Top	Bottom	Formation
0.0	14.0	14' CLAY
14.0	70.0	56' LS

Comments MC 690;

17

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217905	W OF BEDFORD 1 MI. 1.25 MI S ON WILLIAMS RD, E SIDE.	Sat, Sep 25, 1965

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	GORDEN LEE HAMILTON	BEDFORD RR	
Building Contractor			
Drilling Contractor	ROY E ALFORD	MITCHELL RR1	
Equipment Operator	ROY E ALFORD	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 150.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 39.5	*Material:*	*Diameter:* 6.25
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test — *Type of test:* — *Test rate:* gpm for hrs. — *BailTest rate:* 1.0 gpm for hrs. — *Drawdown:* ft. — *Static water level:* 70.0 ft.

Grouting Information — *Material:* — *Depth:* from to — *Installation Method:* — *Number of bags used:*

Well Abandonment — *Sealing material:* — *Depth:* from to — *Installation Method:* — *Number of bags used:*

Administrative

County: LAWRENCE — *Township:* 5N *Range:* 1W

Section: NW 1/4 of the SW 1/4 of the NE 1/4 of Section 21 — *Topo map:* BEDFORD WEST

Field located by: JCH — *on:* Mon, Aug 01, 1966

Courthouse location by: — *on:*

Location accepted w/o verification by: — *on:*

Subdivision name: — *Lot number:*

Ft W of EL: 2500 — *Ft N of SL:* — *Ft E of WL:* — *Ft S of NL:* 1900

Ground elevation: 650.0 — *Depth to bedrock:* 39.0 — *Bedrock elevation:* 611.0 — *Aquifer elevation:*

UTM Easting: 541146.0 — *UTM Northing:* 4300669.0

Well Log

Top	Bottom	Formation
0.0	39.0	SOIL & CLAY FEW BOULDERS
39.0	100.0	GREY LIME
100.0	150.0	WH LIME

Comments MC 610;

18

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217900	FROM BEDFORD GOING W ON 16TH ST TURN LEFT ON 450. GO APPROX. .5 MI TURN ELFT AT 2ND CURVE	Mon, Dec 09, 1963

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	GENE BEX		
Building Contractor			
Drilling Contractor	LOUIE O. SMITH	R1 BEDFORD	
Equipment Operator	LOUIE O. SMITH	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 170.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 48.0	*Material:*	*Diameter:* 6.25
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test — *Type of test:* — *Test rate:* gpm for hrs. — *BailTest rate:* 5.0 gpm for 2.0 hrs.
Drawdown: ft. — *Static water level:* 95.0 ft.

Grouting Information — *Material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Well Abandonment — *Sealing material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Administrative

County: LAWRENCE — *Township:* 5N *Range:* 1W
Section: SW 1/4 of the SW 1/4 of the NE 1/4 of Section 21 — *Topo map:* BEDFORD WEST
Field located by: JVH — *on:* Mon, Aug 01, 1966
Courthouse location by: — *on:*
Location accepted w/o verification by: — *on:*
Subdivision name: — *Lot number:*
Ft W of EL: 2500 — *Ft N of SL:* — *Ft E of WL:* — *Ft S of NL:* 2100
Ground elevation: 660.0 — *Depth to bedrock:* 25.0 — *Bedrock elevation:* 635.0 — *Aquifier elevation:*
UTM Easting: 541182.0 — *UTM Northing:* 4300566.0

Well Log

Top	Bottom	Formation
0.0	20.0	RED CLAY
20.0	25.0	BROWN CLAY
25.0	27.0	SHELL
27.0	29.0	HARD LIME
29.0	30.0	BLANK
30.0	40.0	LIME
40.0	41.0	BROKEN
41.0	60.0	HARD LIME
60.0	125.0	MED LIME WHITE
125.0	130.0	HARD LIME
130.0	170.0	LS

Comments MC635

Record of Water Well

19

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217895	FROM BEDFORD GOING ABOUT 2 MI TURN L ON 450, GO ABOUT .5 MI TO BES LOTS. WILL BE 4TH HOUSE ON R.	Wed, May 15, 1963

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	GLEN CRAIG	BEDFORD	
Building Contractor			
Drilling Contractor	LOUIE O. SMITH	R#1, BEDFORD	
Equipment Operator	LOUIE O. SMITH	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 175.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 52.0	*Material:*	*Diameter:* 6.25
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test — *Type of test:* — *Test rate:* gpm for hrs. — *BailTest rate:* 2.0 gpm for 2.0 hrs.
Drawdown: ft. — *Static water level:* 125.0 ft.

Grouting Information — *Material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Well Abandonment — *Sealing material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Administrative

County: LAWRENCE — *Township:* 5N *Range:* 1W
Section: SE 1/4 of the SW 1/4 of the NE 1/4 of Section 21 — *Topo map:* BEDFORD WEST
Field located by: PW — *on:* Tue, Aug 17, 1971
Courthouse location by: — *on:*
Location accepted w/o verification by: — *on:*
Subdivision name: — *Lot number:*
Ft W of EL: 1800 — *Ft N of SL:* — *Ft E of WL:* — *Ft S of NL:* 2150
Ground elevation: 670.0 — *Depth to bedrock:* 22.0 — *Bedrock elevation:* 648.0 — *Aquifer elevation:*
UTM Easting: 541371.0 — *UTM Northing:* 4300572.0

Well Log

Top	Bottom	Formation
0.0	20.0	CLAY
20.0	22.0	BR CLAY
22.0	30.0	SHELL
30.0	47.0	HARD LIME
47.0	52.0	SOFT
52.0	85.0	HARD LIME
85.0	165.0	MD LIME
165.0	175.0	HARD LIME

Comments MC 650; VERIFIED BY OWNER;

Record of Water Well

20

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217885	FROM BEDFORD GOING WEST ON 16TH TURN LEFT ON 450 GO APPROX. .25 MI 1ST RD LEFT (BEX EDITION)	Fri, Jun 19, 1970

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	WARREN WILMAN	R1 BEDFORD	
Building Contractor			
Drilling Contractor	LOUIE SMITH	R1 BEDFORD	
Equipment Operator	LOUIE SMITH	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 135.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 42.0	*Material:*	*Diameter:* 6.25
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 15.0 gpm for 2.0 hrs.
Drawdown: ft. *Static water level:* 95.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W
Section: NW 1/4 of the SW 1/4 of the NE 1/4 of Section 21 *Topo map:* BEDFORD WEST
Field located by: PW *on:* Tue, Aug 17, 1971
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: 2200 *Ft N of SL:* *Ft E of WL:* *Ft S of NL:* 1650
Ground elevation: 630.0 *Depth to bedrock:* 16.0 *Bedrock elevation:* 614.0 *Aquifer elevation:*
UTM Easting: 541274.0 *UTM Northing:* 4300718.0

Well Log

Top	Bottom	Formation
0.0	16.0	CLAY
16.0	38.0	BROKEN LIME
38.0	75.0	LIME
75.0	81.0	HARD LIME
81.0	135.0	MED LIME

Comments MC615; VERIFIED BY OWNER

Record of Water Well

21

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217880	FROM BEDFORD GOING W TURN LEFT ON 450 GO APPRX. .5 MI STONE HOUSE ON LEFT; THOMAS CHESTNUT PLACE	Sun, Dec 15, 1968

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	THOMAS CHESTNUT	R1 BEDFORD	
Building Contractor			
Drilling Contractor	LOUIE SMITH	R1 BEDFORD	
Equipment Operator	LOUIE SMITH	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 179.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 60.0	*Material:*	*Diameter:* 6.25
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test — *Type of test:* — *Test rate:* gpm for hrs. — *BailTest rate:* 1.5 gpm for 2.0 hrs.
Drawdown: ft. — *Static water level:* 139.0 ft.

Grouting Information — *Material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Well Abandonment — *Sealing material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Administrative

County: LAWRENCE — *Township:* 5N *Range:* 1W
Section: SW 1/4 of the SW 1/4 of the NE 1/4 of Section 21 — *Topo map:* BEDFORD WEST
Field located by: PW — *on:* Tue, Aug 17, 1971
Courthouse location by: — *on:*
Location accepted w/o verification by: — *on:*
Subdivision name: — *Lot number:*
Ft W of EL: 2450 — *Ft N of SL:* — *Ft E of WL:* — *Ft S of NL:* 2500
Ground elevation: 665.0 — *Depth to bedrock:* 50.0 — *Bedrock elevation:* 615.0 — *Aquifer elevation:*
UTM Easting: 541182.0 — *UTM Northing:* 4300462.0

Well Log

Top	Bottom	Formation
0.0	50.0	CLAY
50.0	60.0	SOFT LIME
60.0	140.0	LIME
140.0	155.0	MED LIME
155.0	179.0	HARD LIME

Comments MC615; VERIFIED BY OWNER

Record of Water Well

22

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217910	FROM BEDFORD GOING W TURN L ON SR450 GO ABOUT .5 MI TURN L AT BIXE'S HOMESITES. 1ST HOUSE ON L.	Fri, Nov 17, 1967

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	ROY BAKER	R1, BEDFORD	
Building Contractor			
Drilling Contractor	LOUIE O. SMITH	R#1, BEDFORD	
Equipment Operator	LOUIE O. SMITH	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 145.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 45.0	*Material:*	*Diameter:* 6.25
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 8.0 gpm for 1.0 hrs.

Drawdown: ft. *Static water level:* ft.

Grouting Information

Material: *Depth:* from to

Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to

Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W

Section: NW 1/4 of the SW 1/4 of the NE 1/4 of Section 21 *Topo map:* BEDFORD WEST

Field located by: PW *on:* Mon, Aug 16, 1971

Courthouse location by: *on:*

Location accepted w/o verification by: *on:*

Subdivision name: *Lot number:*

Ft W of EL: 2200 *Ft N of SL:* *Ft E of WL:* *Ft S of NL:* 1850

Ground elevation: 660.0 *Depth to bedrock:* 30.0 *Bedrock elevation:* 630.0 *Aquifier elevation:*

UTM Easting: 541298.0 *UTM Northing:* 4300663.0

Well Log

Top	Bottom	Formation
0.0	30.0	CLAY
30.0	34.0	BR
34.0	38.0	LIME
38.0	45.0	BROKEN
45.0	145.0	LIME

Comments MC 630, VERIFIED BY OWNER:

Record of Water Well

23

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217875	FROM BEDFORD GOING W TURN L ON 450 TO 1ST HOUSE ON L. DONALD T. RES.	Mon, Nov 06, 1961

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	WAYNE TIREY	R#1, BEDFORD	
Building Contractor			
Drilling Contractor	LOUIE O. SMITH	R#1, BEDFORD	
Equipment Operator	LOUIE O. SMITH	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 150.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 32.0	*Material:*	*Diameter:* 6.25
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 1.0 gpm for 1.0 hrs.
Drawdown: ft. *Static water level:* 100.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W
Section: SW 1/4 of the NW 1/4 of the NE 1/4 of Section 21 *Topo map:* BEDFORD WEST
Field located by: U *on:* Tue, Oct 01, 1963
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: 2000 *Ft N of SL:* *Ft E of WL:* *Ft S of NL:* 1200
Ground elevation: 660.0 *Depth to bedrock:* *Bedrock elevation:* *Aquifier elevation:*
UTM Easting: 541310.0 *UTM Northing:* 4300864.0

Well Log

Top	Bottom	Formation
0.0	26.0	CLAY
26.0	28.0	LIME
28.0	31.0	CLAY
31.0	50.0	LS
51.0	65.0	WH LIME
65.0	66.0	BROKEN
66.0	150.0	WH LIME

Comments

24

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
220877	3 MI NE OF BEDFORD IN, ON MT PLEASANT RD.	Tue, Dec 22, 1959

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	ELMER FISH	BEDFORD IN RR4	
Building Contractor			
Drilling Contractor	FLOYD STULTZ	BEDFORD IN, RR4	
Equipment Operator	FLOYD STULTZ	License:	

Construction Details

Well	*Use:*	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 86.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 11.0	*Material:*	*Diameter:*
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* gpm for hrs.
Drawdown: ft. *Static water level:* ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W
Section: NW 1/4 of the NW 1/4 of the SE 1/4 of Section 1 *Topo map:* BARTLETTSVILLE
Field located by: BRUNS *on:* Mon, Aug 01, 1960
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: 2500 *Ft N of SL:* 2400 *Ft E of WL:* *Ft S of NL:*
Ground elevation: 625.0 *Depth to bedrock:* *Bedrock elevation:* *Aquifier elevation:*
UTM Easting: 545970.0 *UTM Northing:* 4305216.0

Well Log

Top	Bottom	Formation
0.0	11.0	CLAY
11.0	86.0	LS

Comments MI 615;

Record of Water Well

28

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
220841	ON SR 58, 1 MI E OF BEDFORD, R3.	Mon, Oct 05, 1964

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	MRS. JOSEPH A. MEYERS	BEDFORD RR3	
Building Contractor			
Drilling Contractor	FLOYD STULTZ	BEDFORD IN RR4	
Equipment Operator	FLOYD STULTZ	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 144.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 40.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test *Type of test:* *Test rate:* gpm for hrs. *BailTest rate:* 0.06 gpm for 8.0 hrs.
Drawdown: ft. *Static water level:* 60.0 ft.

Grouting Information *Material:* *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment *Sealing material:* *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W
Section: NE 1/4 of the SW 1/4 of the SE 1/4 of Section 12 *Topo map:* BARTLETTSVILLE
Field located by: JCH *on:* Mon, Aug 01, 1966
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: 1700 *Ft N of SL:* 800 *Ft E of WL:* *Ft S of NL:*
Ground elevation: 720.0 *Depth to bedrock:* 40.0 *Bedrock elevation:* 680.0 *Aquifer elevation:*
UTM Easting: 546244.0 *UTM Northing:* 4303186.0

Well Log

Top	Bottom	Formation
0.0	40.0	ROCK & CLAY
40.0	144.0	LS

Comments MC 680;

29

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
220959	SR 50E OF BEDFORD IN, .25 MI.	Mon, Dec 28, 1959

	Name	*Address*	*Telephone*
Owner-Contractor			
Well Owner	TRI-ANGLE CONSTR CO INC.	BEDFORD IN	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	RR6, BOX 13,BEDFORD IN	
Equipment Operator	ERNIE UMPHRESS & SONS	License:	

Construction Details

Well	*Use:* INDUSTRY	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 250.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 6.5	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 0.92 gpm for 1.0 hrs.
Drawdown: ft. *Static water level:* 50.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W
Section: SW 1/4 of the SE 1/4 of the SE 1/4 of Section 13 *Topo map:* BEDFORD EAST
Field located by: BAINES *on:* Fri, Jul 01, 1960
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: 1150 *Ft N of SL:* 100 *Ft E of WL:* *Ft S of NL:*
Ground elevation: 560.0 *Depth to bedrock:* *Bedrock elevation:* *Aquifier elevation:*
UTM Easting: 546396.0 *UTM Northing:* 4301330.0

Well Log

Top	Bottom	Formation
0.0	2.0	CLAY DIRT
2.0	35.0	WH LIME SOFT
35.0	55.0	BLUE LIME HARD
55.0	70.0	WH LIME HARD
70.0	115.0	BLUE LIME HARD
115.0	142.0	GRAY LIME HARD
142.0	250.0	BLUE SHALE

Comments MC 560:

Record of Water Well

30

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
220847	E. OF OALITE, IN. LOT #68 WALNUT HEIGHTS ADDITION;	Mon, Sep 23, 1963

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	ROSCOE ELKINS	RRT. #8, BLOOMINGTON, IN.	
Building Contractor			
Drilling Contractor	GEORGE SNOPP	RRT. #4, BLOOMINGTON, IN.	
Equipment Operator	GEORGE SNOPP	License:	

Construction Details

Well	***Use:*** HOME	***Drilling method:*** CABLE TOOL	***Pump type:***
	Depth: 55.0	***Pump setting depth:***	***Water quality:***
Casing	***Length:*** 14.0	***Material:***	***Diameter:*** 6.0
Screen	***Length:***	***Material:***	***Diameter: Slot size:***

Well Capacity Test ***Type of test:*** ***Test rate:*** gpm for hrs. ***BailTest rate:*** 0.2 gpm for hrs.
Drawdown: ft. ***Static water level:*** 23.0 ft.

Grouting Information ***Material:*** ***Depth:*** from to
Installation Method: ***Number of bags used:***

Well Abandonment ***Sealing material:*** ***Depth:*** from to
Installation Method: ***Number of bags used:***

Administrative

County: LAWRENCE ***Township:*** 5N ***Range:*** 1W
Section: SW 1/4 of the NW 1/4 of the SW 1/4 of Section 2 ***Topo map:*** BARTLETTSVILLE
Field located by: JCH ***on:*** Mon, Aug 01, 1966
Courthouse location by: ***on:***
Location accepted w/o verification by: ***on:***
Subdivision name: ***Lot number:***
Ft W of EL: ***Ft N of SL:*** 1700 ***Ft E of WL:*** 650 ***Ft S of NL:***
Ground elevation: 655.0 ***Depth to bedrock:*** 15.0 ***Bedrock elevation:*** 640.0 ***Aquifier elevation:***
UTM Easting: 543648.0 ***UTM Northing:*** 4305014.0

Well Log

Top	Bottom	Formation
0.0	14.0	DIRT
14.0	55.0	WHITE HARD LS

Comments MC 640; WELL PUMPED DRY DURING TEST;

Record of Water Well

31

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
223305	4 MI N OF BEDFORD ON MT PLEASANT RD	Mon, Oct 26, 1959

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	JAMES GRAVES	RR 4	
Building Contractor			
Drilling Contractor	FLOYD P. STULTZ	BEDFORD IND. RR 4	
Equipment Operator	FLOYD STULTZ	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 115.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 8.5	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test — *Type of test:* — *Test rate:* gpm for hrs. — *BailTest rate:* 0.3 gpm for 1.0 hrs.
Drawdown: ft. — *Static water level:* 40.0 ft.

Grouting Information — *Material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Well Abandonment — *Sealing material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Administrative

County: LAWRENCE — *Township:* 6N *Range:* 1W
Section: SE 1/4 of the SW 1/4 of the NE 1/4 of Section 36 — *Topo map:* BARTLETTSVILLE
Field located by: BARNES — *on:* Mon, Aug 01, 1960
Courthouse location by: — *on:*
Location accepted w/o verification by: NO — *on:*
Subdivision name: — *Lot number:*
Ft W of EL: 1700 — *Ft N of SL:* 2700 — *Ft E of WL:* — *Ft S of NL:*
Ground elevation: 730.0 — *Depth to bedrock:* — *Bedrock elevation:* 615.0 — *Aquifer elevation:*
UTM Easting: 546188.0 — *UTM Northing:* 4306949.0

Well Log

Top	Bottom	Formation
0.0	8.5	CLAY
8.5	73.5	SOFT LS
73.5	115.5	HARD LS

Comments MC725

Record of Water Well

32

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
223310	PEERLESS RD 5 MIN. N OF BEDFORD RR 4	Fri, Oct 23, 1964

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	HAROLD SMITH	BEDFORD RR 4	
Building Contractor			
Drilling Contractor	FLOYD STULTZ	BEDFORD RR 4 IND.	
Equipment Operator	FLOYD STULTZ	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 225.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 16.0	*Material:*	*Diameter:* 5.63
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test — *Type of test:* — *Test rate:* gpm for hrs. — *BailTest rate:* gpm for hrs.
Drawdown: ft. — *Static water level:* 75.0 ft.

Grouting Information — *Material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Well Abandonment — *Sealing material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Administrative

County: LAWRENCE — *Township:* 6N *Range:* 1W
Section: SW 1/4 of the NW 1/4 of the NE 1/4 of Section 35 — *Topo map:* BARTLETTSVILLE
Field located by: JRD — *on:* Tue, Aug 08, 1978
Courthouse location by: — *on:*
Location accepted w/o verification by: — *on:*
Subdivision name: — *Lot number:*
Ft W of EL: 2000 — *Ft N of SL:* — *Ft E of WL:* — *Ft S of NL:* 1000
Ground elevation: 600.0 — *Depth to bedrock:* 16.0 — *Bedrock elevation:* 584.0 — *Aquifer elevation:*
UTM Easting: 544524.0 — *UTM Northing:* 4307384.0

Well Log

Top	Bottom	Formation
0.0	16.0	CLAY
16.0	90.0	LS
90.0	225.0	SOAPSTONE

Comments MC584: WIFE OF WELL-DRILLER VERIFIED/IN THE JUNK-YARD BY BUILDING

33

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217307	5 MI N OF BEDFORD ON PEERLESS RD	Fri, Oct 16, 1959

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	WM. MCKEE ANDERSON	BEDFORD IND. RR 4	
Building Contractor			
Drilling Contractor	FLOYD STULTZ	RR 4 BOX 72 BEDFORD INDIANA	
Equipment Operator	FLOYD STULTZ	License:	

Construction Details

Well	*Use:* STOCK	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 162.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 11.0	*Material:*	*Diameter:* 6.5
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 1.0 gpm for 8.0 hrs.
Drawdown: ft. *Static water level:* ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 6N *Range:* 1W
Section: SW 1/4 of the SE 1/4 of the SW 1/4 of Section 26 *Topo map:* BARTLETTSVILLE
Field located by: BARNES *on:* Thu, Sep 01, 1960
Courthouse location by: *on:*
Location accepted w/o verification by: NO *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* 50 *Ft E of WL:* 1900 *Ft S of NL:*
Ground elevation: 680.0 *Depth to bedrock:* *Bedrock elevation:* *Aquifier elevation:*
UTM Easting: 544086.0 *UTM Northing:* 4307713.0

Well Log

Top	Bottom	Formation
0.0	11.0	CLAY
11.0	130.0	HARD LS
130.0	166.0	SOAPSTONE

Comments MC670

Record of Water Well

34

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217312	5 MI N OF BEDFORD ON MT PLEASANT RD	Fri, Nov 02, 1962

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	JOHN STULTZ	BEDFORD RR 4	
Building Contractor			
Drilling Contractor	FLOYD STULTZ	RR 4 BOX 72 BEDFORD INDIANA	
Equipment Operator	FLOYD STULTZ	License:	

Construction Details

Well	*Use:* STOCK	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 150.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 18.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 0.01 gpm for 8.0 hrs.
Drawdown: ft. *Static water level:* 90.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 6N *Range:* 1W
Section: NW 1/4 of the SE 1/4 of the SE 1/4 of Section 26 *Topo map:* BARTLETTSVILLE
Field located by: WHL *on:* Sat, Jun 01, 1963
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* 1300 *Ft E of WL:* 1200 *Ft S of NL:*
Ground elevation: 680.0 *Depth to bedrock:* *Bedrock elevation:* *Aquifier elevation:*
UTM Easting: 544732.0 *UTM Northing:* 4308097.0

Well Log

Top	Bottom	Formation
0.0	18.0	CLAY
18.0	150.0	HARD LS

Comments MC665

35

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217347	ON PEERLESS RD ASK OF JUDAH STORE	Sat, Jul 25, 1959

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	HORACE MEADOWS	R #4 BEDFORD IND.	
Building Contractor			
Drilling Contractor	FLOYD STULTZ	R #4 BEDFORD IND.	
Equipment Operator	FLOYD STULTZ	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 115.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 33.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* gpm for 4.0 hrs.
Drawdown: ft. *Static water level:* 60.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 6N *Range:* 1W
Section: NW 1/4 of the NW 1/4 of the NE 1/4 of Section 27 *Topo map:* OOLITIC
Field located by: BARNES *on:* Mon, Aug 01, 1960
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* *Ft E of WL:* 2700 *Ft S of NL:* 200
Ground elevation: 640.0 *Depth to bedrock:* *Bedrock elevation:* *Aquifier elevation:*
UTM Easting: 542707.0 *UTM Northing:* 4309231.0

Well Log

Top	Bottom	Formation
0.0	33.0	CLAY
33.0	115.0	LS

Comments MC61Page 9563

Record of Water Well

36

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217352	PEERLESS	Mon, Jun 08, 1964

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	JOE HIGNITE	BEDFORD RR 4	
Building Contractor			
Drilling Contractor	FLOYD STULTZ	BEDFORD IND. RR 4	
Equipment Operator	FLOYD STULTZ	License:	

Construction Details

Well	*Use:*	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 240.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 23.0	*Material:*	*Diameter:*
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for 8.0 hrs. *BailTest rate:* 0.05 gpm for 8.0 hrs.
Drawdown: ft. *Static water level:* 80.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 6N *Range:* 1W
Section: SE 1/4 of the NW 1/4 of the SE 1/4 of Section 27 *Topo map:* OOLITIC
Field located by: JCH *on:* Mon, Aug 01, 1966
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* 1400 *Ft E of WL:* 3600 *Ft S of NL:*
Ground elevation: 535.0 *Depth to bedrock:* *Bedrock elevation:* *Aquifier elevation:*
UTM Easting: 543008.0 *UTM Northing:* 4308134.0

Well Log

Top	Bottom	Formation
0.0	0.0	CONFLICTING DATA
0.0	23.0	CLAY
23.0	45.0	LS
45.0	20.0	SOAPSTONE

Comments

37

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217357	PEERLESS IND. APP. 3 MI N OF BEDFORD IND.	Wed, Aug 12, 1964

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	CHARLES CLEMENTS	BEDFORD IND. RR 4	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	BEDFORD IND. RR 6	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 75.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:*	*Material:*	*Diameter:*
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* gpm for hrs.
Drawdown: ft. *Static water level:* ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 6N *Range:* 1W
Section: NW 1/4 of the NW 1/4 of the SE 1/4 of Section 27 *Topo map:* OOLITIC
Field located by: JCH *on:* Mon, Aug 01, 1966
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* 2000 *Ft E of WL:* 3250 *Ft S of NL:*
Ground elevation: 520.0 *Depth to bedrock:* *Bedrock elevation:* *Aquifier elevation:*
UTM Easting: 542892.0 *UTM Northing:* 4308323.0

Well Log

Top	Bottom	Formation
0.0	0.0	HOLE NO. 2
0.0	19.0	DIRT
19.0	22.0	GRAY LS HARD
22.0	75.0	BLUE SH SOFT

Comments MC505; BOTH HOLES WERE DRY

Record of Water Well

38

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
5996	1 MI SE OF BEDFORD CITY LIMITS ON I STREET	Fri, Mar 27, 1992

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	LEWIS DITTON	R R 15 BOX 10 BEDFORD IN 47421	2194834875
Building Contractor			
Drilling Contractor	REYNOLDS INC	P O BOX 186 HWY 37 S ORLEANS IN 47452	8128653232
Equipment Operator	PAUL SHELTON	License: 751	

Construction Details

Well	*Use:*	*Drilling method:* ROTARY	*Pump type:* SUBMERSIBLE
	Depth: 345.0	*Pump setting depth:* 340.0	*Water quality:* CLEAR
Casing	*Length:* 21.0	*Material:* S	*Diameter:* 6.6
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test *Type of test:* AIR *Test rate:* 2.0 gpm for 1.0 hrs. *BailTest rate:* gpm for hrs.
Drawdown: 345.0 ft. *Static water level:* 100.0 ft.

Grouting Information *Material:* CEMENT *Depth:* from 0.0 to 20.0
Installation Method: TREMIE *Number of bags used:* 1.0

Well Abandonment *Sealing material:* *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W
Section: 1/4 of the 1/4 of the NW 1/4 of Section 25 *Topo map:* BEDFORD EAST
Field located by: *on:*
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* *Ft E of WL:* *Ft S of NL:*
Ground elevation: *Depth to bedrock:* *Bedrock elevation:* *Aquifier elevation:*
UTM Easting: *UTM Northing:*

Well Log

Top	Bottom	Formation
0.0	15.0	CLAY
15.0	75.0	LIMESTONE
75.0	155.0	WATER FORMATION (LIME)
155.0	345.0	LIMESTON

Comments

39

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217845	SE FROM BEDFORD CITY LIMITS 2 MI ON I ST, TURN LEFT AT 1ST CROSSRDS., .75 MI ON LEFT; WELL IS BURIED 50' NW OF NW CORNER OF HOUSE (5' N OF DRIVEWAY)	Fri, Feb 21, 1986

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	CALVIN (LUKE) LAWSON	2517 I ST., BEDFORD, IN 47421	
Building Contractor			
Drilling Contractor	JOHN REYNOLDS & SONS, INC.	PO BOX 230, 816 W. MAIN PAOLI, IN 47454	
Equipment Operator	PAUL SHELTON	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* OTHER	*Pump type:*
	Depth: 223.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 21.0	*Material:*	*Diameter:* 6.62
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 6.0 gpm for 1.0 hrs.
Drawdown: ft. *Static water level:* 75.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W
Section: NE 1/4 of the NE 1/4 of the SE 1/4 of Section 25 *Topo map:* BEDFORD EAST
Field located by: OH *on:* Tue, May 23, 1989
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: 600 *Ft N of SL:* 2500 *Ft E of WL:* *Ft S of NL:*
Ground elevation: 690.0 *Depth to bedrock:* 17.0 *Bedrock elevation:* 673.0 *Aquifier elevation:*
UTM Easting: 546570.0 *UTM Northing:* 4298895.0

Well Log

Top	Bottom	Formation
0.0	17.0	CLAY
17.0	140.0	LS
140.0	200.0	WATER FORMATION
200.0	210.0	LS
210.0	223.0	DARK SHALE

Comments

MC673; VERIFIED BY NEIGHBOR

40

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217850	CORNER STORE ON WASHINGTON AVE IN TOWN OF BEDFORD IN.	Thu, Sep 05, 1968

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	LENAD CORNER	BEDFORD IN	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	RR6, BOX 13, BEDFORD IN	
Equipment Operator	CHARLES UMPHRESS	License:	

Construction Details

Well	*Use:*	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 170.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 37.5	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 0.81 gpm for 1.0 hrs.
Drawdown: ft. *Static water level:* 69.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W
Section: NW 1/4 of the NW 1/4 of the SW 1/4 of Section 23 *Topo map:* BEDFORD EAST
Field located by: PW *on:* Mon, Aug 16, 1971
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* 2050 *Ft E of WL:* 50 *Ft S of NL:*
Ground elevation: 680.0 *Depth to bedrock:* 34.0 *Bedrock elevation:* 646.0 *Aquifier elevation:*
UTM Easting: 543580.0 *UTM Northing:* 4300298.0

Well Log

Top	Bottom	Formation
0.0	34.0	DIRT
34.0	55.0	BLUE LS HARD
55.0	70.0	BRAY LS HARD
70.0	75.0	BR LS SOFT
75.0	95.0	WH LS HARD
95.0	130.0	WH LS SOFT
130.0	145.0	BLUE LS HARD
145.0	170.0	WH LS HARD

Comments MC 645. VERIFIED BY MANAGER:

Record of Water Well

41

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217860	FROM BEDFORD TURN LEFT ON 450. APROX. .5 MI TURN LEFT BEX ADDITION	Sat, Jul 27, 1968

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	LAUELLA	R1 BEDFORD	
Building Contractor			
Drilling Contractor	LOUIE O. SMITH	R1 BEDFORD	
Equipment Operator	LOUIE O. SMITH	License:	

Construction Details

Well	***Use:***	***Drilling method:***	***Pump type:***
	Depth: 160.0	***Pump setting depth:***	***Water quality:***
Casing	***Length:*** 42.0	***Material:***	***Diameter:*** 6.25
Screen	***Length:***	***Material:***	***Diameter: Slot size:***

Well Capacity Test ***Type of test:*** ***Test rate:*** gpm for hrs. ***BailTest rate:*** 5.0 gpm for 3.0 hrs.
Drawdown: ft. ***Static water level:*** 110.0 ft.

Grouting Information ***Material:*** ***Depth:*** from to
Installation Method: ***Number of bags used:***

Well Abandonment ***Sealing material:*** ***Depth:*** from to
Installation Method: ***Number of bags used:***

Administrative

County: LAWRENCE ***Township:*** 5N ***Range:*** 1W
Section: NE 1/4 of the SE 1/4 of the NE 1/4 of Section 21 ***Topo map:*** BEDFORD WEST
Field located by: PW ***on:*** Tue, Aug 17, 1971
Courthouse location by: ***on:***
Location accepted w/o verification by: ***on:***
Subdivision name: ***Lot number:***
Ft W of EL: 1750 ***Ft N of SL:*** ***Ft E of WL:*** ***Ft S of NL:*** 1600
Ground elevation: 670.0 ***Depth to bedrock:*** 37.0 ***Bedrock elevation:*** 633.0 ***Aquifer elevation:***
UTM Easting: 541457.0 ***UTM Northing:*** 4300748.0

Well Log

Top	Bottom	Formation
0.0	37.0	CLAY
37.0	45.0	SOFT LIME
45.0	46.0	LIME
46.0	52.0	MED LIME
52.0	62.0	LIME
62.0	66.0	BROWN SHELL
66.0	75.0	LIME
75.0	80.0	KNOB STONE
80.0	150.0	LIME
150.0	160.0	BLUE

Comments NP 635; VERIFIED BY OWNER

42

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217865	1.5 MI SW OF BEDFORD ON SR 158, WILLIAMS RD.	Thu, Sep 29, 1960

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	RAS W. COX	BEDFORD IN, RR1	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	RR#6, BOX 13, BEDFORD IN	
Equipment Operator	ERNIE UMPHRESS & SONS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 198.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 61.6	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test — *Type of test:* — *Test rate:* gpm for hrs. — *BailTest rate:* 1.0 gpm for hrs.
Drawdown: ft. — *Static water level:* 148.0 ft.

Grouting Information — *Material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Well Abandonment — *Sealing material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Administrative

County: LAWRENCE — *Township:* 5N *Range:* 1W
Section: SW 1/4 of the NE 1/4 of the SW 1/4 of Section 21 — *Topo map:* BEDFORD WEST
Field located by: HS — *on:* Thu, Oct 02, 1969
Courthouse location by: — *on:*
Location accepted w/o verification by: — *on:*
Subdivision name: — *Lot number:*
Ft W of EL: — *Ft N of SL:* 1400 — *Ft E of WL:* 1500 — *Ft S of NL:*
Ground elevation: 605.0 — *Depth to bedrock:* — *Bedrock elevation:* — *Aquifer elevation:*
UTM Easting: 540810.0 — *UTM Northing:* 4300047.0

Well Log

Top	Bottom	Formation
0.0	30.0	DIRT
30.0	58.0	BLUE LS & MUD HOLES
58.0	80.0	BLUE LS HARD
80.0	144.0	BR LS SOFT
144.0	160.0	BLUE LS HARD
160.0	173.0	GREY LS SOFT
173.0	198.0	BLUE LS HARD

Comments CHEM TEST: FE, 0.3 PPM, HARDNESS 440 PPM, PH 7.5, CHLORIDE 10 PPM;

Record of Water Well

43

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217870	APPROX 500' N FROM WILLIAMS RD & 200' E OF W PROPERTY LINE.	Mon, Jul 28, 1958

	Name	*Address*	*Telephone*
Owner-Contractor			
Well Owner	LOREN E. HENDERSON	233 N M RD, BEDFORD IN	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	RR#6, BOX 13, BEDFORD IN	
Equipment Operator	BUAYRUS ERIE	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 151.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 35.75	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 1.0 gpm for 1.0 hrs.
Drawdown: ft. *Static water level:* 96.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W
Section: NW 1/4 of the SW 1/4 of the SW 1/4 of Section 21 *Topo map:* BEDFORD WEST
Field located by: BAINES *on:* Fri, Jul 01, 1960
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* 900 *Ft E of WL:* 400 *Ft S of NL:*
Ground elevation: 630.0 *Depth to bedrock:* *Bedrock elevation:* *Aquifier elevation:*
UTM Easting: 540475.0 *UTM Northing:* 4299889.0

Well Log

Top	Bottom	Formation
0.0	30.0	DIRT & FLINT ROCK
30.0	80.0	WH HARD LIME
80.0	90.0	GRAY OR BUFF LIME
90.0	151.0	WH HARD LIME

Comments MC:

Record of Water Well

44

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217915	FROM BEDFORD GOING WEST ON 16TH TURN ON E450 GO APPROX 1 MI TO BLOCK BASEMENT ON RD SIDE OF ROAD	Fri, Jan 10, 1964

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	DWIGHT PROW	R1 BEDFORD	
Building Contractor			
Drilling Contractor	LOUIE O. SMITH	R1 BEDFORD	
Equipment Operator	LOUIE O. SMITH	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 175.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 42.0	*Material:*	*Diameter:* 6.25
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 2.0 gpm for 2.0 hrs.
Drawdown: ft. *Static water level:* 115.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W
Section: NE 1/4 of the SW 1/4 of the SW 1/4 of Section 21 *Topo map:* BEDFORD WEST
Field located by: JVH *on:* Mon, Aug 01, 1966
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* *Ft E of WL:* *Ft S of NL:*
Ground elevation: *Depth to bedrock:* *Bedrock elevation:* *Aquifier elevation:*
UTM Easting: *UTM Northing:*

Well Log

Top	Bottom	Formation
0.0	35.0	CLAY
35.0	41.0	WHITE LIME
41.0	44.0	SHELL
44.0	120.0	LIME
120.0	123.0	BLANK
123.0	125.0	SOFT SHELL
125.0	175.0	HARD LIME

Comments

45

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217949	RIVER BLUFF ADDT ABOUT 2 MI SW OF BEDFORD IN ON RIVER BLUFF RD.	Sat, Aug 01, 1959

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	ROBERT D. BRUCE	RR1, BEDFORD IN	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	RR6, BOX 13, BEDFORD IN	
Equipment Operator	BUAYRUS ERIE	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 175.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:*	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 1.0 gpm for 1.0 hrs.
Drawdown: ft. *Static water level:* 105.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W
Section: SE 1/4 of the SW 1/4 of the SW 1/4 of Section 27 *Topo map:* BEDFORD WEST
Field located by: HS *on:* Fri, Nov 04, 1960
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* 150 *Ft E of WL:* 700 *Ft S of NL:*
Ground elevation: 580.0 *Depth to bedrock:* *Bedrock elevation:* *Aquifier elevation:*
UTM Easting: 542206.0 *UTM Northing:* 4298072.0

Well Log

Top	Bottom	Formation
0.0	145.0	BLANK
145.0	175.0	BLUE SHALE

Comments MC: SULPHER WATER:

46

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217954	S OUT OF BEDFORD ON WASHINGTON AVE TO RIVER BLUFFS RD. W APP .25 MI, S SIDE OF RIVER BLUFF RD.	Wed, Apr 06, 1966

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	LARRY EVANS BLDR		
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	RR6, BOX 13, BEDFORD IN	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 190.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:*	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 0.5 gpm for hrs.
Drawdown: ft. *Static water level:* 40.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W
Section: NE 1/4 of the SE 1/4 of the SW 1/4 of Section 27 *Topo map:* BEDFORD WEST
Field located by: PW *on:* Tue, Aug 17, 1971
Courthouse location by: JCH *on:* Mon, Aug 01, 1966
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* 900 *Ft E of WL:* 2400 *Ft S of NL:*
Ground elevation: 630.0 *Depth to bedrock:* 14.0 *Bedrock elevation:* 616.0 *Aquifier elevation:*
UTM Easting: 542712.0 *UTM Northing:* 4298304.0

Well Log

Top	Bottom	Formation
0.0	6.0	DIRT
6.0	14.0	BOULDERS & HOLES
14.0	32.0	BLUE LS HARD
32.0	40.0	BLUE LS SOFT
40.0	56.0	GRAY LS SOFT
56.0	62.0	WH LS SOFT
62.0	98.0	GRAY LS SOFT
98.0	115.0	WH LS HARD
115.0	137.0	BLUE LS HARD
137.0	154.0	GRAY LS HARD
154.0	165.0	BLUE LS HARD
165.0	171.0	WH LS HARD
171.0	184.0	BLUE SHALE SOFT

184.0	190.0	WH LS HARD

Comments MC 615; VERIFIED BY BUILDER;

47

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217959	3 MI SE OF BEDFORD, 300' N OF POOR FARM RD, 6' E OF BARN	Wed, Oct 30, 1963

	Name	*Address*	*Telephone*
Owner-Contractor			
Well Owner	JOE WELLS	R5 BEDFORD, IN	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	RR6 BEDFORD, IN	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 91.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 23.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test: *Type of test:* | *Test rate:* gpm for hrs. | *BailTest rate:* 3.0 gpm for hrs. | *Drawdown:* ft. | *Static water level:* 61.0 ft.

Grouting Information: *Material:* | *Depth:* from to | *Installation Method:* | *Number of bags used:*

Well Abandonment: *Sealing material:* | *Depth:* from to | *Installation Method:* | *Number of bags used:*

Administrative

County: LAWRENCE — *Township:* 5N *Range:* 1W

Section: SW 1/4 of the SE 1/4 of the SE 1/4 of Section 25 — *Topo map:* BEDFORD EAST

Field located by: JVH — *on:* Mon, Aug 01, 1966

Courthouse location by: — *on:*

Location accepted w/o verification by: — *on:*

Subdivision name: — *Lot number:*

Ft W of EL: 1000 — *Ft N of SL:* 150 — *Ft E of WL:* — *Ft S of NL:*

Ground elevation: 680.0 — *Depth to bedrock:* 15.0 — *Bedrock elevation:* 665.0 — *Aquifer elevation:*

UTM Easting: 546459.0 — *UTM Northing:* 4298178.0

Well Log

Top	Bottom	Formation
0.0	5.0	DIRT
5.0	17.0	BRKN STONE & BOULDERS LIME
17.0	41.0	BLUE LS HARD
41.0	77.0	GREY LS SOFT
77.0	91.0	BROWN LS SOFT

Comments MC665

48

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
235518	SR37 TO BEDFORD, IN TURN E ON 5TH STREET TO L ST. TURN S ON L ST. GO 0.5MI TO BIGFOOT STATION ON W/SIDE OF STREET	Wed, Jan 08, 1992

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	JOHNSON OIL	PO BOX 347 COLUMBUS, IN 47202	(812)379-9227
Building Contractor			
Drilling Contractor	AMERICAN ENV	8765 GUION RD SUITE G 46268	(317)871-4090
Equipment Operator	RON MATHES	License: 294	

Construction Details

Well	***Use:*** TEST	***Drilling method:*** OTHER	***Pump type:***
	Depth: 15.5	***Pump setting depth:***	***Water quality:*** CLOUDY
Casing	***Length:*** 50.0	***Material:*** PVC	***Diameter:*** 4.0
Screen	***Length:*** 10.0	***Material:*** PVC	***Diameter:*** 4.0 ***Slot size:*** .010

Well Capacity Test

Type of test: ***Test rate:*** gpm for hrs. ***BailTest rate:*** gpm for hrs.

Drawdown: ft. ***Static water level:*** ft.

Grouting Information

Material: BENTONITE ***Depth:*** from 0.0 to 1.0

Installation Method: ***Number of bags used:***

Well Abandonment

Sealing material: ***Depth:*** from to

Installation Method: ***Number of bags used:***

Administrative

County: LAWRENCE ***Township:*** 5N ***Range:*** 1W

Section: 1/4 of the 1/4 of the 1/4 of Section 23 ***Topo map:*** BEDFORD EAST

Field located by: ***on:***

Courthouse location by: ***on:***

Location accepted w/o verification by: ***on:***

Subdivision name: ***Lot number:***

Ft W of EL: ***Ft N of SL:*** ***Ft E of WL:*** ***Ft S of NL:***

Ground elevation: ***Depth to bedrock:*** ***Bedrock elevation:*** ***Aquifier elevation:***

UTM Easting: ***UTM Northing:***

Well Log

Top	Bottom	Formation
0.0	12.0	CONCRETE
1.0	6.0	CRUSHED STONE, WET SAND
6.0	15.5	RED MOIST CLAY

Comments

49

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
273065	FROM WILLIAMS GOING E ON 450 .5 MI W OF CREEK BRIDGE. LANE ON RD SIDE OF RD; BACK ACRES BROCK & SONS	Fri, Apr 10, 1964

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	MERTON BROCK	R1 BEDFORD	
Building Contractor			
Drilling Contractor	LOUIE O. SMITH	R1 BEDFORD	
Equipment Operator	LOUIE O. SMITH	License:	

Construction Details

Well	***Use:*** HOME	***Drilling method:*** CABLE TOOL	***Pump type:***
	Depth: 125.0	***Pump setting depth:***	***Water quality:***
Casing	***Length:*** 14.0	***Material:***	***Diameter:*** 6.25
Screen	***Length:***	***Material:***	***Diameter: Slot size:***

Well Capacity Test ***Type of test:*** ***Test rate:*** gpm for hrs. ***BailTest rate:*** 3.0 gpm for 3.0 hrs.
Drawdown: ft. ***Static water level:*** 85.0 ft.

Grouting Information ***Material:*** ***Depth:*** from to
Installation Method: ***Number of bags used:***

Well Abandonment ***Sealing material:*** ***Depth:*** from to
Installation Method: ***Number of bags used:***

Administrative

County: LAWRENCE ***Township:*** 5N ***Range:*** 1W
Section: NW 1/4 of the SW 1/4 of the NW 1/4 of Section 27 ***Topo map:*** BEDFORD WEST
Field located by: JVH ***on:*** Mon, Aug 01, 1966
Courthouse location by: JVH ***on:*** Mon, Aug 01, 1966
Location accepted w/o verification by: ***on:***
Subdivision name: ***Lot number:***
Ft W of EL: ***Ft N of SL:*** ***Ft E of WL:*** 250 ***Ft S of NL:*** 1800
Ground elevation: 650.0 ***Depth to bedrock:*** 10.0 ***Bedrock elevation:*** 640.0 ***Aquifier elevation:***
UTM Easting: 542024.0 ***UTM Northing:*** 4299103.0

Well Log

Top	Bottom	Formation
0.0	12.0	CLAY
12.0	28.0	LIME
28.0	30.0	BROWN LIME
30.0	33.0	HARD LIME
33.0	45.0	WHITE LIME
45.0	50.0	SOFT LIME
50.0	75.0	LIME
75.0	92.0	SHELL
92.0	106.0	LIME
106.0	125.0	BLUE SHELL

Comments MC640

Record of Water Well

50

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
336969	1507 18TH ST, BEDFORD, IN	Thu, Jul 29, 1999

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	DANIEL L. HALL	1318 16TH ST., BEDFORD, IN 47421	(812)279-8101
Building Contractor			
Drilling Contractor	PHILLIPS WELL DRLNG & PUMP SVC	RR12 BOX 444, BEDFORD, IN 47421	(812)279-4843
Equipment Operator	LLOYD PHILLIPS	License: 208	

Construction Details

Well	*Use:* HOME	*Drilling method:* ROTARY	*Pump type:* SUBMERSIBLE
	Depth: 200.0	*Pump setting depth:* 185.0	*Water quality:* CLEAR GOOD
Casing	*Length:* 36.0	*Material:* PVC	*Diameter:* 6.0
Screen	*Length:* 40.0	*Material:* PVC	*Diameter:* 4.0 *Slot size:* 1.25

Well Capacity Test

Type of test: BAILING *Test rate:* 11.0 gpm for 1.0 hrs. *BailTest rate:* gpm for hrs.
Drawdown: ft. *Static water level:* 185.0 ft.

Grouting Information

Material: BENONITE *Depth:* from 0.0 to 36.0
Installation Method: PUMP *Number of bags used:* 3.5

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W
Section: 1/4 of the SE 1/4 of the NE 1/4 of Section 23 *Topo map:* BEDFORD EAST

Field located by:		*on:*	
Courthouse location by:		*on:*	
Location accepted w/o verification by:		*on:*	
Subdivision name:		*Lot number:*	
Ft W of EL:	*Ft N of SL:*	*Ft E of WL:*	*Ft S of NL:*
Ground elevation:	*Depth to bedrock:*	*Bedrock elevation:*	*Aquifier elevation:*
UTM Easting:		*UTM Northing:*	

Well Log

Top	Bottom	Formation
0.0	2.0	TOPSOIL
2.0	6.0	CLAY
6.0	12.0	SHALE
12.0	139.0	LS
139.0	200.0	WHITE LS

Comments SEE MAP

Record of Water Well

51

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
220949	NW BEDFORD IN, .5 MI ON LANE KNOWN AS BILL BARK QUARY. N OF GRAVEY LANE. THE 3RD HOUSE ON L SIDE OF BILL BARK LANE.	Mon, Mar 27, 1961

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	WINFRED WEVER	503 ST, BEDFORD IN	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	BEDFORD IN, R6	
Equipment Operator	ERNIE UMPHRESS & SONS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 123.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 29.25	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test — *Type of test:* — *Test rate:* gpm for hrs. — *BailTest rate:* 0.05 gpm for hrs. — *Drawdown:* ft. — *Static water level:* 60.0 ft.

Grouting Information — *Material:* — *Depth:* from to — *Installation Method:* — *Number of bags used:*

Well Abandonment — *Sealing material:* — *Depth:* from to — *Installation Method:* — *Number of bags used:*

Administrative

County: LAWRENCE — *Township:* 5N *Range:* 1W

Section: SE 1/4 of the SE 1/4 of the NE 1/4 of Section 16 — *Topo map:* BEDFORD WEST

Field located by: JCH — *on:* Mon, Aug 01, 1966

Courthouse location by: — *on:*

Location accepted w/o verification by: — *on:*

Subdivision name: — *Lot number:*

Ft W of EL: — *Ft N of SL:* — *Ft E of WL:* — *Ft S of NL:*

Ground elevation: 610.0 — *Depth to bedrock:* 25.0 — *Bedrock elevation:* 585.0 — *Aquifier elevation:*

UTM Easting: 541896.0 — *UTM Northing:* 4302187.0

Well Log

Top	Bottom	Formation
0.0	28.0	DIRT
28.0	35.0	BLUE LS HARD
35.0	55.0	BLUE LS SOFT
55.0	61.0	BR LS SOFT
61.0	123.0	WH LS SOFT

Comments MC 585.

53

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
220926	E OOLITIC, RR4.	Mon, May 01, 1961

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	FELIX CHENAULT JR	E OOLITIC, RR4	
Building Contractor			
Drilling Contractor	FLOYD STULTZ	BEDFORD IN, RR4	
Equipment Operator	FLOYD STULTZ	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 88.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 14.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 2.0 gpm for 8.0 hrs.
Drawdown: ft. *Static water level:* 30.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W
Section: NW 1/4 of the SE 1/4 of the NW 1/4 of Section 3 *Topo map:* OOLITIC
Field located by: U *on:* Thu, Aug 01, 1963
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* *Ft E of WL:* 1700 *Ft S of NL:* 1900
Ground elevation: *Depth to bedrock:* *Bedrock elevation:* *Aquifier elevation:*
UTM Easting: 542461.0 *UTM Northing:* 4305521.0

Well Log

Top	Bottom	Formation
0.0	14.0	CLAY
14.0	50.0	LS
50.0	84.0	SHALE

Comments

54

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
220936	E OOLITIC, LOT 65.	Mon, Jun 15, 1964

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	DENNY MAY	BEDFORD, RR4	
Building Contractor			
Drilling Contractor	FLOYD STULTZ	BEDFORD IN, RR4	
Equipment Operator	FLOYD STULTZ	License:	

Construction Details

Well	***Use:***	***Drilling method:*** CABLE TOOL	***Pump type:***
	Depth: 85.0	***Pump setting depth:***	***Water quality:***
Casing	***Length:***	***Material:***	***Diameter:***
Screen	***Length:***	***Material:***	***Diameter: Slot size:***

Well Capacity Test — ***Type of test:*** PUMPING; ***Test rate:*** 1.0 gpm for 8.0 hrs.; ***BailTest rate:*** gpm for hrs.; ***Drawdown:*** ft.; ***Static water level:*** 30.0 ft.

Grouting Information — ***Material:***; ***Depth:*** from to; ***Installation Method:***; ***Number of bags used:***

Well Abandonment — ***Sealing material:***; ***Depth:*** from to; ***Installation Method:***; ***Number of bags used:***

Administrative

County: LAWRENCE		***Township:*** 5N ***Range:*** 1W	
Section: 1/4 of the 1/4 of the 1/4 of Section 3			***Topo map:*** OOLITIC
Field located by:		***on:***	
Courthouse location by:		***on:***	
Location accepted w/o verification by:		***on:***	
Subdivision name:		***Lot number:***	
Ft W of EL:	***Ft N of SL:***	***Ft E of WL:***	***Ft S of NL:***
Ground elevation:	***Depth to bedrock:***	***Bedrock elevation:***	***Aquifier elevation:***
UTM Easting:		***UTM Northing:***	

Well Log

Top	Bottom	Formation
0.0	13.0	CLAY
13.0	45.0	SANDY LS
45.0	85.0	SOAPSTONE

Comments

Record of Water Well

55

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
220941	E OOLTIC IN, LOT 31.	Thu, Jul 25, 1963

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	LARRY RANDOLPH	BEDFORD IN, RR2	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	BEDFORD IN, RR6	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 127.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 14.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 5.0 gpm for hrs.

Drawdown: ft. *Static water level:* 40.0 ft.

Grouting Information

Material: *Depth:* from to

Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to

Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W

Section: 1/4 of the 1/4 of the 1/4 of Section 3 *Topo map:* OOLITIC

Field located by: *on:*

Courthouse location by: *on:*

Location accepted w/o verification by: *on:*

Subdivision name: *Lot number:*

Ft W of EL:	*Ft N of SL:*	*Ft E of WL:*	*Ft S of NL:*
Ground elevation:	*Depth to bedrock:*	*Bedrock elevation:*	*Aquifier elevation:*
UTM Easting:		*UTM Northing:*	

Well Log

Top	Bottom	Formation
0.0	10.0	DIRT
10.0	31.0	GRAY LS SOFT
31.0	46.0	BLUE LS HARD
46.0	127.0	BLUE SHALE SOFT

Comments

56

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
220956	TOWN OF EAST OOLITIC, LOT #22	Wed, Sep 27, 1961

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	VOLLIE STAGGS	EAST OOLITIC, IN.	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	RRT. 6, BOX 13, BEDFORD, IN.	
Equipment Operator	ERNIE UMPHRESS & SONS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 101.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 27.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 6.0 gpm for 1.0 hrs.
Drawdown: ft. *Static water level:* 71.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W
Section: NW 1/4 of the SW 1/4 of the NW 1/4 of Section 3 *Topo map:* OOLITIC
Field located by: U *on:* Mon, Jul 01, 1963
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* *Ft E of WL:* 50 *Ft S of NL:* 1900
Ground elevation: 540.0 *Depth to bedrock:* *Bedrock elevation:* *Aquifier elevation:*
UTM Easting: 541955.0 *UTM Northing:* 4305516.0

Well Log

Top	Bottom	Formation
0.0	25.0	DIRT
25.0	30.0	BLUE LS-HARD
30.0	36.0	BLUE SH-SOFT
36.0	74.0	BLUE LS-HARD
74.0	101.0	BLUE SH-SOFT

Comments

Record of Water Well

52

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
220921	E OOLITIC RD.	Sat, May 07, 1960

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	IRA CHENAULT	E OOLITIC RD	
Building Contractor			
Drilling Contractor	FLOYD STULTZ	BEDFORD IN, RR4	
Equipment Operator	FLOYD STULTZ	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 60.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 12.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 1.3 gpm for 8.0 hrs.
Drawdown: ft. *Static water level:* 30.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W
Section: SW 1/4 of the SW 1/4 of the NW 1/4 of Section 3 *Topo map:* OOLITIC
Field located by: BRINES *on:* Mon, Aug 01, 1960
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* 2600 *Ft E of WL:* 400 *Ft S of NL:*
Ground elevation: 520.0 *Depth to bedrock:* *Bedrock elevation:* *Aquifer elevation:*
UTM Easting: 542070.0 *UTM Northing:* 4305314.0

Well Log

Top	Bottom	Formation
0.0	12.0	CLAY
12.0	60.0	LS

Comments

MC 510;

57

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
221531	5MI SE OF BEDFORD ON POOR FARM RD	Sat, Apr 06, 1963

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	RUSSELL CROUCHER	CEMENT PLANT RD	
Building Contractor			
Drilling Contractor	FLOYD STULTZ	BEDFORD IND. R.R. 4	
Equipment Operator	FLOYD STULTZ	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 80.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 18.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test	*Type of test:*	*Test rate:* gpm for hrs.	*BailTest rate:* 80.0 gpm for 8.0 hrs.
	Drawdown: ft.	*Static water level:* 40.0 ft.	

Grouting Information	*Material:*	*Depth:* from to
	Installation Method:	*Number of bags used:*

Well Abandonment	*Sealing material:*	*Depth:* from to
	Installation Method:	*Number of bags used:*

Administrative	*County:* LAWRENCE		*Township:* 5N *Range:* 1E	
	Section: SE 1/4 of the SW 1/4 of the SE 1/4 of Section 30			*Topo map:* BEDFORD EAST
	Field located by: HUH		*on:* Mon. Aug 01, 1966	
	Courthouse location by:		*on:*	
	Location accepted w/o verification by:		*on:*	
	Subdivision name:		*Lot number:*	
	Ft W of EL: 2800	*Ft N of SL:* 500	*Ft E of WL:*	*Ft S of NL:*
	Ground elevation: 700.0	*Depth to bedrock:* 20.0	*Bedrock elevation:* 680.0	*Aquifer elevation:*
	UTM Easting: 547791.0		*UTM Northing:* 4298253.0	

Well Log

Top	Bottom	Formation
0.0	18.0	CLAY
18.0	80.0	HARD LS

Comments MC680:

58

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
221536	APPR. 2.5MI SE OF BEDFORD IND ON POOR FARM RD	Tue, May 17, 1966

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	WILLIAM C. TARR	BEDFORD IND. R.R. 5	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	BEDFORD IND. R.R. 6	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 107.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 33.5	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test: *Type of test:* | *Test rate:* gpm for hrs. | *BailTest rate:* 8.0 gpm for hrs.
Drawdown: ft. | *Static water level:* 30.0 ft.

Grouting Information: *Material:* | *Depth:* from to
Installation Method: | *Number of bags used:*

Well Abandonment: *Sealing material:* | *Depth:* from to
Installation Method: | *Number of bags used:*

Administrative

County: LAWRENCE | *Township:* 5N *Range:* 1E
Section: SW 1/4 of the SW 1/4 of the SW 1/4 of Section 30 | *Topo map:* BEDFORD EAST
Field located by: PW | *on:*
Courthouse location by: | *on:*
Location accepted w/o verification by: | *on:*
Subdivision name: | *Lot number:*
Ft W of EL: | *Ft N of SL:* 100 | *Ft E of WL:* 1050 | *Ft S of NL:*
Ground elevation: 700.0 | *Depth to bedrock:* 27.0 | *Bedrock elevation:* 673.0 | *Aquifer elevation:*
UTM Easting: 547073.0 | *UTM Northing:* 4298167.0

Well Log

Top	Bottom	Formation
0.0	27.0	DIRT
27.0	65.0	BR LS SOFT
65.0	92.0	GRAY LS SOFT
92.0	107.0	BLUE LS HARD

Comments: MC675: VERIFIED BY OWNER, MC

59

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217994	APP. 3.5MI E OF BEDFORD IND. ON S LEATHERWOOD RD. S/SIDE OF RD	Thu, Jul 11, 1963

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	CLAUDE E. CADE	R.R. #6, BEDFORD, IND.	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	BEDFORD, IND. R.R. 6	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 154.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 27.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 1.0 gpm for hrs.
Drawdown: ft. *Static water level:* 40.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1E
Section: NE 1/4 of the NW 1/4 of the SE 1/4 of Section 20 *Topo map:* BEDFORD EAST
Field located by: JCH *on:* Mon, Aug 01, 1966
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: 1600 *Ft N of SL:* 2400 *Ft E of WL:* *Ft S of NL:*
Ground elevation: 720.0 *Depth to bedrock:* 20.0 *Bedrock elevation:* 700.0 *Aquifier elevation:*
UTM Easting: 549688.0 *UTM Northing:* 4300462.0

Well Log

Top	Bottom	Formation
0.0	8.0	DIRT
8.0	22.0	BOULDERS
22.0	56.0	BLUE LS HARD
56.0	67.0	GRAY LS HARD
67.0	74.0	WH LS SOFT
74.0	97.0	GRAY LS SOFT
97.0	136.0	WH LS SOFT
136.0	154.0	BLUE LS HARD

Comments MC700;

Record of Water Well

60

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217999	APPR. 2MI S, E OF BEDFORD, IND. ON S LEATHERWOOD RD	Mon, Jun 29, 1964

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	ROBERT & MARIE FOX	BEDFORD, IND. R.R.6	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	BEDFORD, IND. R.R. 6	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	*Use:* STOCK	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 38.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 7.83	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 7.0 gpm for hrs.
Drawdown: ft. *Static water level:* 8.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1E
Section: NW 1/4 of the NW 1/4 of the SW 1/4 of Section 20 *Topo map:* BEDFORD EAST
Field located by: JCH *on:* Mon, Aug 01, 1966
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* 2500 *Ft E of WL:* 700 *Ft S of NL:*
Ground elevation: 640.0 *Depth to bedrock:* 5.0 *Bedrock elevation:* 635.0 *Aquifer elevation:*
UTM Easting: 548770.0 *UTM Northing:* 4300465.0

Well Log

Top	Bottom	Formation
0.0	2.5	DIRT
2.5	18.0	BLUE LS HARD
18.0	25.0	GRAY LS HARD
25.0	29.0	BR LS SOFT
29.0	38.0	GRAY LS HARD

Comments MC635.

Record of Water Well

61

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
218004	3-1/2 MILES SOUTHEAST OF BEDFORD ON SOUTH LEATHERWOOD ROAD	Fri, Aug 28, 1959

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	LOVELL & MARY PIERCE	RR 6, BEDFORD IN	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	RR 6, BOX 13, BEDFORD IN	
Equipment Operator	EUGENE UMPHRESS	License:	

Construction Details

Well	*Use:* STOCK	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 141.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 26.92	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test *Type of test:* *Test rate:* gpm for hrs. *BailTest rate:* 1.6 gpm for 1.0 hrs.
Drawdown: 85.0 ft. *Static water level:* 56.0 ft.

Grouting Information *Material:* *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment *Sealing material:* *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1E
Section: SW 1/4 of the SW 1/4 of the NE 1/4 of Section 20 *Topo map:* BEDFORD EAST
Field located by: BARNES *on:* Fri, Jul 01, 1960
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: 2000 *Ft N of SL:* 2700 *Ft E of WL:* *Ft S of NL:*
Ground elevation: 750.0 *Depth to bedrock:* 24.0 *Bedrock elevation:* 726.0 *Aquifier elevation:*
UTM Easting: 549570.0 *UTM Northing:* 4300530.0

Well Log

Top	Bottom	Formation
0.0	0.0	BLANK

Comments MC725: OWNER NOT HOME

62

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
218009	LOT 5A E OF BEDFORD, IND. BROOK KNOLL ADD.	Thu, Sep 30, 1965

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	JOHN W. REUTER	BEDFORD, IND.	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	BEDFORD, IND. R.R.6	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 150.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 17.5	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test: *Type of test:* | *Test rate:* gpm for hrs. | *BailTest rate:* 0.75 gpm for hrs. | *Drawdown:* ft. | *Static water level:* 40.0 ft.

Grouting Information: *Material:* | *Depth:* from to | *Installation Method:* | *Number of bags used:*

Well Abandonment: *Sealing material:* | *Depth:* from to | *Installation Method:* | *Number of bags used:*

Administrative

County: LAWRENCE — *Township:* 5N *Range:* 1E

Section: NW 1/4 of the NE 1/4 of the SW 1/4 of Section 19 — *Topo map:* BEDFORD EAST

Field located by: JUH — *on:* Mon, Aug 01, 1966

Courthouse location by: — *on:*

Location accepted w/o verification by: — *on:*

Subdivision name: — *Lot number:*

Ft W of EL: — *Ft N of SL:* — *Ft E of WL:* 1600 — *Ft S of NL:* 2600

Ground elevation: 580.0 — *Depth to bedrock:* 5.0 — *Bedrock elevation:* 575.0 — *Aquifer elevation:*

UTM Easting: 547245.0 — *UTM Northing:* 4300514.0

Well Log

Top	Bottom	Formation
0.0	6.0	DIRT
6.0	10.0	GRAY LS SOFT
10.0	42.0	GRAY LS HARD
42.0	70.0	BLUE LS HARD
70.0	89.0	GRAY LS HARD
89.0	150.0	BLUE SH SOFT

Comments: MC575:

Record of Water Well

63

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
218014	APP. 1.5 E OF BEDFORD, IND. ON TUNNELTON RD	Sat, Aug 29, 1964

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	AUDRIE BEAVERS	BEDFORD, IND. R.R.5	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	BEDFORD, IND. R.R. 6	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 34.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 10.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test: *Type of test:* *Test rate:* gpm for hrs. *BailTest rate:* 20.0 gpm for hrs.
Drawdown: ft. *Static water level:* 12.0 ft.

Grouting Information: *Material:* *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment: *Sealing material:* *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1E
Section: SW 1/4 of the SW 1/4 of the NE 1/4 of Section 19 *Topo map:* BEDFORD EAST
Field located by: JUH *on:* Mon, Aug 01, 1966
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: 2700 *Ft N of SL:* *Ft E of WL:* *Ft S of NL:* 2200
Ground elevation: 530.0 *Depth to bedrock:* 7.0 *Bedrock elevation:* 523.0 *Aquifier elevation:*
UTM Easting: 547745.0 *UTM Northing:* 4300632.0

Well Log

Top	Bottom	Formation
0.0	3.0	DIRT
3.0	7.0	BROKEN LS
7.0	22.0	GRAY LS HARD
22.0	34.0	BLUE LS HARD

Comments MC575;

64

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
218019	TUNNELTON RD ABOUT 2MI E FROM CITY OF BEDFORD	Thu, Jun 04, 1964

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	ROBERT HERTHEL	BEDFORD, IND.	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	BEDFORD, IND. R.R6	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 224.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 27.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test *Type of test:* *Test rate:* gpm for hrs. *BailTest rate:* 0.42 gpm for hrs.
Drawdown: ft. *Static water level:* 84.0 ft.

Grouting Information *Material:* *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment *Sealing material:* *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1E
Section: NW 1/4 of the NW 1/4 of the SE 1/4 of Section 19 *Topo map:* BEDFORD EAST
Field located by: JCH *on:* Mon, Aug 01, 1966
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: 2300 *Ft N of SL:* 2300 *Ft E of WL:* *Ft S of NL:*
Ground elevation: 570.0 *Depth to bedrock:* 20.0 *Bedrock elevation:* 550.0 *Aquifier elevation:*
UTM Easting: 547885.0 *UTM Northing:* 4300403.0

Well Log

Top	Bottom	Formation
0.0	7.0	DIRT
7.0	20.0	BOULDERS & MUD HOLES
20.0	54.0	BLUE LS HARD
54.0	57.0	BLUE SH SOFT
57.0	75.0	GRAY LS HARD
75.0	92.0	BLUE LS HARD
92.0	101.0	GRAY LS HARD
101.0	229.0	BLUE SH SOFT

Comments MC550:

65

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
218024	APP. 1MI SE OF BEDFORD IND. ON TUNNELTON RD. LOT 35 & 35A IN BROOK KNOLL ADDATION	Fri, May 28, 1965

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	HERBERT ROSS	BEDFORD, IND. R.R. 5	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	BEDFORD, IND. R.R. 6	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 177.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 21.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test — *Type of test:* — *Test rate:* gpm for hrs. — *BailTest rate:* 0.15 gpm for hrs.
Drawdown: ft. — *Static water level:* 75.0 ft.

Grouting Information — *Material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Well Abandonment — *Sealing material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Administrative

County: LAWRENCE — *Township:* 5N *Range:* 1E
Section: SW 1/4 of the SW 1/4 of the NW 1/4 of Section 19 — *Topo map:* BEDFORD EAST
Field located by: JCH — *on:* Mon, Aug 01, 1966
Courthouse location by: — *on:*
Location accepted w/o verification by: — *on:*
Subdivision name: — *Lot number:*
Ft W of EL: 600 — *Ft N of SL:* — *Ft E of WL:* — *Ft S of NL:* 2100
Ground elevation: 575.0 — *Depth to bedrock:* 15.0- — *Bedrock elevation:* 560.0 — *Aquifier elevation:*
UTM Easting: 547012.0 — *UTM Northing:* 4300844.0

Well Log

Top	Bottom	Formation
0.0	1.0	DIRT
1.0	15.0	BROKEN LS
15.0	23.0	BLUE LS HARD
23.0	44.0	GRAY LS HARD
44.0	57.0	WH LS HARD
57.0	86.0	BLUE LS HARD
86.0	104.0	BLUE LS SOFT
104.0	110.0	GRAY LS HARD
110.0	177.0	BLUE SH SOFT

Comments MC560.

66

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217384	SR 58 3MI E OF BEDFORD IND.	Thu, Jul 10, 1958

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	RAYMOND A STIPP	BEDFORD IND. R.R. 5	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	R.R. 6 BOX 13 BEDFORD IND	
Equipment Operator	BUAYRUS ERSI	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:*	*Pump type:*
	Depth: 115.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 21.3	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test *Type of test:* *Test rate:* gpm for hrs. *BailTest rate:* gpm for 1.0 hrs.
Drawdown: ft. *Static water level:* 80.0 ft.

Grouting Information *Material:* *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment *Sealing material:* *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1E
Section: NE 1/4 of the NW 1/4 of the NE 1/4 of Section 8 *Topo map:* BARTLETTSVILLE
Field located by: BARNES *on:* Mon, Aug 01, 1960
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* *Ft E of WL:* *Ft S of NL:*
Ground elevation: 640.0 *Depth to bedrock:* *Bedrock elevation:* *Aquifier elevation:*
UTM Easting: *UTM Northing:*

Well Log

Top	Bottom	Formation
0.0	9.0	DIRT
9.0	20.0	SHELLIE WH LIME
20.0	94.0	HARD WH LIME
94.0	115.0	BLUE SH

Comments LOC. ACCEPTED W/O VERIF., YES; OWNER NOT HOME.

67

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217389	APPR. 3MI E OF BEDFORD, IND. ON US HIGHWAY 58	Tue, Feb 26, 1963

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	OSCAR LOVEALL	1707 P ST. BEDFORD	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	BEDFORD, IND. R.R. 6	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 150.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 25.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 0.5 gpm for hrs.

Drawdown: ft. *Static water level:* 110.0 ft.

Grouting Information

Material: *Depth:* from to

Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to

Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1E

Section: NE 1/4 of the NW 1/4 of the NW 1/4 of Section 8 *Topo map:* BARTLETTSVILLE

Field located by: N *on:* Thu, Aug 01, 1963

Courthouse location by: *on:*

Location accepted w/o verification by: *on:*

Subdivision name: *Lot number:*

Ft W of EL: *Ft N of SL:* *Ft E of WL:* 900 *Ft S of NL:* 50

Ground elevation: 670.0 *Depth to bedrock:* 24.0 *Bedrock elevation:* 646.0 *Aquifier elevation:*

UTM Easting: 548796.0 *UTM Northing:* 4304490.0

Well Log

Top	Bottom	Formation
0.0	4.0	DIRT
4.0	13.0	BOULDERS
13.0	14.0	MUD HOLE
14.0	23.0	BLUE LS HARD
23.0	24.0	MUD LOLE
24.0	35.0	BLUE LS HARD
35.0	52.0	WH LS SOFT
52.0	96.0	BLUE LS HARD
96.0	98.0	BLUE SH SOFT
98.0	112.0	BLUE LS HARD
112.0	115.0	BLUE SH SOFT
115.0	121.0	BLUE LS HARD
121.0	150.0	BLUE SH SOFT

Comments MC645;

68

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217394	APPR. 2MI E OF BEDFORD ON US 50 N/SIDE OF HIGHWAY	Thu, May 05, 1966

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	HAROLD HEWITT	BEDFORD, IND. R.R.6	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	BEDFORD, IND. R.R. 6	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 150.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:*	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test *Type of test:* *Test rate:* gpm for hrs. *BailTest rate:* 0.5 gpm for hrs.
Drawdown: ft. *Static water level:* 20.0 ft.

Grouting Information *Material:* *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment *Sealing material:* *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1E
Section: NE 1/4 of the NE 1/4 of the SE 1/4 of Section 8 *Topo map:* BARTLETTSVILLE
Field located by: JUH *on:* Mon, Aug 01, 1966
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: 100 *Ft N of SL:* 2100 *Ft E of WL:* *Ft S of NL:*
Ground elevation: 660.0 *Depth to bedrock:* 5.0 *Bedrock elevation:* 655.0 *Aquifier elevation:*
UTM Easting: 550084.0 *UTM Northing:* 4303557.0

Well Log

Top	Bottom	Formation
0.0	5.0	DIRT
5.0	8.0	LS BOULDERS
8.0	45.0	BR LS HARD
45.0	51.0	GRAY LS HARD
51.0	89.0	BLUE LS HARD
89.0	105.0	GRAY LS HARD
105.0	108.0	BLUE LS SOFT
108.0	115.0	BLUE LS HARD
115.0	150.0	BLUE SH SOFT

Comments MC655:

69

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217399	APPR. 3MI E OF BEDFORD, IND. ON US 58	Wed, Oct 14, 1964

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	RAYMOND STIPP	BEDFORD, IND. R.R. 3	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	BEDFORD, IND. R.R. 6	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	*Use:* STOCK	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 150.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:*	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 3.0 gpm for hrs.
Drawdown: ft. *Static water level:* 45.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1E
Section: NE 1/4 of the NW 1/4 of the NE 1/4 of Section 8 *Topo map:* BARTLETTSVILLE
Field located by: JCH *on:* Mon, Aug 01, 1966
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: 1300 *Ft N of SL:* *Ft E of WL:* *Ft S of NL:* 300
Ground elevation: 640.0 *Depth to bedrock:* 5.0 *Bedrock elevation:* 635.0 *Aquifer elevation:*
UTM Easting: 549679.0 *UTM Northing:* 4304419.0

Well Log

Top	Bottom	Formation
0.0	8.0	DIRT
8.0	12.0	LS BOULDERS
12.0	53.0	BLUE LS HARD
53.0	79.0	GRAY LS HARD
79.0	150.0	BLUE SH SOFT

Comments MC635;

70

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217414	APPR 2.5MI E OF BEDFORD ON US HY 58 S/SIDE OF RD	Thu, Apr 21, 1966

	Name	*Address*	*Telephone*
Owner-Contractor Well Owner	WARREN D. RAINEY	R.R. #3 BEDFORD	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	BEDFORD, IND. R.R. 6	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 150.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:*	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 1.0 gpm for hrs.
Drawdown: ft. *Static water level:* 30.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1E
Section: SE 1/4 of the SW 1/4 of the NE 1/4 of Section 7 *Topo map:* BARTLETTSVILLE
Field located by: *on:*
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: 1900 *Ft N of SL:* *Ft E of WL:* *Ft S of NL:* 2000
Ground elevation: 670.0 *Depth to bedrock:* 10.0 *Bedrock elevation:* 660.0 *Aquifier elevation:*
UTM Easting: 547922.0 *UTM Northing:* 4303905.0

Well Log

Top	Bottom	Formation
0.0	7.0	DIRT
7.0	15.0	BLUE LS HARD
15.0	30.0	WH LS SOFT
30.0	51.0	BLUE LS HARD
51.0	66.0	BLUE SH SOFT
66.0	89.0	BLUE LS HARD
89.0	102.0	WH LS SOFT
102.0	125.0	BLUE LS HARD
125.0	150.0	BLUE SH SOFT

Comments MC660:

71

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217444	E OF BEDFORD, IND. ON US 58 TO PLEASANT RUN RD, TURN N, APPR. 1MI . WELL ON E/SIDE OF RD	Thu, Mar 30, 1967

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	DAN MATTHEWS	BEDFORD, IND	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	BEDFORD, IND. R.R. 6	
Equipment Operator	EUGENE UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 100.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 16.5	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 8.0 gpm for hrs.
Drawdown: ft. *Static water level:* 20.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1E
Section: SW 1/4 of the NW 1/4 of the SW 1/4 of Section 5 *Topo map:* BARTLETTSVILLE
Field located by: JRD *on:* Tue, Aug 08, 1978
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* 1900 *Ft E of WL:* 100 *Ft S of NL:*
Ground elevation: 690.0 *Depth to bedrock:* 9.0 *Bedrock elevation:* 681.0 *Aquifier elevation:*
UTM Easting: 548537.0 *UTM Northing:* 4305110.0

Well Log

Top	Bottom	Formation
0.0	9.0	DIRT
9.0	45.0	GRAY LS HARD
45.0	62.0	WH LS HARD
62.0	70.0	BLUE LS SOFT
70.0	83.0	GRAY LS HARD
83.0	100.0	BLUE LS HARD

Comments

MC681. OWNER VERIFIED/20' SW OF HOUSE; MC;

72

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217449	APPR. 3MI E OF BEDFORD, IND. ON US HIGHWAY 58	Tue, Apr 20, 1965

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	JEFFERSON RAGSDALE	BEDFORD, IND. R.R. 3	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	BEDFORD, IND R.R. 6	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 200.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 6.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 0.5 gpm for hrs.

Drawdown: ft. *Static water level:* 60.0 ft.

Grouting Information

Material: *Depth:* from to

Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to

Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1E

Section: NW 1/4 of the SE 1/4 of the SW 1/4 of Section 5 *Topo map:* BARTLETTSVILLE

Field located by: *on:*

Courthouse location by: *on:*

Location accepted w/o verification by: *on:*

Subdivision name: *Lot number:*

Ft W of EL: *Ft N of SL:* 1100 *Ft E of WL:* 1800 *Ft S of NL:*

Ground elevation: 630.0 *Depth to bedrock:* 5.0 *Bedrock elevation:* 625.0 *Aquifier elevation:*

UTM Easting: 549031.0 *UTM Northing:* 4304821.0

Well Log

Top	Bottom	Formation
0.0	3.0	DIRT
3.0	38.0	BLUE LS HARD
38.0	53.0	GRAY LS SOFT
53.0	200.0	BLUE SH SOFT

Comments MC625:

73

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217454	APPR. 150' E OF BEDFORD & BARTLETTSVILLE RD IN TAVEN	Wed, May 25, 1960

	Name	*Address*	*Telephone*
Owner-Contractor			
Well Owner	DELBERT BAKER	1027 O ST.	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	R.R. 6 BOX 13 BEDFORD IND	
Equipment Operator	ERNIE UMPHRESS & SONS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 98.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 40.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 1.8 gpm for 1.0 hrs.
Drawdown: ft. *Static water level:* 48.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1E
Section: SW 1/4 of the SW 1/4 of the SW 1/4 of Section 5 *Topo map:* BARTLETTSVILLE
Field located by: BARNES *on:* Mon, Aug 01, 1960
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* 450 *Ft E of WL:* 50 *Ft S of NL:*
Ground elevation: 700.0 *Depth to bedrock:* 6.0 *Bedrock elevation:* 694.0 *Aquifier elevation:*
UTM Easting: 548522.0 *UTM Northing:* 4304677.0

Well Log

Top	Bottom	Formation
0.0	6.0	DIRT
6.0	35.0	LS BOULDERS
35.0	70.0	LS WH SOFT
70.0	80.0	LS BLUE HARD
80.0	98.0	LS WH HARD

Comments MC695; LOC. ACCEPTED W/O VERIF., NO;

74

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217459	ON SR 58, 3MI E OF BEDFORD	Mon, Apr 20, 1964

	Name	*Address*	*Telephone*
Owner-Contractor			
Well Owner	WAYNE HAMMOND	BEDFORD R.R. 3	
Building Contractor			
Drilling Contractor	FLOYD STULTZ	BEDFORD IND. R.R. 4	
Equipment Operator		License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 200.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 9.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for 8.0 hrs. *BailTest rate:* 0.25 gpm for hrs.

Drawdown: ft. *Static water level:* 70.0 ft.

Grouting Information

Material: *Depth:* from to

Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to

Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1E

Section: SE 1/4 of the SW 1/4 of the SE 1/4 of Section 5 *Topo map:* BARTLETTSVILLE

Field located by: JUH *on:* Mon, Aug 01, 1966

Courthouse location by: *on:*

Location accepted w/o verification by: *on:*

Subdivision name: *Lot number:*

Ft W of EL: 1800 *Ft N of SL:* 100 *Ft E of WL:* *Ft S of NL:*

Ground elevation: 670.0 *Depth to bedrock:* 10.0 *Bedrock elevation:* 660.0 *Aquifer elevation:*

UTM Easting: 549533.0 *UTM Northing:* 4304538.0

Well Log

Top	Bottom	Formation
0.0	9.0	CLAY
9.0	95.0	LS
95.0	200.0	SOAPSTONE

Comments MC660;

75

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217464	ON BEDFORD & BARTLETTSVILLE RD ABOUT 3MI E OF BEDFORD IND. .5MI N OF SR 58	Mon, Jul 20, 1959

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	PAT MURPHEY	R.R. 5 BEDFORD IND	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	R.R. 6 BOX 13 BEDFORD IND	
Equipment Operator	ERNIE UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 80.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 27.92	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 0.16 gpm for 1.0 hrs.
Drawdown: ft. *Static water level:* 21.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1E
Section: NW 1/4 of the NW 1/4 of the SW 1/4 of Section 5 *Topo map:* BARTLETTSVILLE
Field located by: BARNES *on:* Mon, Aug 01, 1960
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* 1950 *Ft E of WL:* 300 *Ft S of NL:*
Ground elevation: 680.0 *Depth to bedrock:* 26.0 *Bedrock elevation:* 654.0 *Aquifer elevation:*
UTM Easting: 548576.0 *UTM Northing:* 4305120.0

Well Log

Top	Bottom	Formation
0.0	26.0	DIRT
26.0	60.0	WH LIME HARD
60.0	80.0	BLUE LIME HARD

Comments MC655; LOC. ACCEPTED W/O VERIF., NO;

76

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217469	A PART OF THE SW QUARTER OF SECTION 5, TOWNSHIP 5N RANGE 1E ON BARTLETTSVILLE RD	Thu, Oct 24, 1963

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	JAMES D. DECKARD	816 P. ST. BEDFORD, IND.	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	BEDFORD, IND. R.R. 6	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 200.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 24.5	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test — *Type of test:* — *Test rate:* gpm for hrs. — *BailTest rate:* 0.33 gpm for hrs.
Drawdown: ft. — *Static water level:* 60.0 ft.

Grouting Information — *Material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Well Abandonment — *Sealing material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Administrative

County: LAWRENCE — *Township:* 5N *Range:* 1E
Section: SW 1/4 of the SW 1/4 of the SW 1/4 of Section 5 — *Topo map:* BARTLETTSVILLE
Field located by: JUH — *on:* Mon, Aug 01, 1966
Courthouse location by: — *on:*
Location accepted w/o verification by: — *on:*
Subdivision name: — *Lot number:*
Ft W of EL: — *Ft N of SL:* 600 — *Ft E of WL:* 100 — *Ft S of NL:*
Ground elevation: 710.0 — *Depth to bedrock:* 5.0 — *Bedrock elevation:* 705.0 — *Aquifer elevation:*
UTM Easting: 548533.0 — *UTM Northing:* 4304733.0

Well Log

Top	Bottom	Formation
0.0	4.0	DIRT
4.0	17.0	BROKEN LS
17.0	30.0	GRAY LS SOFT
30.0	55.0	WH LS SOFT
55.0	97.0	BLUE LS HARD
97.0	125.0	GRAY LS HARD
125.0	134.0	BLUE LS HARD
134.0	140.0	BLUE SH SOFT
140.0	158.0	BLUE LS HARD
158.0	200	BLUE SH SOFT

Comments MC705.

77

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217474	3MI N E OF BEDFORD IND ON BEDFORD & BARTHERSVILLE RD	Thu, Jul 16, 1959

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	RICHARD ALLEN	67E. 17TH ST. BEDFORD, IND	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	R.R. 6 BOX 13 BEDFORD IND	
Equipment Operator	BUAYRNS ERE	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 69.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 14.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 1.0 gpm for 1.0 hrs.
Drawdown: ft. *Static water level:* 48.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1E
Section: SW 1/4 of the SW 1/4 of the SW 1/4 of Section 5 *Topo map:* BARTLETTSVILLE
Field located by: BARNES *on:* Mon, Aug 01, 1960
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* 400 *Ft E of WL:* 50 *Ft S of NL:*
Ground elevation: 690.0 *Depth to bedrock:* 4.0 *Bedrock elevation:* 686.0 *Aquifer elevation:*
UTM Easting: 548538.0 *UTM Northing:* 4304645.0

Well Log

Top	Bottom	Formation
0.0	4.0	DIRT
4.0	10.0	SHELLIE LIME
10.0	69.0	WH LIME ,NOT TO HARD

Comments

MC685. LOC. ACETED W/O VERIF., NO;

Record of Water Well

78

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217676	4 MILES NE OF BEDFORD IN - 1 MI E OF MT. PLEASANT CHRISTIAN CHURCH NW CORNER OF SEC. 31, TWP. 6	Tue, Dec 01, 1964

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	VIRN STULTZ	RR 4, BEDFORD IN	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	RR 6, BEDFORD IN	
Equipment Operator	E. & C. UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 200.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 28.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test — *Type of test:* — *Test rate:* gpm for hrs. — *BailTest rate:* 0.3 gpm for hrs.
Drawdown: ft. — *Static water level:* 90.0 ft.

Grouting Information — *Material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Well Abandonment — *Sealing material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Administrative

County: LAWRENCE — *Township:* 6N *Range:* 1E
Section: NW 1/4 of the SE 1/4 of the SW 1/4 of Section 31 — *Topo map:* BARTLETTSVILLE
Field located by: JVH — *on:* Mon, Aug 01, 1966
Courthouse location by: — *on:*
Location accepted w/o verification by: — *on:*
Subdivision name: — *Lot number:*
Ft W of EL: — *Ft N of SL:* 700 — *Ft E of WL:* 2200 — *Ft S of NL:*
Ground elevation: 630.0 — *Depth to bedrock:* 5.0 — *Bedrock elevation:* 625.0 — *Aquifer elevation:*
UTM Easting: 547401.0 — *UTM Northing:* 4306326.0

Well Log

Top	Bottom	Formation
0.0	5.0	DIRT
5.0	23.0	BLUE LIMESTONE BOULDERS MUDHOL
23.0	56.0	BLUE LIMESTONE HARD
56.0	81.0	GRAY LIMESTONE HARD
81.0	200.0	BLUE SHALE SOFT

Comments MC625

79

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217681	SIX MILES NE OF BEDFORD	Mon, Oct 05, 1959

	Name	*Address*	*Telephone*
Owner-Contractor			
Well Owner	PAUL FISH	RR 4 BEDFORD IN	
Building Contractor			
Drilling Contractor	FLOYD STULTZ	RR 4, BEDFORD IN	
Equipment Operator	FLOYD STULTZ	License:	

Construction Details

Well	*Use:*	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 125.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 7.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 1.0 gpm for 8.0 hrs.
Drawdown: ft. *Static water level:* 40.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 6N *Range:* 1E
Section: SW 1/4 of the NW 1/4 of the SW 1/4 of Section 31 *Topo map:* BARTLETTSVILLE
Field located by: BARNES *on:* Mon, Aug 01, 1960
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* 1600 *Ft E of WL:* 300 *Ft S of NL:*
Ground elevation: 680.0 *Depth to bedrock:* 7.0 *Bedrock elevation:* 673.0 *Aquifier elevation:*
UTM Easting: 546658.0 *UTM Northing:* 4306524.0

Well Log

Top	Bottom	Formation
0.0	7.0	CLAY
7.0	11.0	SANDSTONE
11.0	31.0	SOAPSTONE
31.0	90.0	HARD LIMESTONE
90.0	125.0	SOAPSTONE

Comments MC675

Record of Water Well

80

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217686	ABOUT 6 MILES NE OF BEDFORD AND ABOUT 1-1/2 MI NW OF PLEASANT RUN CHURCH WHICH IS ON BEDFORD & BARTLETTSVILLE ROAD	Tue, Aug 11, 1959

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	EARL BARTLET	RR 4, BEDFORD	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	RR 6 BEDFORD IN	
Equipment Operator	B. ERIE	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 280.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 11.3	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 0.13 gpm for 1.0 hrs.
Drawdown: ft. *Static water level:* 145.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 6N *Range:* 1E
Section: SE 1/4 of the NW 1/4 of the NW 1/4 of Section 30 *Topo map:* BARTLETTSVILLE
Field located by: BARNES *on:* Mon, Aug 01, 1960
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* *Ft E of WL:* 1500 *Ft S of NL:* 1100
Ground elevation: 750.0 *Depth to bedrock:* 9.0 *Bedrock elevation:* 741.0 *Aquifier elevation:*
UTM Easting: 547183.0 *UTM Northing:* 4308956.0

Well Log

Top	Bottom	Formation
0.0	9.0	DIRT
9.0	80.0	LIME SOFT
30.0	35.0	BLUE SHALE
35.0	80.0	WHITE LIME
80.0	85.0	BLUE SHALE
85.0	132.0	BLUE SHALE HARD
132.0	280.0	BLUE SHALE

Comments MC745

Record of Water Well

81

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217691	DRILLED AT BIG BARN FARM CORNERING AT BARTLETTSVILLE AND PLEASANT RUN ROADS, 7 MILES NE OF BEDFORD	Mon, Jul 22, 1963

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	CLAUDE HARRELL	RR 3, BOX 154, BEDFORD IN	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	RR 6 BEDFORD IN	
Equipment Operator	E. & C. UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 142.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:*	*Material:*	*Diameter:*
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* gpm for hrs.

Drawdown: ft. *Static water level:* ft.

Grouting Information

Material: *Depth:* from to

Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to

Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 6N *Range:* 1E

Section: NW 1/4 of the SE 1/4 of the SE 1/4 of Section 30 *Topo map:* BARTLETTSVILLE

Field located by: *on:*

Courthouse location by: *on:*

Location accepted w/o verification by: *on:*

Subdivision name: *Lot number:*

Ft W of EL: 1000 *Ft N of SL:* 1050 *Ft E of WL:* *Ft S of NL:*

Ground elevation: 680.0 *Depth to bedrock:* 13.0 *Bedrock elevation:* 667.0 *Aquifier elevation:*

UTM Easting: 548073.0 *UTM Northing:* 4308029.0

Well Log

Top	Bottom	Formation
0.0	13.0	DIRT
13.0	31.0	BLUE LIMESTONE HARD
31.0	46.0	GRAY LIMESTONE SOFT
46.0	61.0	BLUE LIMESTONE HARD
61.0	73.0	GRAY LIMESTONE HARD
73.0	131.0	BLUE LIMESTONE HARD
131.0	142.0	BLUE SHALE SOFT

Comments

MC 630 DRY HOLE

Record of Water Well

82

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217696	NORTH EAST OF BEDFORD IND ON MOUNT PLEASANT ROAD	Fri, Sep 23, 1960

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	LAWRENCE HARRELL		
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	BEDFORD IND. RR6 BOX 13	
Equipment Operator	ERNIE UMPHRESS & SONS	License:	

Construction Details

Well	*Use:* STOCK	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 250.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 16.25	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* gpm for hrs.
Drawdown: ft. *Static water level:* 125.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 6N *Range:* 1E
Section: SW 1/4 of the SW 1/4 of the SE 1/4 of Section 30 *Topo map:* BARTLETTSVILLE
Field located by: S&H *on:* Fri, Nov 04, 1960
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* 400 *Ft E of WL:* 2700 *Ft S of NL:*
Ground elevation: 720.0 *Depth to bedrock:* 6.0 *Bedrock elevation:* 714.0 *Aquifier elevation:*
UTM Easting: 547565.0 *UTM Northing:* 4307844.0

Well Log

Top	Bottom	Formation
0.0	6.0	DIRT
6.0	36.0	WHITE LS HARD
36.0	48.0	BLUE LS SOFT
48.0	54.0	WHITE LS HARD
54.0	102.0	BLUE LS HARD
102.0	108.0	WHITE LS SOFT
108.0	121.0	BLUE LS HARD
121.0	250.0	BLUE SHALE SOFT

Comments MC715:CHEMICAL ANALYSIS

Record of Water Well

83

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
219663		Sat, Feb 13, 1954

	Name	*Address*	*Telephone*
Owner-Contractor			
Well Owner	STEPHEN BUCK	AT CEMETERY TARRY PARK	
Building Contractor			
Drilling Contractor	HOMER ALFORD	RR #2 MITCHELL	
Equipment Operator		License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 100.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 16.0	*Material:*	*Diameter:* 5.63
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 0.35 gpm for 0.5 hrs.
Drawdown: ft. *Static water level:* ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 4N *Range:* 1W
Section: 1/4 of the 1/4 of the 1/4 of Section 3 *Topo map:* BEDFORD WEST
Field located by: *on:*
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* *Ft E of WL:* *Ft S of NL:*
Ground elevation: *Depth to bedrock:* *Bedrock elevation:* *Aquifier elevation:*
UTM Easting: *UTM Northing:*

Well Log

Top	Bottom	Formation
0.0	16.0	OVRBRDN CLAY BLDRS BRKN LS
16.0	100.0	LS

Comments APPROX LOC: WELL HAS RESERVE CAP 80 GAL.

84

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
219668	APPROX. 3MI S BEDFORD ON OLD RD 37 ACROSS FROM CRESTHAVEN CEMETRY	Mon, May 11, 1964

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	APPLACRES, INC.	R. #1 BEDFORD, IND.	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	BEDFORD, IND. R.R,. 6	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 258.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 35.5	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test *Type of test:* *Test rate:* gpm for hrs. *BailTest rate:* 0.75 gpm for hrs.
Drawdown: ft. *Static water level:* 50.0 ft.

Grouting Information *Material:* *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment *Sealing material:* *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 4N *Range:* 1W
Section: SW 1/4 of the NE 1/4 of the SW 1/4 of Section 3 *Topo map:* BEDFORD WEST
Field located by: DW *on:* Tue, Aug 17, 1971
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* *Ft E of WL:* 1550 *Ft S of NL:* 1800
Ground elevation: 610.0 *Depth to bedrock:* 29.0 *Bedrock elevation:* 581.0 *Aquifier elevation:*
UTM Easting: 542436.0 *UTM Northing:* 4295420.0

Well Log

Top	Bottom	Formation
0.0	7.0	DIRT
7.0	29.0	BOULDERS & MUD HOLE
24.0	38.0	WH LS HARD
38.0	60.0	BR LS SOFT
60.0	94.0	WH LS HARD
94.0	103.0	GRAY LS HARD
103.0	108.0	BL E LS HARD
108.0	114.0	BL E LS SOFT
114.0	131.0	BL E LS HARD
131.0	136.0	GRAY LS SOFT
136.0	158.0	BL E LS HARD
158.0	187.0	GRAY LS HARD
187.0	200.0	W LS SOFT

	200.0	258.0	BLUE SH SOFT

Comments MC580; VERIFIED BY MANAGER, MC;

Record of Water Well

85

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
219673	100YDS W OF KELLY CASTLY SPRING. 300YRS SW OF E. FORK WH RIVER. .5MI DOWN STREAM FROM MONON BRIDGE	Wed, Mar 22, 1967

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	ROBERT M. & LOIS B. MOWERY	105 SHAWNEE DRIVE BEDFORD, IND	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	BEDFORD, IND. R.R. 6	
Equipment Operator	EUGENE UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 218.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 21.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 1.0 gpm for hrs.

Drawdown: ft. *Static water level:* 93.0 ft.

Grouting Information

Material: *Depth:* from to

Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to

Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 4N *Range:* 1W

Section: SW 1/4 of the NE 1/4 of the NW 1/4 of Section 3 *Topo map:* BEDFORD WEST

Field located by: PW *on:* Tue, Aug 17, 1971

Courthouse location by: *on:*

Location accepted w/o verification by: *on:*

Subdivision name: *Lot number:*

Ft W of EL: *Ft N of SL:* *Ft E of WL:* 1950 *Ft S of NL:* 1150

Ground elevation: 620.0 *Depth to bedrock:* 15.0 *Bedrock elevation:* 605.0 *Aquifier elevation:*

UTM Easting: 542539.0 *UTM Northing:* 4296121.0

Well Log

Top	Bottom	Formation
0.0	1.0	DIRT
1.0	15.0	BOULDERS & BROKEN LS
15.0	48.0	GRAY LS SOFT
48.0	57.0	BLUE LS HARD
57.0	84.0	GRAY LS SOFT
84.0	106.0	BLUE LS HARD
106.0	112.0	GRAY LS SOFT
112.0	151.0	BLUE LS HARD
151.0	185.0	WH LS SOFT
185.0	195.0	BLUE SH SOFT
195.0	218.0	WH LS SOFT

Comments MC605: VERIFIED BY OWNER, MC;

Indiana Department of Natural Resources Page 1 of 1

Record of Water Well

86

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
219678	JUNCTION 50 & 37 WEST ON RD. 50 TO FIRST RD NORTH 1000 FT ON RIGHT	Fri, Oct 04, 1963

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	WILLIAM LEWIS	11 MURRAY, BEDFORD	
Building Contractor			
Drilling Contractor	WILLARD ENGLISH & SON	RR 1, CLAYTON IN	
Equipment Operator	LEON ENGLISH	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* ROTARY	*Pump type:*
	Depth: 280.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 44.0	*Material:*	*Diameter:* 5.5
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 0.67 gpm for hrs.

Drawdown: ft. *Static water level:* 50.0 ft.

Grouting Information

Material: *Depth:* from to

Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to

Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 4N *Range:* 1W

Section: SW 1/4 of the NW 1/4 of the NW 1/4 of Section 3 *Topo map:* BEDFORD WEST

Field located by: JVH *on:* Mon, Aug 01, 1966

Courthouse location by: *on:*

Location accepted w/o verification by: *on:*

Subdivision name: *Lot number:*

Ft W of EL: *Ft N of SL:* *Ft E of WL:* 400 *Ft S of NL:* 1000

Ground elevation: 610.0 *Depth to bedrock:* 5.0 *Bedrock elevation:* 605.0 *Aquifier elevation:*

UTM Easting: 542088.0 *UTM Northing:* 4296145.0

Well Log

Top	Bottom	Formation
0.0	0.0	BLANK

Comments MC605

87

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
219683	3MI S OF BEDFORD, IND. ON SAND PIT RD	Thu, May 02, 1968

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	JOHN TINCHER	BEDFORD, IND.	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	BEDFORD, IND. R.R. 6	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	***Use:*** STOCK	***Drilling method:*** CABLE TOOL	***Pump type:***
	Depth: 148.0	***Pump setting depth:***	***Water quality:***
Casing	***Length:*** 22.5	***Material:***	***Diameter:*** 6.0
Screen	***Length:***	***Material:***	***Diameter: Slot size:***

Well Capacity Test ***Type of test:*** ***Test rate:*** gpm for hrs. ***BailTest rate:*** 0.25 gpm for hrs.
Drawdown: ft. ***Static water level:*** 40.0 ft.

Grouting Information ***Material:*** ***Depth:*** from to
Installation Method: ***Number of bags used:***

Well Abandonment ***Sealing material:*** ***Depth:*** from to
Installation Method: ***Number of bags used:***

Administrative

County: LAWRENCE ***Township:*** 4N ***Range:*** 1W
Section: NW 1/4 of the NW 1/4 of the NW 1/4 of Section 2 ***Topo map:*** BEDFORD EAST
Field located by: PW ***on:*** Mon, Aug 16, 1971
Courthouse location by: ***on:***
Location accepted w/o verification by: ***on:***
Subdivision name: ***Lot number:***
Ft W of EL: ***Ft N of SL:*** ***Ft E of WL:*** 450 ***Ft S of NL:*** 100
Ground elevation: 590.0 ***Depth to bedrock:*** 12.0 ***Bedrock elevation:*** 578.0 ***Aquifier elevation:***
UTM Easting: 543661.0 ***UTM Northing:*** 4296439.0

Well Log

Top	Bottom	Formation
0.0	12.0	DIRT
12.0	33.0	BR LS SOFT
33.0	60.0	WH LS SOFT
60.0	92.0	BLUE LS HARD
92.0	127.0	WH LS HARD
127.0	148.0	BLUE LS HARD

Comments MC580; VERIFIED BY OWNER. MC;

Record of Water Well

88

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
219688	4 MILES S BEDFORD OVERLOOKING WHITE RIVER	Mon, Nov 02, 1964

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	BEDFORD CHRISTIAN CAMP	BEDFORD IN	
Building Contractor			
Drilling Contractor	GEORGE SNAPP	RR 4, BLOOMINGTON IN	
Equipment Operator	GEORGE SNAPP	License:	

Construction Details

Well	*Use:* PUBLIC SUPPLY	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 100.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 39.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 4.0 gpm for hrs.
Drawdown: ft. *Static water level:* 30.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 4N *Range:* 1W
Section: SW 1/4 of the NW 1/4 of the NE 1/4 of Section 2 *Topo map:* BEDFORD EAST
Field located by: JVH *on:* Mon, Aug 01, 1966
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: 2200 *Ft N of SL:* *Ft E of WL:* *Ft S of NL:* 1200
Ground elevation: 550.0 *Depth to bedrock:* 35.0 *Bedrock elevation:* 515.0 *Aquifier elevation:*
UTM Easting: 544420.0 *UTM Northing:* 4296129.0

Well Log

Top	Bottom	Formation
0.0	0.0	BLANK

Comments MC515: SMALL SULPHUR CONTENT

Record of Water Well

89

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
219734	FROM FAYETTEVILLE GO SOUTH APPROX. 3 MILES TO COXTON, GO SOUTH 1/2 MILE, CROSS CATTLE GUARD, GO TO LAST FARM HOUSE	Sun, Mar 20, 1960

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	FRANK SCHERSCHEL	RFD 1, BEDFORD	
Building Contractor			
Drilling Contractor	LOUIE O. SMITH	R #1, BEDFORD	
Equipment Operator	L. O. SMITH	License:	

Construction Details

Well	***Use:*** STOCK	***Drilling method:*** CABLE TOOL	***Pump type:***
	Depth: 200.0	***Pump setting depth:***	***Water quality:***
Casing	***Length:***	***Material:***	***Diameter:***
Screen	***Length:***	***Material:***	***Diameter: Slot size:***

Well Capacity Test ***Type of test:*** ***Test rate:*** gpm for hrs. ***BailTest rate:*** 1.5 gpm for 1.0 hrs.
Drawdown: ft. ***Static water level:*** 20.0 ft.

Grouting Information ***Material:*** ***Depth:*** from to
Installation Method: ***Number of bags used:***

Well Abandonment ***Sealing material:*** ***Depth:*** from to
Installation Method: ***Number of bags used:***

Administrative

County: LAWRENCE ***Township:*** 4N ***Range:*** 1W
Section: NW 1/4 of the NW 1/4 of the NW 1/4 of Section 5 ***Topo map:*** BEDFORD WEST
Field located by: BARNES ***on:*** Fri, Jul 01, 1960
Courthouse location by: ***on:***
Location accepted w/o verification by: ***on:***
Subdivision name: ***Lot number:***
Ft W of EL: ***Ft N of SL:*** ***Ft E of WL:*** 400 ***Ft S of NL:*** 100
Ground elevation: 520.0 ***Depth to bedrock:*** ***Bedrock elevation:*** ***Aquifer elevation:***
UTM Easting: 538869.0 ***UTM Northing:*** 4296348.0

Well Log

Top	Bottom	Formation
0.0	0.0	BLANK

Comments MC

90

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
219739	NEAR BEDFORD	Sat, Jul 03, 1954

	Name	*Address*	*Telephone*
Owner-Contractor			
Well Owner	JOHN WAGNER	WOODS TERRY RD	
Building Contractor			
Drilling Contractor	HOMER ALFORD	RR #3 MITCHELL	
Equipment Operator		License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 150.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 28.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 0.33 gpm for hrs.
Drawdown: ft. *Static water level:* 67.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 4N *Range:* 1W
Section: 1/4 of the NE 1/4 of the NW 1/4 of Section 4 *Topo map:* BEDFORD WEST
Field located by: *on:*
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* *Ft E of WL:* *Ft S of NL:*
Ground elevation: *Depth to bedrock:* *Bedrock elevation:* *Aquifier elevation:*
UTM Easting: 540985.0 *UTM Northing:* 4296357.0

Well Log

Top	Bottom	Formation
0.0	0.0	WATER @120'
0.0	25.0	OVRBRN CLY ROCKS BRKN LS
25.0	28.0	SOLID ROCK
28.0	150.0	LS

Comments WELL HAS 110 GAL RESERVE CAP. WATER @ 120'.

Record of Water Well

91

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
219744	BETWEEN MITCHELL & BEDFORD ON SR 37 AT STOP LIGHT WELL #3	Thu, Oct 03, 1968

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	MARATHON OIL SERVICE STATION		
Building Contractor			
Drilling Contractor	JOHN REYNOLDS & SONS, INC.	WEST BADEN, IND. R.R. #1	
Equipment Operator	DON CALLAHAN, HOWE WALKER	License:	

Construction Details

Well	*Use:* INDUSTRY	*Drilling method:* ROTARY	*Pump type:*
	Depth: 303.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 58.0	*Material:*	*Diameter:* 6.63
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 2.0 gpm for hrs.

Drawdown: ft. *Static water level:* 60.67 ft.

Grouting Information

Material: *Depth:* from to

Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to

Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 4N *Range:* 1W

Section: SE 1/4 of the SE 1/4 of the NE 1/4 of Section 4 *Topo map:* BEDFORD WEST

Field located by: PW *on:* Sun, Jan 17, 1971

Courthouse location by: *on:*

Location accepted w/o verification by: *on:*

Subdivision name: *Lot number:*

Ft W of EL: 100 *Ft N of SL:* *Ft E of WL:* *Ft S of NL:* 2050

Ground elevation: 610.0 *Depth to bedrock:* 3.0 *Bedrock elevation:* 607.0 *Aquifer elevation:*

UTM Easting: 541952.0 *UTM Northing:* 4295829.0

Well Log

Top	Bottom	Formation
0.0	3.0	CLAY
3.0	11.0	LS
11.0	14.0	BROKEN STONE & MUD
14.0	20.0	LS
20.0	30.0	SS
30.0	58.0	LIME
58.0	303.0	LS

Comments MC605. VERIFIED BY MANAGER. MC: LAW 503;

92

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
219749	.25MI N OF JCT SR 37&50 S OF BEDFORD ON WOODS FERRY RD .25MI FROM SR 50	Wed, Jan 17, 1968

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	CHARLES WOOD	BEDFORD, R.R. 1	
Building Contractor			
Drilling Contractor	RAY E. ALFORD	MITCHELL R.R. 2	
Equipment Operator	RAY E. ALFORD	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 175.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 49.0	*Material:*	*Diameter:* 6.63
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 0.5 gpm for hrs.
Drawdown: ft. *Static water level:* 70.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 4N *Range:* 1W
Section: NW 1/4 of the SE 1/4 of the NE 1/4 of Section 4 *Topo map:* BEDFORD WEST
Field located by: PW *on:* Tue, Aug 17, 1971
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: 1200 *Ft N of SL:* *Ft E of WL:* *Ft S of NL:* 1500
Ground elevation: 615.0 *Depth to bedrock:* 49.0 *Bedrock elevation:* 566.0 *Aquifier elevation:*
UTM Easting: 541589.0 *UTM Northing:* 4295980.0

Well Log

Top	Bottom	Formation
0.0	49.0	SOIL & CLAY
49.0	67.0	GRAY LIME
67.0	72.0	BR LIME
72.0	108.0	WH LIME
108.0	175.0	GRAY LIME

Comments MC565;

93

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
219754	SW OF BEDFORD IND ON SR 50 ABOUT 2MI AFTER TURNING W OF 37&50	Tue, Sep 01, 1959

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	EARVIN AND THELMA W MEADOWS	RR 1 BOX 234 BEDFORD, IND.	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	R.R. 6 BOX 13 BEDFORD IND.	
Equipment Operator	ERIC BUCYRUS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 210.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 63.3	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 2.0 gpm for 1.0 hrs.
Drawdown: ft. *Static water level:* 90.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 4N *Range:* 1W
Section: SW 1/4 of the NW 1/4 of the SE 1/4 of Section 4 *Topo map:* BEDFORD WEST
Field located by: BARNES *on:* Fri, Jul 01, 1960
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: 2250 *Ft N of SL:* 1600 *Ft E of WL:* *Ft S of NL:*
Ground elevation: 595.0 *Depth to bedrock:* *Bedrock elevation:* *Aquifier elevation:*
UTM Easting: 541272.0 *UTM Northing:* 4295345.0

Well Log

Top	Bottom	Formation
0.0	20.0	DIRT
20.0	60.0	SOFTLIME&SHALEYE[illegible]LLOFMUDHOLE
60.0	155.0	HARD WH LIME
155.0	165.0	SOFT BLUE LIME
165.0	190.0	HARD BLUE LIME
190.0	195.0	SOFT BLUE LIME
195.0	210.0	HARD BLUE

Comments [illegible] LOC. ACCEPTED W/O VERIF. NO;

94

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
219759	GOING NORTH ON HIGHWAY 37 & 50 AT JUNCTION, SOUTH OF WHITE RIVER TURN LEFT 1ST ROAD APPROX. 1/4 MI	Wed, Sep 21, 1966

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	BILL BUCK		
Building Contractor			
Drilling Contractor	LOUIE O. SMITH	R #1, BEDFORD	
Equipment Operator	L. O. SMITH	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 150.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 54.0	*Material:*	*Diameter:* 6.25
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 2.0 gpm for 3.0 hrs.
Drawdown: ft. *Static water level:* 75.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 4N *Range:* 1W
Section: NW 1/4 of the NE 1/4 of the NE 1/4 of Section 4 *Topo map:* BEDFORD WEST
Field located by: PW *on:* Mon, Aug 17, 1970
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: 850 *Ft N of SL:* *Ft E of WL:* *Ft S of NL:* 100
Ground elevation: 600.0 *Depth to bedrock:* 15.0 *Bedrock elevation:* 585.0 *Aquifier elevation:*
UTM Easting: 541728.0 *UTM Northing:* 4296419.0

Well Log

Top	Bottom	Formation
0.0	0.0	BLANK

Comments MC585; VERIFIED BY BUILDER, MC

95

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
320179	.5 MI S OF JCT 50 & 37 ON HWY37, LT ON WESLYN CHURCH, GO .5 MI E ACROSS RR TRACKS, 3RD HOUSE ON RT	Fri, Nov 06, 1992

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	BEN GRIMES	904 BROOK ST., MITCHELL, IN 47446	
Building Contractor			
Drilling Contractor	S&S DRILLING INC.	R1 MONTGOMERY, IN 47558	
Equipment Operator	DEXTER SWARTZENTRUBER	License: 302	

Construction Details

Well	***Use:*** HOME	***Drilling method:*** ROTARY	***Pump type:***
	Depth: 180.0	***Pump setting depth:***	***Water quality:***
Casing	***Length:*** 55.0	***Material:*** PVC	***Diameter:*** 6.0
Screen	***Length:*** 140.0	***Material:*** PVC	***Diameter:*** 4.5 ***Slot size:***

Well Capacity Test ***Type of test:*** ***Test rate:*** 7.0 gpm for hrs. ***BailTest rate:*** gpm for hrs.
Drawdown: ft. ***Static water level:*** ft.

Grouting Information ***Material:*** BNSL ***Depth:*** from 55.0 to 0.0
Installation Method: PUMP ***Number of bags used:*** 2.0

Well Abandonment ***Sealing material:*** ***Depth:*** from to
Installation Method: ***Number of bags used:***

Administrative

County: LAWRENCE ***Township:*** 4N ***Range:*** 1W
Section: 1/4 of the 1/4 of the 1/4 of Section 3 ***Topo map:*** BEDFORD EAST
Field located by: ***on:***
Courthouse location by: ***on:***
Location accepted w/o verification by: ***on:***
Subdivision name: ***Lot number:***
Ft W of EL: ***Ft N of SL:*** ***Ft E of WL:*** ***Ft S of NL:***
Ground elevation: ***Depth to bedrock:*** ***Bedrock elevation:*** ***Aquifier elevation:***
UTM Easting: ***UTM Northing:***

Well Log

Top	Bottom	Formation
0.0	15.0	CLAY
15.0	16.0	LS
16.0	23.0	GREEN SH
23.0	34.0	LS
34.0	38.0	SOFT GRAY SH
38.0	44.0	LS
44.0	47.0	FRACTURED LIME/MUDDY CLAY
57.0	91.0	TAN LIME
91.0	93.0	FRACTURED LIME
93.0	110.0	BRN LIME
110.0	115.0	DOLOMITE LIME
115.0	180.0	TAN LIME

Comments

96

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
220473	APP T MI SE OF BEDFORD IN ON WHITE RIVER KNOWN AS DUNCAN BEND	Sat, Jan 21, 1967

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	GENERAL J HALE	BEDFORD RR 5	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	BEDFORD IN RR6	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	***Use:*** OTHER	***Drilling method:***	***Pump type:***
	Depth: 150.0	***Pump setting depth:***	***Water quality:***
Casing	***Length:*** 33.5	***Material:***	***Diameter:*** 6.0
Screen	***Length:***	***Material:***	***Diameter: Slot size:***

Well Capacity Test ***Type of test:*** ***Test rate:*** gpm for hrs. ***BailTest rate:*** 0.1 gpm for hrs.
Drawdown: ft. ***Static water level:*** 75.0 ft.

Grouting Information ***Material:*** ***Depth:*** from to
Installation Method: ***Number of bags used:***

Well Abandonment ***Sealing material:*** ***Depth:*** from to
Installation Method: ***Number of bags used:***

Administrative

County: LAWRENCE ***Township:*** 4N ***Range:*** 1E
Section: NW 1/4 of the SW 1/4 of the NE 1/4 of Section 6 ***Topo map:*** BEDFORD EAST
Field located by: PJ ***on:*** Mon, Aug 16, 1971
Courthouse location by: ***on:***
Location accepted w/o verification by: ***on:***
Subdivision name: ***Lot number:***

Ft W of EL: 2200	***Ft N of SL:***	***Ft E of WL:***	***Ft S of NL:*** 1550
Ground elevation: 540.0	***Depth to bedrock:*** 8.0	***Bedrock elevation:*** 532.0	***Aquifer elevation:***
UTM Easting: 548019.0		***UTM Northing:*** 4296047.0	

Well Log

Top	Bottom	Formation
0.0	8.0	DIRT
8.0	12.0	GRAY LS HARD
12.0	28.0	BROKEN LS SOFT
28.0	33.0	BLUE LS HARD
33.0	150.0	BLUE SH SOFT

Comments MC 530: VERIFIED BY NEIGHBOR

97

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
220478	WELL IS 5-1/2 MILES SE OF BEDFORD AND 1/4 MI W OF TUNNELTON ROAD, 33 FT. NW OF BARN	Thu, Oct 12, 1961

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	WM. DUNCAN	R 5, BEDFORD IN	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	RR 6, BEDFORD IN	
Equipment Operator	ERNIE UMPHRESS & SONS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 112.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 51.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 0.02 gpm for 1.0 hrs.
Drawdown: ft. *Static water level:* 32.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 4N *Range:* 1E
Section: NE 1/4 of the SE 1/4 of the NE 1/4 of Section 6 *Topo map:* BEDFORD EAST
Field located by: JVH *on:* Mon, Aug 01, 1966
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: 100 *Ft N of SL:* *Ft E of WL:* *Ft S of NL:* 1800
Ground elevation: 520.0 *Depth to bedrock:* 50.0 *Bedrock elevation:* *Aquifer elevation:*
UTM Easting: 548642.0 *UTM Northing:* 4293972.0

Well Log

Top	Bottom	Formation
0.0	0.0	BLANK

Comments MC470

98

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217373	FROM FAYETTEVILLE ON 58 E, 1ST RD TO R. TURN R ON NEXT RD, 1ST FARM HOUSE.	Sat, Jul 01, 1950

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	HALE HALL	R#2, BEDFORD	
Building Contractor			
Drilling Contractor	LOUIE O. SMITH	R#1, BEDFORD	
Equipment Operator	LOUIE O. SMITH	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 179.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 24.5	*Material:*	*Diameter:* 6.25
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test *Type of test:* *Test rate:* gpm for hrs. *BailTest rate:* 3.0 gpm for hrs.
Drawdown: ft. *Static water level:* 117.0 ft.

Grouting Information *Material:* *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment *Sealing material:* *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 2W
Section: SW 1/4 of the NW 1/4 of the NE 1/4 of Section 24 *Topo map:* BEDFORD WEST
Field located by: BAINES *on:* Fri, Jul 01, 1960
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: 2400 *Ft N of SL:* *Ft E of WL:* *Ft S of NL:* 800
Ground elevation: 600.0 *Depth to bedrock:* *Bedrock elevation:* *Aquifer elevation:*
UTM Easting: *UTM Northing:*

Well Log

Top	Bottom	Formation
0.0	22.0	RED CLAY
22.0	65.0	WH LIME
65.0	85.0	WH HARD LIME
85.0	105.0	GRAY SOFT LIME
105.0	110.0	WH LIME
110.0	125.0	GRAY SOFT LIME
125.0	179.0	WH AGR LIME

Comments MC:

99

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217523	3 MI E OF FAYETTEVILLE ON BUTTERFLY LANE, E SIDE.	Wed, Jun 05, 1963

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	MARVEL MAY	RR#2, BEDFORD IN	
Building Contractor			
Drilling Contractor	PAUL STULTZ	1420 W 14TH ST, BLOOMINGTON IN	
Equipment Operator	OREN LAKE	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 149.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 72.3	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test: *Type of test:* | *Test rate:* gpm for hrs. | *BailTest rate:* 60.0 gpm for hrs.
Drawdown: ft. | *Static water level:* 80.0 ft.

Grouting Information: *Material:* | *Depth:* from to
Installation Method: | *Number of bags used:*

Well Abandonment: *Sealing material:* | *Depth:* from to
Installation Method: | *Number of bags used:*

Administrative

County: LAWRENCE | *Township:* 5N *Range:* 2W
Section: SE 1/4 of the SW 1/4 of the SE 1/4 of Section 13 | *Topo map:* BEDFORD WEST
Field located by: U | *on:* Tue, Oct 01, 1963
Courthouse location by: | *on:*
Location accepted w/o verification by: | *on:*
Subdivision name: | *Lot number:*
Ft W of EL: 1400 | *Ft N of SL:* 330 | *Ft E of WL:* | *Ft S of NL:*
Ground elevation: 635.0 | *Depth to bedrock:* | *Bedrock elevation:* | *Aquifier elevation:*
UTM Easting: 536624.0 | *UTM Northing:* 4301260.0

Well Log

Top	Bottom	Formation
0.0	72.0	DIRT & BROKEN STONE
72.0	149.0	MD GREY STONE

Comments

100

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217528	3 MI E OF FAYETTEVILLE IN, ON THE BUTLER FLY LANE. 1ST R, W SIDE ON STILTS.	Sat, May 25, 1963

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	KELSO FROST	RR#2, BEDFORD	
Building Contractor			
Drilling Contractor	PAUL STULTZ	1420 W 14TH ST, BLOOMINGTON IN	
Equipment Operator	OREN LAKE	License:	

Construction Details

Well	***Use:*** HOME	***Drilling method:*** CABLE TOOL	***Pump type:***
	Depth: 156.0	***Pump setting depth:***	***Water quality:***
Casing	***Length:*** 40.0	***Material:***	***Diameter:*** 6.0
Screen	***Length:***	***Material:***	***Diameter: Slot size:***

Well Capacity Test ***Type of test:*** ***Test rate:*** gpm for hrs. ***BailTest rate:*** 240.0 gpm for hrs.
Drawdown: ft. ***Static water level:*** 91.0 ft.

Grouting Information ***Material:*** ***Depth:*** from to
Installation Method: ***Number of bags used:***

Well Abandonment ***Sealing material:*** ***Depth:*** from to
Installation Method: ***Number of bags used:***

Administrative

County: LAWRENCE ***Township:*** 5N ***Range:*** 2W
Section: SE 1/4 of the SW 1/4 of the SE 1/4 of Section 13 ***Topo map:*** BEDFORD WEST
Field located by: U ***on:*** Tue, Oct 01, 1963
Courthouse location by: ***on:***
Location accepted w/o verification by: ***on:***
Subdivision name: ***Lot number:***
Ft W of EL: 1500 ***Ft N of SL:*** 100 ***Ft E of WL:*** ***Ft S of NL:***
Ground elevation: 635.0 ***Depth to bedrock:*** ***Bedrock elevation:*** ***Aquifier elevation:***
UTM Easting: 536599.0 ***UTM Northing:*** 4301199.0

Well Log

Top	Bottom	Formation
0.0	40.0	BROKEN STONE RED CLAY
40.0	156.0	GREY STONE

Comments 40" RED CLAY & BROKEN STONE 116 GREY STONE MD STONE FOR HARDNESS;

101

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217533	FROM FAYETTEVILLE CHURCH OF CHRIST 1ST HOUSE SOUTH ON EAST SIDE OF RD; 2 NEW HOUSE, SO RD	Sat, May 18, 1963

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	ROSE ROBERTSON	RR WILLIAMS, IN	
Building Contractor			
Drilling Contractor	LOUIE SMITH	R1 BEDFORD	
Equipment Operator	LOUIE SMITH	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 105.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 83.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test *Type of test:* *Test rate:* gpm for hrs. *BailTest rate:* 2.0 gpm for 2.0 hrs.
Drawdown: 5.0 ft. *Static water level:* 75.0 ft.

Grouting Information *Material:* *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment *Sealing material:* *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 2W
Section: SE 1/4 of the SW 1/4 of the SW 1/4 of Section 13 *Topo map:* BEDFORD WEST
Field located by: *on:* Tue, Oct 01, 1963
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* 330 *Ft E of WL:* 1000 *Ft S of NL:*
Ground elevation: 635.0 *Depth to bedrock:* *Bedrock elevation:* *Aquifer elevation:*
UTM Easting: 535703.0 *UTM Northing:* 4301249.0

Well Log

Top	Bottom	Formation
0.0	10.0	RED CLAY
10.0	20.0	BROKEN LS
20.0	40.0	LS
40.0	50.0	HARD LS
50.0	55.0	SOFT STONE
55.0	69.0	LS
69.0	75.0	SOFT SHELL
75.0	93.0	SOFT LIME
93.0	95.0	BLANK
95.0	103.0	LS
103.0	105.0	SHELL

Comments NEIGHBOR [illegible]

102

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217538	ABOUT .25MI W OF FAYETTEVILLE IN.	Wed, May 15, 1963

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	JOHN WAY	RR2, BEDFORD	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	RR6, BEDFORD IN	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 118.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 68.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test *Type of test:* *Test rate:* gpm for hrs. *BailTest rate:* 2.5 gpm for hrs.
Drawdown: ft. *Static water level:* 78.0 ft.

Grouting Information *Material:* *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment *Sealing material:* *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 2W
Section: NW 1/4 of the SE 1/4 of the SW 1/4 of Section 13 *Topo map:* BEDFORD WEST
Field located by: PW *on:* Thu, Aug 01, 1968
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* 800 *Ft E of WL:* 1600 *Ft S of NL:*
Ground elevation: 600.0 *Depth to bedrock:* 65.0 *Bedrock elevation:* 535.0 *Aquifier elevation:*
UTM Easting: 535886.0 *UTM Northing:* 4301402.0

Well Log

Top	Bottom	Formation
0.0	5.0	DIRT
5.0	65.0	BOULDERS MUD HOLES & STONE
65.0	79.0	GRAY LS SOFT
79.0	97.0	BLUE LS SOFT
97.0	101.0	BROKEN STONE SOFT
101.0	115.0	GRAY LS SOFT
115.0	118.0	BROKEN STONE SOFT

Comments MC 535Page 9525

Record of Water Well

103

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217543	FROM FAYETTEVILLE GOING EAST .5 MI BEHIND CHURCH OF CHRIST CHURCH	Fri, Jun 03, 1966

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	ALVAN ROLLINS	R2 BEDFORD	
Building Contractor			
Drilling Contractor	LOUIE SMITH	R1 BEDFORD	
Equipment Operator	LOUIE SMITH	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 125.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 13.0	*Material:*	*Diameter:* 6.25
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 20.0 gpm for 2.0 hrs.
Drawdown: ft. *Static water level:* 90.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 2W
Section: NW 1/4 of the SE 1/4 of the SW 1/4 of Section 13 *Topo map:* BEDFORD WEST
Field located by: MJ *on:* Wed, Aug 18, 1971
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* 900 *Ft E of WL:* 1400 *Ft S of NL:*
Ground elevation: 610.0 *Depth to bedrock:* 10.0 *Bedrock elevation:* 600.0 *Aquifier elevation:*
UTM Easting: 535820.0 *UTM Northing:* 4301463.0

Well Log

Top	Bottom	Formation
0.0	10.0	CLAY
10.0	35.0	HARD LIME
35.0	92.0	LIME
92.0	125.0	SOFT LIME

Comments MC600; VERIFIED BY OWNER

104

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217548	FROM FAYETTEVILLE, GO EAST TO 1ST RD TO RIGHT. 2ND HOUSE ON RIGHT	Wed, Aug 10, 1960

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	MRS. OPAL EMPSON	R1 WILLIAMS, IN	
Building Contractor			
Drilling Contractor	LOUIE SMITH	R1 BEDFORD	
Equipment Operator	LOUIE SMITH	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 90.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 26.0	*Material:*	*Diameter:* 6.25
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 3.0 gpm for 1.0 hrs.
Drawdown: ft. *Static water level:* 40.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 2W
Section: SE 1/4 of the NW 1/4 of the SE 1/4 of Section 13 *Topo map:* BEDFORD WEST
Field located by: S&H *on:* Wed, Nov 02, 1960
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: 1900 *Ft N of SL:* 1600 *Ft E of WL:* *Ft S of NL:*
Ground elevation: 615.0 *Depth to bedrock:* *Bedrock elevation:* *Aquifier elevation:*
UTM Easting: 536466.0 *UTM Northing:* 4301669.0

Well Log

Top	Bottom	Formation
0.0	24.0	CLAY
24.0	28.0	LIME
28.0	32.0	SHELL
32.0	35.0	LIME
35.0	49.0	LIME
49.0	50.0	SEAM
50.0	51.0	LIME
51.0	52.0	SEAM
52.0	55.0	LIME
55.0	60.0	SHELL
60.0	65.0	LIME
65.0	70.0	SHELL
70.0	90.0	LIME

Comments MC: FE 0.1 PPM, HARDNESS 353 PPM, PH 8.0, CHLORIDE 8 PPM

105

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217553	ABOUT 5 MI W ON SR158 AT 537 W & 50N & 15 RODS W. FAYETTEVILLE AREA.	Thu, Apr 25, 1968

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	MR. JAMES M. CANADA	RR1, WILLIAMS IN	
Building Contractor			
Drilling Contractor	MUMMA DRLG INC.	WASHINGTON & LYONS IN	
Equipment Operator	DEAN K. MUMMA	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* OTHER	*Pump type:*
	Depth: 130.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 35.0	*Material:*	*Diameter:* 6.62
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 5.0 gpm for 1.5 hrs.
Drawdown: ft. *Static water level:* 60.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 2W
Section: SW 1/4 of the SW 1/4 of the NE 1/4 of Section 13 *Topo map:* BEDFORD WEST
Field located by: PW *on:* Wed, Aug 18, 1971
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*

Ft W of EL: 2300	*Ft N of SL:* 2700	*Ft E of WL:*	*Ft S of NL:*
Ground elevation: 620.0	*Depth to bedrock:* 34.0	*Bedrock elevation:* 586.0	*Aquifer elevation:*
UTM Easting: 536345.0		*UTM Northing:* 4302010.0	

Well Log

Top	Bottom	Formation
0.0	34.0	CLAY & BOULDERS
34.0	105.0	LIME & BREAKS & SHALE
105.0	130.0	SANDY LIME WATER

Comments MC 585; VERIFIED BY OWNER; PH 7.8, IRON 0.5, HARDNESS 23 GRAINS; SEE MAP;

106

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217558	TAKE 16TH ST RD W OF BEDFORD, 1.5MI W EUREKA TO T RD .5 MI N OF T RD.	Thu, Apr 17, 1969

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	CHARLES H. EAGAN	SPRINGVILLE IN	
Building Contractor			
Drilling Contractor	JOHN REYNOLDS & SONS INC.	816 W MAIN ST, PAOLI IN	
Equipment Operator	WENDELL NEWLIN&DON CALLAHAN	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* OTHER	*Pump type:*
	Depth: 140.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 65.0	*Material:*	*Diameter:* 6.62
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test — *Type of test:* — *Test rate:* gpm for hrs. — *BailTest rate:* 4.0 gpm for hrs. — *Drawdown:* ft. — *Static water level:* 60.0 ft.

Grouting Information — *Material:* — *Depth:* from to — *Installation Method:* — *Number of bags used:*

Well Abandonment — *Sealing material:* — *Depth:* from to — *Installation Method:* — *Number of bags used:*

Administrative

County: LAWRENCE — *Township:* 5N *Range:* 2W

Section: SW 1/4 of the SE 1/4 of the NW 1/4 of Section 12 — *Topo map:* OOLITIC

Field located by: PW — *on:* Wed, Aug 18, 1971

Courthouse location by: — *on:*

Location accepted w/o verification by: — *on:*

Subdivision name: — *Lot number:*

Ft W of EL: — *Ft N of SL:* — *Ft E of WL:* 1700 — *Ft S of NL:* 2500

Ground elevation: 700.0 — *Depth to bedrock:* 7.0 — *Bedrock elevation:* 693.0 — *Aquifier elevation:*

UTM Easting: 535911.0 — *UTM Northing:* 4303673.0

Well Log

Top	Bottom	Formation
0.0	7.0	CLAY
7.0	15.0	LS
15.0	25.0	SOFT STONE
25.0	45.0	BROKEN STONE & MUD
45.0	55.0	LIME
55.0	115.0	BUFF COLORED LIME
115.0	120.0	HARD LIME
120.0	140.0	WATER BEARING SHALE & PORUS LI

Comments MC 695; VERIFIED BY OWNER

107

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217563	W OUT OF BEDFORD, 16TH ST TOWARD FAYETTEVILLE TURN R GO N 2.5 MI, TURN R 1ST HOUSE ON R.	Mon, Dec 03, 1973

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	DOUG KELLY	RR2, BEDFORD IN	
Building Contractor	FORREST LAKE	RR2, BEDFOR IN	
Drilling Contractor	JOHN REYNOLDS & SONS INC.	816 W MAIN ST, PAOLI IN	
Equipment Operator	GORDON BURTON	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* OTHER	*Pump type:*
	Depth: 130.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 114.0	*Material:*	*Diameter:* 6.62
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: PUMPING *Test rate:* 15.0 gpm for hrs. *BailTest rate:* gpm for hrs.
Drawdown: 40.0 ft. *Static water level:* 70.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 2W
Section: NW 1/4 of the NE 1/4 of the NW 1/4 of Section 12 *Topo map:* OOLITIC
Field located by: JRD *on:* Tue, Aug 08, 1978
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* *Ft E of WL:* 1750 *Ft S of NL:* 100
Ground elevation: 685.0 *Depth to bedrock:* 10.0 *Bedrock elevation:* 675.0 *Aquifer elevation:*
UTM Easting: 535961.0 *UTM Northing:* 4304386.0

Well Log

Top	Bottom	Formation
0.0	10.0	CLAY
10.0	25.0	LS & BROKEN ROCK
25.0	30.0	SHELL
30.0	35.0	LIME
35.0	45.0	CAVE
45.0	75.0	LS
75.0	80.0	BROKEN ROCK & MUD
80.0	100.0	LS
100.0	103.0	BROKEN ROCK
103.0	107.0	CAVE
107.0	125.0	LS
125.0	127.0	SHELL
127.0	130.0	LIME

Comments MC 675; OWNER VERIFIED/15' NW OF HOUSE:

108

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217568	GO W TO CROOSRDS AT FAYETTEVILLE-TURN R(N) THEN GOTO NEXT CROSSRDS, TURN L(W). HOUSE TRAILER IN THE FIELD.	Fri, Mar 08, 1974

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	RICHARD PIERCE	RR#2, BEDFORD IN	
Building Contractor			
Drilling Contractor	JOHN REYNOLDS & SONS INC.	816 W MAIN ST, PAOLI IN	
Equipment Operator	GORDON BURTON	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* OTHER	*Pump type:*
	Depth: 143.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 61.0	*Material:*	*Diameter:* 6.62
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test — *Type of test:* PUMPING; *Test rate:* 11.0 gpm for hrs.; *BailTest rate:* gpm for hrs.
Drawdown: 73.0 ft.; *Static water level:* 70.0 ft.

Grouting Information — *Material:*; *Depth:* from to
Installation Method:; *Number of bags used:*

Well Abandonment — *Sealing material:*; *Depth:* from to
Installation Method:; *Number of bags used:*

Administrative

County: LAWRENCE; *Township:* 5N *Range:* 2W
Section: NW 1/4 of the NW 1/4 of the NW 1/4 of Section 12; *Topo map:* OOLITIC
Field located by: JRD; *on:* Tue, Aug 08, 1978
Courthouse location by:; *on:*
Location accepted w/o verification by:; *on:*
Subdivision name:; *Lot number:*
Ft W of EL:; *Ft N of SL:*; *Ft E of WL:* 400; *Ft S of NL:* 300
Ground elevation: 690.0; *Depth to bedrock:* 10.0; *Bedrock elevation:* 680.0; *Aquifier elevation:*
UTM Easting: 535534.0; *UTM Northing:* 4304338.0

Well Log

Top	Bottom	Formation
0.0	10.0	CLAY
10.0	15.0	LS
15.0	20.0	SHELL
20.0	25.0	LIME
25.0	47.0	BROKEN ROCK & MUD
47.0	50.0	LIME
50.0	55.0	MUD
55.0	100.0	LIME
100.0	105.0	SHELL
105.0	143.0	LIME

Comment MC 680; OWNER VERIFIED/50' W OF TRAILER

109

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217573	FROM FAYETTEVILLE GOING EAST, TURN 1ST RD NORTH 4TH HOUSE ON LEFT	Tue, Sep 17, 1963

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	JAMES CHASTAIN	R2 BEDFORD	
Building Contractor			
Drilling Contractor	LOUIE SMITH	R1 BEDFORD	
Equipment Operator	LOUIE SMITH	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 175.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 40.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 2.0 gpm for 2.0 hrs.
Drawdown: ft. *Static water level:* 140.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 2W
Section: NE 1/4 of the SW 1/4 of the NW 1/4 of Section 12 *Topo map:* OOLITIC
Field located by: JVH *on:* Mon, Aug 01, 1966
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* *Ft E of WL:* 1000 *Ft S of NL:* 1800
Ground elevation: 730.0 *Depth to bedrock:* *Bedrock elevation:* 690.0 *Aquifier elevation:*
UTM Easting: 535746.0 *UTM Northing:* 4303862.0

Well Log

Top	Bottom	Formation
0.0	40.0	CLAY
40.0	58.0	LIME
58.0	89.0	HARD LIME
89.0	90.0	SOFT SEAM
90.0	119.0	LIME
119.0	121.0	BROKEN
121.0	175.0	LIME

Comments MC69Page 9577

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Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217578	GO TO BEDFORD- GO OUT TOWARD FAYETTEVILLE	Mon, Jun 11, 1973

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	WILLIAM WALKER	RR2 BEDFORD, IN	
Building Contractor			
Drilling Contractor			
Equipment Operator	GORDON BURTON	License:	

Construction Details

Well	***Use:*** HOME	***Drilling method:*** OTHER	***Pump type:***
	Depth: 123.0	***Pump setting depth:***	***Water quality:***
Casing	***Length:*** 95.0	***Material:***	***Diameter:*** 6.62
Screen	***Length:***	***Material:***	***Diameter: Slot size:***

Well Capacity Test ***Type of test:*** ***Test rate:*** gpm for hrs. ***BailTest rate:*** 10.0 gpm for hrs.
Drawdown: ft. ***Static water level:*** 80.0 ft.

Grouting Information ***Material:*** ***Depth:*** from to
Installation Method: ***Number of bags used:***

Well Abandonment ***Sealing material:*** ***Depth:*** from to
Installation Method: ***Number of bags used:***

Administrative

County: LAWRENCE ***Township:*** 5N ***Range:*** 2W
Section: NW 1/4 of the NW 1/4 of the NE 1/4 of Section 12 ***Topo map:*** OOLITIC
Field located by: JRD ***on:*** Wed, Aug 09, 1978
Courthouse location by: ***on:***
Location accepted w/o verification by: ***on:***
Subdivision name: ***Lot number:***
Ft W of EL: 2600 ***Ft N of SL:*** ***Ft E of WL:*** ***Ft S of NL:*** 50
Ground elevation: 660.0 ***Depth to bedrock:*** 20.0 ***Bedrock elevation:*** 640.0 ***Aquifer elevation:***
UTM Easting: 536217.0 ***UTM Northing:*** 4304398.0

Well Log

Top	Bottom	Formation
0.0	20.0	CLAY
20.0	26.0	SS
26.0	31.0	MUD
31.0	43.0	LS
43.0	48.0	MUD
48.0	68.0	LS
68.0	71.0	SHALE
71.0	74.0	LS
74.0	78.0	MUD
78.0	90.0	BROKEN ROCK & MUD
90.0	105.0	LS
105.0	109.0	SHALE
109.0	123.0	LS

Comments MC640: OWNER VERIFIED/50' S OF RD; WELL PUMPED DRY DURING TEST

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Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
317714	9 MI ON 158W RIGHT OLD CRAGE MILL RD, FIRST HOUSE ON LT, R12 BOX 442, WILLIAMS, IN	Sat, Apr 15, 1995

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	KIM & JAY PHILLIPS	RR1 BOX 442, WILLIAMS,IN 47470	(812)279-6415
Building Contractor			
Drilling Contractor	PHILLIPS WELL DRILLING	RR12 BOX 624, BEDFORD,IN 47421	(812)279-4843
Equipment Operator	JUNIOR PHILLIPS	License: 208	

Construction Details

Well	*Use:* HOME	*Drilling method:* ROTARY	*Pump type:*
	Depth: 140.0	*Pump setting depth:*	*Water quality:* CLEAR, ODOR
Casing	*Length:* 30.0	*Material:* PVC	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test — *Type of test:* AIR; *Test rate:* 6.0 gpm for 120.0 hrs.; *BailTest rate:* gpm for hrs.; *Drawdown:* ft.; *Static water level:* ft.

Grouting Information — *Material:* BENT; *Depth:* from 0.0 to 30.0; *Installation Method:* PUMP; *Number of bags used:* 2.0

Well Abandonment — *Sealing material:*; *Depth:* from to; *Installation Method:*; *Number of bags used:*

Administrative

County: LAWRENCE		*Township:* 5N *Range:* 2W	
Section: 1/4 of the 1/4 of the SE 1/4 of Section 13			*Topo map:* BEDFORD WEST
Field located by:		*on:*	
Courthouse location by:		*on:*	
Location accepted w/o verification by:		*on:*	
Subdivision name:		*Lot number:*	
Ft W of EL:	*Ft N of SL:*	*Ft E of WL:*	*Ft S of NL:*
Ground elevation:	*Depth to bedrock:*	*Bedrock elevation:*	*Aquifier elevation:*
UTM Easting:		*UTM Northing:*	

Well Log

Top	Bottom	Formation
0.0	2.0	TOPSOIL
2.0	8.0	CLAY
8.0	140.0	BEDROCK

Comments

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Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217377	ABOUT 2.5 MI OFF SR54 ON MILLRIDGE RD, W OF BEDFORD.	Fri, Jan 18, 1974

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	DICK JONES	BEDFORD IN	
Building Contractor			
Drilling Contractor	JOHN REYNOLDS & SONS INC.	816 W MAIN, PAOLI IN	
Equipment Operator	RALPH BURTON&GORDON BURTON	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* OTHER	*Pump type:*
	Depth: 123.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:*	*Material:*	*Diameter:* 6.62
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test — *Type of test:* PUMPING; *Test rate:* -15.0 gpm for hrs.; *BailTest rate:* gpm for hrs.; *Drawdown:* ft.; *Static water level:* 70.0 ft.

Grouting Information — *Material:*; *Depth:* from to; *Installation Method:*; *Number of bags used:*

Well Abandonment — *Sealing material:*; *Depth:* from to; *Installation Method:*; *Number of bags used:*

Administrative

County: LAWRENCE; *Township:* 5N *Range:* 2W

Section: SW 1/4 of the SW 1/4 of the SE 1/4 of Section 1; *Topo map:* OOLITIC

Field located by: JRD; *on:* Tue, Aug 08, 1978

Courthouse location by:; *on:*

Location accepted w/o verification by:; *on:*

Subdivision name:; *Lot number:*

Ft W of EL: 900; *Ft N of SL:* 100; *Ft E of WL:*; *Ft S of NL:*

Ground elevation: 670.0; *Depth to bedrock:* 30.0; *Bedrock elevation:* 640.0; *Aquifer elevation:*

UTM Easting: 536326.0; *UTM Northing:* 4304446.0

Well Log

Top	Bottom	Formation
0.0	30.0	CLAY & MUD
30.0	35.0	LIME
35.0	40.0	BROKEN ROCK & MUD
40.0	45.0	LIME
45.0	50.0	SHELL
50.0	55.0	LIME
55.0	65.0	BROKEN ROCK & MUD
65.0	70.0	LIME
70.0	75.0	SHELL
75.0	80.0	LIME
80.0	90.0	SOFT FORM.BROKENROCK&MUD
90.0	105.0	LS
105.0	107.0	SHELL

107.0	123.0	LIME

Comments MC 640; OWNER VERIFIED/SW CORNER OF HOUSE;

113

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217365	FROM BEDFORD GO S ON OLD RD 37 TURN ON SANDPIT RD GO E 1/2 MI WELL IS LOCATED JUST BEFORE YOU GET TO RR TRACKS ON THE R DRILLED WELL FOR JIM GILBERT	Tue, Jan 01, 1980

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	TINA SCHALER	BEDFORD IN 47421	
Building Contractor			
Drilling Contractor	PHILLIPS WELL DRILLING	R#12 BOX 323A BEDFFORD IN 47421	
Equipment Operator	PHILLIPS WELL DRILLING	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* ROTARY	*Pump type:* SUBMERSIBLE
	Depth: 97.0	*Pump setting depth:* 90.0	*Water quality:* ODOR
Casing	*Length:* 30.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test — *Type of test:* — *Test rate:* gpm for hrs. — *BailTest rate:* gpm for hrs.
Drawdown: ft. — *Static water level:* 35.0 ft.

Grouting Information — *Material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Well Abandonment — *Sealing material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Administrative

County: LAWRENCE — *Township:* 5N *Range:* 1W
Section: SE 1/4 of the NW 1/4 of the SE 1/4 of Section 34 — *Topo map:* BEDFORD WEST
Field located by: — *on:*
Courthouse location by: — *on:*
Location accepted w/o verification by: LW 3/20/86 — *on:*
Subdivision name: — *Lot number:*
Ft W of EL: — *Ft N of SL:* 1750 — *Ft E of WL:* 3300 — *Ft S of NL:*
Ground elevation: 535.0 — *Depth to bedrock:* 25.0 — *Bedrock elevation:* 510.0 — *Aquifier elevation:*
UTM Easting: 542926.0 — *UTM Northing:* 4297103.0

Well Log

Top	Bottom	Formation
0.0	25.0	RED CLAY
25.0	97.0	BEDROCK

Comments SEE COUTNY FILE FOR LOCATION INFOPage 9564

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Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217370	S ON OLD 37 S TO TURN ON LEATHERWOOD RD GO 1/4 MI S OF THE US 50 & SR 37 JUNCTION ON JIM GILBERTS OLD PLACE.	Wed, Jan 01, 1986

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	TINA SCHALER	BEDFORD IN 47421	
Building Contractor			
Drilling Contractor	PHILLIPS WELL DRILLING	R #12 BOX 323A BEDFORD IN 47421	
Equipment Operator	PHILLIPS WELL DRILLING	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* ROTARY	*Pump type:*
	Depth: 170.0	*Pump setting depth:*	*Water quality:* MUDDY & MUD
Casing	*Length:* 170.0	*Material:*	*Diameter:* 5.63
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* gpm for hrs.
Drawdown: ft. *Static water level:* 130.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W
Section: NE 1/4 of the NW 1/4 of the SE 1/4 of Section 34 *Topo map:* BEDFORD WEST
Field located by: *on:*
Courthouse location by: *on:*
Location accepted w/o verification by: LW 3/20/86 *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* 2050 *Ft E of WL:* 3900 *Ft S of NL:*
Ground elevation: 542.0 *Depth to bedrock:* 105.0 *Bedrock elevation:* 437.0 *Aquifer elevation:*
UTM Easting: 543151.0 *UTM Northing:* 4297133.0

Well Log

Top	Bottom	Formation
0.0	30.0	SAND
30.0	105.0	BLUE CLAY
105.0	170.0	BEDROCK

Comments LOCATION INFO IN COUNTY FILE

115

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217375	GOTO 4 LANE SR ON 37 ACROSS NEW BRIDGE & TURN R. TRAILER COURT ON R.	Thu, Nov 02, 1972

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	LEROY RAGSDALE	BEDFORD IN	
Building Contractor			
Drilling Contractor	JOHN REYNOLDS & SONS INC.	816 W MAIN, PAOLI IN 47454	
Equipment Operator	GORDON BURTON	License:	

Construction Details

Well	*Use:* PUBLIC SUPPLY	*Drilling method:* OTHER	*Pump type:*
	Depth: 63.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 36.0	*Material:*	*Diameter:* 6.62
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 30.0 gpm for hrs.

Drawdown: ft. *Static water level:* 15.0 ft.

Grouting Information

Material: *Depth:* from to

Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to

Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W

Section: NE 1/4 of the NE 1/4 of the SE 1/4 of Section 34 *Topo map:* BEDFORD WEST

Field located by: JRD *on:* Fri, Aug 11, 1978

Courthouse location by: *on:*

Location accepted w/o verification by: *on:*

Subdivision name: *Lot number:*

Ft W of EL: 500 *Ft N of SL:* 2300 *Ft E of WL:* 4700 *Ft S of NL:*

Ground elevation: 525.0 *Depth to bedrock:* 30.0 *Bedrock elevation:* 495.0 *Aquifier elevation:*

UTM Easting: 543389.0 *UTM Northing:* 4297194.0

Well Log

Top	Bottom	Formation
0.0	4.0	CLAY
4.0	30.0	SAND
30.0	41.0	LS
41.0	48.0	SHALE
48.0	63.0	LS

Comments MC 495 OWNER VERIFIED 100' S OF RD 150' SE OF BENCH MARK;

116

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217434	2MI NE OF BEDFORD IND. 1MI N ON MT PLESANT RD & 1MI E WELL IN BACK OF TRAILER	Sat, Jul 27, 1963

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	ELMER ARNALD	BEDFORD R.R.	
Building Contractor			
Drilling Contractor	RAY E. ALFORD	MITCHELL IND. R.R. 2	
Equipment Operator	RAY E. ALFORD	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 121.5	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 6.0	*Material:*	*Diameter:* 6.25
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test *Type of test:* *Test rate:* gpm for hrs. *BailTest rate:* 0.05 gpm for hrs.
Drawdown: ft. *Static water level:* ft.

Grouting Information *Material:* *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment *Sealing material:* *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1E
Section: NW 1/4 of the NE 1/4 of the SW 1/4 of Section 6 *Topo map:* BARTLETTSVILLE
Field located by: N *on:* Tue, Oct 01, 1963
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* *Ft E of WL:* 2000 *Ft S of NL:* 2600
Ground elevation: 735.0 *Depth to bedrock:* 6.0 *Bedrock elevation:* 729.0 *Aquifer elevation:*
UTM Easting: 547358.0 *UTM Northing:* 4305321.0

Well Log

Top	Bottom	Formation
0.0	6.0	CLAY
6.0	105.0	GRAY & WH LS
105.0	121.5	NAB STONE SH ,WATER VERY LITE

Comments MC730; Page 0560

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Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217385	300' W OF EAST FORK OF WHITE RIVER 200' S OF OLD SR37 BRIDGE ABUTMENT APPROX. 3 MI S OF BEDFORD, IN ON LOT 14 OF RIVER HEIGHTS ADD. TO LAWRENCE COUNTY	Wed, Apr 27, 1960

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	JERRY D. BECHNER	1622 18TH ST., BEDFORD	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	RR6 BOX 13, BEDFORD, IN	
Equipment Operator	ERNIE UMPHRESS & SONS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 67.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 30.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test *Type of test:* *Test rate:* gpm for hrs. *BailTest rate:* 10.0 gpm for 1.0 hrs.
Drawdown: ft. *Static water level:* 27.0 ft.

Grouting Information *Material:* *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment *Sealing material:* *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W
Section: NE 1/4 of the SW 1/4 of the SW 1/4 of Section 34 *Topo map:* BEDFORD WEST
Field located by: BARNES *on:* Fri, Jul 01, 1960
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* 1300 *Ft E of WL:* 1200 *Ft S of NL:*
Ground elevation: 490.0 *Depth to bedrock:* *Bedrock elevation:* *Aquifer elevation:*
UTM Easting: 542341.0 *UTM Northing:* 4296865.0

Well Log

Top	Bottom	Formation
0.0	14.0	SANDY DIRT
14.0	20.0	SHELL LS
20.0	50.0	WHITE LIME HARD
50.0	55.0	SS BROWN
55.0	67.0	BLUE LS HARD

Comments MC

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Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217390	WELL #1 S LAWRENCE WATER UTLS NEAR WHITE RIVER BRIDGE ON SR37, S IF BEDFORD IN.	Fri, Jan 30, 1970

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	S LAWRENCE UTLS. INC.	HURON IN	
Building Contractor			
Drilling Contractor	JOHN REYNOLDS & SONS INC.	816 W MAIN ST, PAOLI IN 47454	
Equipment Operator	DON CALLAHAN	License:	

Construction Details

Well	*Use:* PUBLIC SUPPLY	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 63.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 46.0	*Material:*	*Diameter:* 12.0
Screen	*Length:* 15.0	*Material:*	*Diameter:* 12.0 *Slot size:* 25-30

Well Capacity Test

Type of test: PUMPING *Test rate:* 20.0 gpm for 0.0 hrs. *BailTest rate:* gpm for hrs.
Drawdown: ft. *Static water level:* 8.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W
Section: 1/4 of the 1/4 of the 1/4 of Section 34 *Topo map:* BEDFORD WEST
Field located by: *on:*
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* *Ft E of WL:* *Ft S of NL:*
Ground elevation: *Depth to bedrock:* *Bedrock elevation:* *Aquifier elevation:*
UTM Easting: 542214.0 *UTM Northing:* 4297273.0

Well Log

Top	Bottom	Formation
0.0	20.0	CLAY
20.0	26.0	BR SAND
26.0	30.0	MD SAND
30.0	34.0	S&G
34.0	38.0	GOOD S&G
38.0	47.0	FN S&G
47.0	56.0	FN S & SM MD G
56.0	58.0	GRAV & BROKEN STONE
58.0	60.0	BROKEN LS
60.0	63.0	SHALE GRAY

Comments WELL PUMPED DRY DURING TEST; LAYNE NORTHERN 25'-45' 60 SCREEN, 45'-62' 100SCREEN;

119

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217395	NEAR WHITE RIVER BRIDGE ON SR37, S OF BEDFORD IN.	Tue, Mar 24, 1970

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	S LAWRENCE WATER UTLS. INC.	HURON IN.	
Building Contractor			
Drilling Contractor	JOHN REYNOLDS & SONS INC.	816 W MAIN ST, PAOLI IN 47454	
Equipment Operator	DON CALLAHAN	License:	

Construction Details

Well	*Use:* PUBLIC SUPPLY	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 68.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 54.0	*Material:*	*Diameter:* 12.0
Screen	*Length:* 15.0	*Material:*	*Diameter:* 12.0 *Slot size:* 25-30

Well Capacity Test

Type of test: PUMPING *Test rate:* 40.0 gpm for 24.0 hrs. *BailTest rate:* gpm for hrs.
Drawdown: 40.0 ft. *Static water level:* 8.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W
Section: SW 1/4 of the SW 1/4 of the NW 1/4 of Section 34 *Topo map:* BEDFORD WEST
Field located by: STEEN *on:* Mon, Jun 01, 1970
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* 2700 *Ft E of WL:* 200 *Ft S of NL:*
Ground elevation: 490.0 *Depth to bedrock:* *Bedrock elevation:* *Aquifier elevation:* 420.0
UTM Easting: 542031.0 *UTM Northing:* 4297798.0

Well Log

Top	Bottom	Formation
0.0	20.0	CLAY
20.0	25.0	FN SAND BR IN COLOR
25.0	28.0	SAND & CLAY MIXED
28.0	32.0	GRAV
32.0	35.0	SAND
35.0	38.0	CLAY & SAND MIXED
38.0	45.0	SAND
45.0	68.0	GOOD S&G

Comments CHEM TEST; WELL #1;

120

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217844	NEAR WHITE RIVER BRIDGE ON SR37 S OF BEDFORD IN.	Tue, May 05, 1970

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	S LAWRENCE WATER UTLS. INC.	HURON IN	
Building Contractor			
Drilling Contractor	JOHN REYNOLDS & SONS INC.	816 W MAIN ST, PAOLI IN	
Equipment Operator	DON CALLAHAN	License:	

Construction Details

Well	*Use:* PUBLIC SUPPLY	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 72.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 57.0	*Material:*	*Diameter:* 12.0
Screen	*Length:* 15.0	*Material:*	*Diameter:* 12.0 *Slot size:* 25-30

Well Capacity Test

Type of test: PUMPING *Test rate:* 140.0 gpm for 24.0 hrs. *BailTest rate:* gpm for hrs.
Drawdown: 40.0 ft. *Static water level:* 8.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W
Section: SW 1/4 of the SW 1/4 of the NW 1/4 of Section 34 *Topo map:* BEDFORD WEST
Field located by: STEEN *on:* Mon, Jun 01, 1970
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* 2850 *Ft E of WL:* 350 *Ft S of NL:*
Ground elevation: 490.0 *Depth to bedrock:* *Bedrock elevation:* *Aquifier elevation:* 420.0
UTM Easting: 542075.0 *UTM Northing:* 4297306.0

Well Log

Top	Bottom	Formation
0.0	20.0	CLAY
20.0	25.0	FN SAND & BR IN COLOR
25.0	28.0	SAND & CLAY MIXED
28.0	32.0	GRAV
32.0	35.0	SAND
35.0	38.0	CLAY & SAND MIXED
38.0	45.0	SAND
45.0	72.0	GOOD S&G

Comments CHEM TEST; WELL #2:

121

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217849	SR 37 S OF BEDFORD ON R AFTER CROSSING WHITE RIVER. NEXT TO RIVER IN VICINITY OF 1980 REYNOLDS TEST WELLS, TMB 8/17/83.	Mon, Jun 27, 1983

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	S LAWRENCE WATER UTLS. INC.	R2, MITCHELL IN 47446	
Building Contractor			
Drilling Contractor	REYNOLDS SUPPLY INC.	PO BOX 230, 816 W MAIN ST, PAOLI IN 47454	
Equipment Operator	RALPH BURTON	License:	

Construction Details

Well	*Use:* OTHER	*Drilling method:* REVERSE ROTARY	*Pump type:*
	Depth: 88.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 68.0	*Material:*	*Diameter:* 20.0
Screen	*Length:* 20.0	*Material:*	*Diameter:* 18.0 *Slot size:* 60

Well Capacity Test

Type of test: PUMPING *Test rate:* 250.0 gpm for 24.0 hrs. *BailTest rate:* gpm for hrs.
Drawdown: 7.25 ft. *Static water level:* 16.1 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W
Section: NW 1/4 of the SW 1/4 of the NW 1/4 of Section 34 *Topo map:* BEDFORD WEST
Field located by: BRUNS *on:* Wed, Aug 17, 1983
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* *Ft E of WL:* 550 *Ft S of NL:* 1700
Ground elevation: 490.0 *Depth to bedrock:* *Bedrock elevation:* *Aquifier elevation:* 405.0
UTM Easting: 542139.0 *UTM Northing:* 4297530.0

Well Log

Top	Bottom	Formation
0.0	35.0	CLAY & SAND MIXED
35.0	40.0	FN SAND
40.0	45.0	CRS GRAV & SAND
45.0	50.0	CRS GRAV & SAND
50.0	55.0	CRS GRAV & SAND
55.0	60.0	CRS GRAV & SAND
60.0	65.0	CRS GRAV & SAND
65.0	70.0	CRS S&G
70.0	75.0	MD S&G
75.0	80.0	MD S&G
80.0	85.0	FN SAND
85.0	87.0	FN SAND & CLAY BOTTOM

Comments MC 405; WELL #4 NPage 95%

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Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217854	SR37 S OF BEDFORD ON R AFTER CROSSING WHITE RIVER. NEXT TO RIVER IN AREA OF 1980 REYNOLDS TEST HOLES. TMB 8/17/83.	Fri, Jul 01, 1983

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	S LAWRENCE WATER UTLS. INC.	R2, MITCHELL IN 47446	
Building Contractor			
Drilling Contractor	REYNOLDS SUPPLY INC.	PO BOX 230, 816 W MAIN ST, PAOLI IN 47454	
Equipment Operator	RALPH BURTON	License:	

Construction Details

Well	*Use:* PUBLIC SUPPLY	*Drilling method:* REVERSE ROTARY	*Pump type:*
	Depth: 87.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 67.0	*Material:*	*Diameter:* 20.0
Screen	*Length:* 20.0	*Material:*	*Diameter:* 18.0 *Slot size:* 60

Well Capacity Test

Type of test: PUMPING *Test rate:* 250.0 gpm for 24.0 hrs. *BailTest rate:* gpm for hrs.
Drawdown: 7.7 ft. *Static water level:* 23.4 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W
Section: SE 1/4 of the SW 1/4 of the NW 1/4 of Section 34 *Topo map:* BEDFORD WEST
Field located by: BRUNS *on:* Wed, Aug 17, 1983
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* *Ft E of WL:* 700 *Ft S of NL:* 2150
Ground elevation: 490.0 *Depth to bedrock:* *Bedrock elevation:* *Aquifier elevation:* 405.0
UTM Easting: 542188.0 *UTM Northing:* 4297371.0

Well Log

Top	Bottom	Formation
0.0	35.0	CLAY & SAND MIXED
35.0	40.0	FN SAND
40.0	45.0	CRS GRAV & SAND
45.0	50.0	CRS GRAV & SAND
50.0	55.0	CRS GRAV & SAND
55.0	60.0	CRS GRAV & SAND
60.0	65.0	CRS GRAV & SAND
65.0	70.0	CRS S&G
70.0	75.0	MD S&G
75.0	80.0	MD S&G
80.0	85.0	FN SAND
85.0	88.0	FN SAND & CLAY BOTTOM

Comments

MC 405. [illegible] LOCATION DECRIBED BY JOHN SCHMIDT FROM REYNOLDS OFFICE.

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Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217859		Tue, Oct 21, 1980

	Name	*Address*	*Telephone*
Owner-Contractor			
Well Owner	SOUTH LAWRENCE UTILITIES		
Building Contractor			
Drilling Contractor			
Equipment Operator	GENE WILLIAMS	License:	

Construction Details

Well	*Use:*	*Drilling method:*	*Pump type:*
	Depth: 82.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:*	*Material:*	*Diameter:*
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* gpm for hrs.
Drawdown: ft. *Static water level:* 15.35 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W
Section: SE 1/4 of the SW 1/4 of the NW 1/4 of Section 34 *Topo map:* BEDFORD WEST
Field located by: *on:*
Courthouse location by: *on:*
Location accepted w/o verification by: BRUNS *on:* Tue, Jun 02, 1981
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* *Ft E of WL:* 675 *Ft S of NL:* 2075
Ground elevation: 490.0 *Depth to bedrock:* 82.0 *Bedrock elevation:* 408.0 *Aquifer elevation:*
UTM Easting: 542193.0 *UTM Northing:* 4297431.0

Well Log

Top	Bottom	Formation
0.0	3.0	DK BRN . SILTY SANDY CLAY
3.0	13.0	M. BRN. SILTY CLAY
13.0	18.0	M. BRN. SILTY. SANDY CLAY
18.0	23.0	SAND
23.0	28.0	M. SAND
28.0	38.0	M. SAND
38.0	53.0	M. SAND W/ PEA GRAVEL
53.0	63.0	M. SAND
63.0	78.0	M. TO C SAND W/ GRAVEL
78.0	82.0	M TO C SAND W/ PEA GRAVEL

Comments SAND ANALYSIS ATTACHED: CHEM. TEST: OW 4.

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Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217864		Tue, Oct 21, 1980

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	SOUTH LAWRENCE UTILITIES		
Building Contractor			
Drilling Contractor	REYNOLDS SUPPLY		
Equipment Operator	GENE WILLIAMS	License:	

Construction Details

Well	*Use:*	*Drilling method:*	*Pump type:*
	Depth: 82.5	*Pump setting depth:*	*Water quality:*
Casing	*Length:*	*Material:*	*Diameter:*
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test: *Type of test:* | *Test rate:* gpm for hrs. | *BailTest rate:* gpm for hrs. | *Drawdown:* ft. | *Static water level:* 15.58 ft.

Grouting Information: *Material:* | *Depth:* from to | *Installation Method:* | *Number of bags used:*

Well Abandonment: *Sealing material:* | *Depth:* from to | *Installation Method:* | *Number of bags used:*

Administrative

County: LAWRENCE		*Township:* 5N *Range:* 1W	
Section: SE 1/4 of the SW 1/4 of the NW 1/4 of Section 34			*Topo map:* BEDFORD WEST
Field located by:		*on:*	
Courthouse location by:		*on:*	
Location accepted w/o verification by: BRUNS		*on:* Tue, Jun 02, 1981	
Subdivision name: REYNOLDS		*Lot number:*	
Ft W of EL:	*Ft N of SL:*	*Ft E of WL:* 700	*Ft S of NL:* 2125
Ground elevation: 490.0	*Depth to bedrock:* 83.0	*Bedrock elevation:* 407.0	*Aquifer elevation:*
UTM Easting: 542198.0		*UTM Northing:* 4297380.0	

Well Log

Top	Bottom	Formation
0.0	3.0	DK BRN, SILTY FN SANDY TOP SOI
3.0	13.0	M. BRN SILTY CLAY
13.0	18.0	M. BRN, SANDY, SILTY, CLAY
18.0	23.0	NO RETURN, PROBABLY SAND
23.0	28.0	BLANK
28.0	82.5	MED. SAND

Comments: CHEM. TEST; OW-3; SAND ANALYSIS ATTACHED;

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Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217869	50'N OF OW-1 (80)	

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	SOUTH LAWRENCE UTILITIES		
Building Contractor			
Drilling Contractor			
Equipment Operator	GENE WILLIAMS	License: 102080	

Construction Details

Well	*Use:*	*Drilling method:*	*Pump type:*
	Depth: 84.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:*	*Material:*	*Diameter:*
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* gpm for hrs.

Drawdown: ft. *Static water level:* 15.24 ft.

Grouting Information

Material: *Depth:* from to

Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to

Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W

Section: SE 1/4 of the SW 1/4 of the NW 1/4 of Section 34 *Topo map:* BEDFORD WEST

Field located by: *on:*

Courthouse location by: *on:*

Location accepted w/o verification by: BRUNS *on:* Tue, Jun 02, 1981

Subdivision name: REYNOLDS *Lot number:*

Ft W of EL: *Ft N of SL:* *Ft E of WL:* 700 *Ft S of NL:* 2175

Ground elevation: 490.0 *Depth to bedrock:* 84.0 *Bedrock elevation:* 406.0 *Aquifier elevation:*

UTM Easting: 542198.0 *UTM Northing:* 4297333.0

Well Log

Top	Bottom	Formation
0.0	0.5	BRN SANDY TOPSOIL
0.5	8.0	M. BRN SAND/ SILT CLAY
8.0	18.0	M. BRN. SILTY CLAY
18.0	23.0	SAND
23.0	84.0	M.C SAND

Comments CHEM TEST; OW-2; ATTACHED SAND ANALYSIS GRAPHS;

Record of Water Well

126

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217909	W OF WHITE RIVER BRIDGE, NEAR SR37 & 50 2 MI S OF BEDFORD, IN AT CATTLE FARM W OF TOOL SHED ON HILL	Fri, Oct 19, 1962

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	BEN A. HITCHCOCK	1625 N ST., BEDFORD, IN	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	RR6 BEDFORD, IN	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 170.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 22.75	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 15.0 gpm for hrs.
Drawdown: ft. *Static water level:* 94.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W
Section: NE 1/4 of the NW 1/4 of the SE 1/4 of Section 33 *Topo map:* BEDFORD WEST
Field located by: *on:* Tue, Oct 01, 1963
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: 1500 *Ft N of SL:* 2100 *Ft E of WL:* *Ft S of NL:*
Ground elevation: 590.0 *Depth to bedrock:* *Bedrock elevation:* *Aquifier elevation:*
UTM Easting: 541505.0 *UTM Northing:* 4297121.0

Well Log

Top	Bottom	Formation
0.0	4.0	DIRT
4.0	23.0	BLUE LS & BOULDERS
23.0	30.0	BLUE LS HARD
30.0	70.0	BROWN LS SOFT
70.0	92.0	BLUE LS SOFT
92.0	104.0	BLUE SHALE SOFT
104.0	118.0	GRAY LS HARD
118.0	165.0	BLUE LS HARD
165.0	170.0	BLUE SHALE SOFT

Comments

Record of Water Well

127

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217914	FROM JCT 37 & 50 SOUTH OF BEDFORD GO NORTH 1ST RD ON LEFT AS OF NOW IS LAST HOUSE ON RIGHT	Wed, Mar 22, 1967

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	JAMES DWYER		
Building Contractor			
Drilling Contractor	LOUIE O. SMITH	R1 BEDFORD	
Equipment Operator	LOUIE O. SMITH	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 135.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 17.0	*Material:*	*Diameter:* 6.25
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test: *Type of test:* | *Test rate:* gpm for hrs. | *BailTest rate:* 2.0 gpm for 2.0 hrs.
Drawdown: ft. | *Static water level:* 85.0 ft.

Grouting Information: *Material:* | *Depth:* from to
Installation Method: | *Number of bags used:*

Well Abandonment: *Sealing material:* | *Depth:* from to
Installation Method: | *Number of bags used:*

Administrative

County: LAWRENCE | *Township:* 5N *Range:* 1W
Section: SW 1/4 of the SE 1/4 of the SE 1/4 of Section 33 | *Topo map:* BEDFORD WEST
Field located by: PW | *on:* Tue, Aug 17, 1971
Courthouse location by: | *on:*
Location accepted w/o verification by: | *on:*
Subdivision name: | *Lot number:*
Ft W of EL: 1100 | *Ft N of SL:* 100 | *Ft E of WL:* | *Ft S of NL:*
Ground elevation: 610.0 | *Depth to bedrock:* 16.0 | *Bedrock elevation:* 594.0 | *Aquifer elevation:*
UTM Easting: 541627.0 | *UTM Northing:* 4296463.0

Well Log

Top	Bottom	Formation
0.0	15.0	CLAY
15.0	16.0	BLANK
16.0	35.0	LIME
35.0	44.0	SHELL
44.0	45.0	BLANK
45.0	135.0	MED LIME

Comments: MC595: VERIFIED BY OWNERPage 9600

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Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217919	1ST HOUE ON LEFT AFTER CROSS RR AT COXTON	Fri, Jul 14, 1967

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	HARRY VOORHIES	R1 BEDFORD, IN	
Building Contractor			
Drilling Contractor	LOUIE SMITH	R1 BEDFORD	
Equipment Operator	LOUIE SMITH	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 80.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 20.0	*Material:*	*Diameter:* 6.25
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test *Type of test:* *Test rate:* gpm for hrs. *BailTest rate:* 1.0 gpm for 1.0 hrs.
Drawdown: ft. *Static water level:* 10.0 ft.

Grouting Information *Material:* *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment *Sealing material:* *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W
Section: SW 1/4 of the NW 1/4 of the NE 1/4 of Section 31 *Topo map:* BEDFORD WEST
Field located by: PW *on:* Tue, Aug 17, 1971
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: 2050 *Ft N of SL:* *Ft E of WL:* *Ft S of NL:* 850
Ground elevation: 520.0 *Depth to bedrock:* 18.0 *Bedrock elevation:* 502.0 *Aquifer elevation:*
UTM Easting: 538122.0 *UTM Northing:* 4297743.0

Well Log

Top	Bottom	Formation
0.0	18.0	CLAY
18.0	62.0	LIME
62.0	70.0	HARD LIME
70.0	80.0	MED LS

Comments MC500; VERIFIED BY OWNER

129

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217924	FROM FAYETTEVILLE GO S TO 450 CROSS 450 GO TO RR 2ND HOUSE ON LEFT	Tue, May 02, 1967

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	MARY SHELP	R1 BEDFORD	
Building Contractor			
Drilling Contractor	LOUIE SMITH	R1 BEDFORD	
Equipment Operator	LOUIE SMITH	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 109.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 66.0	*Material:*	*Diameter:* 6.25
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test *Type of test:* *Test rate:* gpm for hrs. *BailTest rate:* 1.0 gpm for 1.0 hrs.
Drawdown: ft. *Static water level:* 26.0 ft.

Grouting Information *Material:* *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment *Sealing material:* *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W
Section: SE 1/4 of the NW 1/4 of the NE 1/4 of Section 31 *Topo map:* BEDFORD WEST
Field located by: PW *on:* Tue, Aug 17, 1971
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: 1800 *Ft N of SL:* *Ft E of WL:* *Ft S of NL:* 1000
Ground elevation: 520.0 *Depth to bedrock:* 20.0 *Bedrock elevation:* 500.0 *Aquifer elevation:*
UTM Easting: 538201.0 *UTM Northing:* 4297687.0

Well Log

Top	Bottom	Formation
0.0	20.0	CLAY
20.0	30.0	SOFT GRAY
30.0	35.0	SOFT BROWN
35.0	55.0	SOFT GRAY
55.0	65.0	SOFT BROWN
65.0	75.0	MED LS
75.0	109.0	HARD LIME

Comments MC500, VERIFIED BY OWNER

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Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217929	FROM FAYETTEVILLE GO S TO 450 CROSS 450 GOING S TO CATTLE YARD TURN RIGHT 1ST HOUSE ON RIGHT	Thu, Mar 30, 1967

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	DAVID INMAN	R1 BEDFORD, IN	
Building Contractor			
Drilling Contractor	LOUIE SMITH	R1 BEDFORD	
Equipment Operator	LOUIE SMITH	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 95.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 25.0	*Material:*	*Diameter:* 6.25
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 10.0 gpm for 1.0 hrs.
Drawdown: ft. *Static water level:* 58.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W
Section: SW 1/4 of the SW 1/4 of the NE 1/4 of Section 31 *Topo map:* BEDFORD WEST
Field located by: PW *on:* Tue, Aug 17, 1971
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: 2200 *Ft N of SL:* *Ft E of WL:* *Ft S of NL:* 2500
Ground elevation: 550.0 *Depth to bedrock:* 20.0 *Bedrock elevation:* 530.0 *Aquifer elevation:*
UTM Easting: 538073.0 *UTM Northing:* 4297207.0

Well Log

Top	Bottom	Formation
0.0	20.0	CLAY
20.0	25.0	GRAY LIME
25.0	40.0	DARK LIME
40.0	90.0	WHITE LIME
90.0	91.0	WATER SEAM
91.0	95.0	WHITE LIME

Comments

MC530; VERIFIED BY OWNEPage 9601

131

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217934	GOING W FROM BEDFORD ON 450 APROX. 5 MI TO FAYETTEVILLE & COXTON CROSSRD. TURN LEFT GO TO RR. WILL BE 2ND HOUSE ON RD	Thu, Apr 01, 1965

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	JAMES RAINEY	R1 BEDFORD	
Building Contractor			
Drilling Contractor	LOUIE SMITH	R1 BEDFORD	
Equipment Operator	LOUIE SMITH	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 120.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 51.0	*Material:*	*Diameter:* 6.25
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test: *Type of test:* | *Test rate:* gpm for hrs. | *BailTest rate:* 1.5 gpm for 4.0 hrs.
Drawdown: ft. | *Static water level:* 25.0 ft.

Grouting Information: *Material:* | *Depth:* from to
Installation Method: | *Number of bags used:*

Well Abandonment: *Sealing material:* | *Depth:* from to
Installation Method: | *Number of bags used:*

Administrative

County: LAWRENCE | *Township:* 5N *Range:* 1W
Section: SW 1/4 of the NW 1/4 of the NE 1/4 of Section 31 | *Topo map:* BEDFORD WEST
Field located by: JVH | *on:* Mon, Aug 01, 1966
Courthouse location by: | *on:*
Location accepted w/o verification by: | *on:*
Subdivision name: | *Lot number:*
Ft W of EL: 1900 | *Ft N of SL:* | *Ft E of WL:* | *Ft S of NL:* 1100
Ground elevation: 520.0 | *Depth to bedrock:* 50.0 | *Bedrock elevation:* 470.0 | *Aquifer elevation:*
UTM Easting: 538147.0 | *UTM Northing:* 4297646.0

Well Log

Top	Bottom	Formation
0.0	20.0	CLAY
20.0	35.0	BLUE CLAY
35.0	48.0	YEL CLAY
48.0	75.0	WHITE LIME SOFT
75.0	120.0	VERY HARD LIME

Comments: MC470

Record of Water Well

132

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217939	FROM FAYETTESVILLE GO S TO SR450 TURN R, 1ST HOUSE TRAILER ON L.	Sat, May 04, 1968

	Name	*Address*	*Telephone*
Owner-Contractor Well Owner	HENRY ACTON	R#1, BEDFORD	
Building Contractor			
Drilling Contractor	LOUIE O. SMITH	R#1, BEDFORD	
Equipment Operator	LOUIE O. SMITH	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 70.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 47.0	*Material:*	*Diameter:* 6.25
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 10.0 gpm for 2.0 hrs.
Drawdown: ft. *Static water level:* 50.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W
Section: SW 1/4 of the SW 1/4 of the SW 1/4 of Section 30 *Topo map:* BEDFORD WEST
Field located by: PW *on:* Wed, Aug 18, 1971
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* 200 *Ft E of WL:* 50 *Ft S of NL:*
Ground elevation: 570.0 *Depth to bedrock:* 45.0 *Bedrock elevation:* 525.0 *Aquifier elevation:*
UTM Easting: 537068.0 *UTM Northing:* 4298042.0

Well Log

Top	Bottom	Formation
0.0	45.0	CLAY
45.0	50.0	SHELL
50.0	60.0	LIME
60.0	63.0	SHELL
63.0	65.0	LIME
65.0	70.0	SHELL

Comments MC 525; MAILBOX VERIFICATION;

133

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217944	FROM BEDFORD GOING W ON 450 LAST FARM BEFORE CROSSING SALT CK BRIDGE	Sat, May 02, 1970

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	FRANK JACKSON		
Building Contractor			
Drilling Contractor	LOUIE SMITH	R1 BEDFORD, IN	
Equipment Operator	LOUIE SMITH	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 140.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 22.0	*Material:*	*Diameter:* 6.25
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test — *Type of test:* — *Test rate:* gpm for hrs. — *BailTest rate:* 3.0 gpm for 1.0 hrs.
Drawdown: ft. — *Static water level:* 95.0 ft.

Grouting Information — *Material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Well Abandonment — *Sealing material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Administrative

County: LAWRENCE — *Township:* 5N *Range:* 1W
Section: NW 1/4 of the NE 1/4 of the SW 1/4 of Section 29 — *Topo map:* BEDFORD WEST
Field located by: PW — *on:* Tue, Aug 17, 1971
Courthouse location by: — *on:*
Location accepted w/o verification by: — *on:*
Subdivision name: — *Lot number:*
Ft W of EL: — *Ft N of SL:* 2200 — *Ft E of WL:* 1950 — *Ft S of NL:*
Ground elevation: 580.0 — *Depth to bedrock:* 18.0 — *Bedrock elevation:* 562.0 — *Aquifer elevation:*
UTM Easting: 539335.0 — *UTM Northing:* 4298676.0

Well Log

Top	Bottom	Formation
0.0	18.0	CLAY
18.0	20.0	SHELL
20.0	45.0	LIME
45.0	101.0	MED LIME
101.0	103.0	SS
103.0	140.0	LIME

Comments MC560; VERIFIED BY NEIGHBOPage 966

134

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
220882	3 S OF BEDFORD IN, ON VINEGAR HILL RD.	Tue, Mar 06, 1962

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	KENNETH DAY	RR#5, BEDFORD IN	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	RR6, BEDFORD IN	
Equipment Operator	ERNIE UMPHRESS & SONS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 100.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 26.3	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 1.0 gpm for hrs.
Drawdown: ft. *Static water level:* 30.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W
Section: SE 1/4 of the NW 1/4 of the SE 1/4 of Section 36 *Topo map:* BEDFORD EAST
Field located by: JCH *on:* Mon, Aug 01, 1966
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: 1800 *Ft N of SL:* 1700 *Ft E of WL:* *Ft S of NL:*
Ground elevation: 660.0 *Depth to bedrock:* 25.0 *Bedrock elevation:* 635.0 *Aquifier elevation:*
UTM Easting: 546173.0 *UTM Northing:* 4297032.0

Well Log

Top	Bottom	Formation
0.0	23.0	DIRT
23.0	50.0	WH LS SOFT
50.0	73.0	GRAY LS SOFT
73.0	100.0	BLUE LS HARD

Comments MC 635

Record of Water Well

135

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
220887	2.75 MI S OF BEDFORD ON I ST.	Tue, Mar 09, 1965

	Name	*Address*	*Telephone*
Owner-Contractor			
Well Owner	WALTER WOODWARD	R1, BEDFORD IN	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	RR6, BEDFORD IN	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 105.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 20.5	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 5.0 gpm for hrs.
Drawdown: ft. *Static water level:* 80.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W
Section: SE 1/4 of the NW 1/4 of the SE 1/4 of Section 36 *Topo map:* BEDFORD EAST
Field located by: JCH *on:* Mon, Aug 01, 1966
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*

Ft W of EL: 1800	*Ft N of SL:* 1500	*Ft E of WL:*	*Ft S of NL:*
Ground elevation: 650.0	*Depth to bedrock:* 15.0	*Bedrock elevation:* 635.0	*Aquifer elevation:*
UTM Easting: 546173.0		*UTM Northing:* 4296965.0	

Well Log

Top	Bottom	Formation
0.0	17.0	DIRT
17.0	33.0	BLUE LS HARD
33.0	40.0	GRAY LS HARD
40.0	74.0	WH LS SOFT
74.0	88.0	GRAY LS HARD
88.0	94.0	BR LS HARD
94.0	105.0	BLUE LS HARD

Comments MC 635;

Record of Water Well

136

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
220892	3 MI S, S ON AIRPORT RD, 1 MI W ON BLK TIP RD. BEDFORD IN.	Fri, Mar 18, 1966

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	I.L. EDWARDS	BEDFORD IN	
Building Contractor			
Drilling Contractor	KING WELL DRLG	DILLSBORO IN, RR1	
Equipment Operator	JACK KING	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 140.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 35.0	*Material:*	*Diameter:* 6.25
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 6.75 gpm for 2.0 hrs.
Drawdown: ft. *Static water level:* 98.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W
Section: NW 1/4 of the NE 1/4 of the NE 1/4 of Section 36 *Topo map:* BEDFORD EAST
Field located by: JCH *on:* Mon, Aug 01, 1966
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: 900 *Ft N of SL:* *Ft E of WL:* *Ft S of NL:* 300
Ground elevation: 685.0 *Depth to bedrock:* *Bedrock elevation:* *Aquifier elevation:*
UTM Easting: 546459.0 *UTM Northing:* 4298013.0

Well Log

Top	Bottom	Formation
0.0	0.0	NO INFORMATION

Comments

137

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
220897	S OF BLOOMINGTON ON SR37 TO BEDFORD. E TO PALEISTINE RD TO SUNNY ACRES DR, E ON SE CORNER.	Sat, Feb 20, 1965

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	DONALD PIPER	611 T ST, BEDFORD IN	
Building Contractor			
Drilling Contractor	WILLARD ENGLISH & SONS	CLAYTON IN, RR1	
Equipment Operator	LEON ENGLISH	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* ROTARY	*Pump type:*
	Depth: 112.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 22.0	*Material:*	*Diameter:* 6.5
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 3.0 gpm for hrs.
Drawdown: ft. *Static water level:* 50.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W
Section: NE 1/4 of the NE 1/4 of the NW 1/4 of Section 36 *Topo map:* BEDFORD EAST
Field located by: JCH *on:* Mon, Aug 01, 1966
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* *Ft E of WL:* 2000 *Ft S of NL:* 300
Ground elevation: 650.0 *Depth to bedrock:* 20.0 *Bedrock elevation:* 630.0 *Aquifier elevation:*
UTM Easting: 545758.0 *UTM Northing:* 4298025.0

Well Log

Top	Bottom	Formation
0.0	22.0	CLAY YEL
22.0	91.0	LS BLUE
91.0	102.0	LS BR
102.0	112.0	LS BLUE

Comments MC 630;

138

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
220902	APPRX 3MI S OF BEDFORD IN, ON THE PALESTINE RD.ABOUT 400' S ON PALESTINE RD FROM THE VINIGAR HILL, PALESTINE CROSS RDS.	Tue, Jul 23, 1963

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	LOUIE E. JOHNSON	1410 HILLCRES RD	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	RR6, BEDFORD IN	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 111.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 18.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 3.0 gpm for hrs.

Drawdown: ft. *Static water level:* 71.0 ft.

Grouting Information

Material: *Depth:* from to

Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to

Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W

Section: NW 1/4 of the NW 1/4 of the SE 1/4 of Section 36 *Topo map:* BEDFORD EAST

Field located by: JCH *on:* Mon, Aug 01, 1966

Courthouse location by: *on:*

Location accepted w/o verification by: *on:*

Subdivision name: *Lot number:*

Ft W of EL: 2000 *Ft N of SL:* 2500 *Ft E of WL:* *Ft S of NL:*

Ground elevation: 675.0 *Depth to bedrock:* 10.0 *Bedrock elevation:* 665.0 *Aquifier elevation:*

UTM Easting: 546112.0 *UTM Northing:* 4297276.0

Well Log

Top	Bottom	Formation
0.0	12.0	DIRT
12.0	34.0	GRAY LS HARD
34.0	68.0	BLUE LS HARD
68.0	101.0	GRAY LS SOFT
101.0	111.0	BLUE LS HARD

Comments MC 665;

139

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
220907	2 MI S OF BEDFORD TO POOR FARM RD, NOW CR200S. E 300', S 70'.	Sat, Jul 20, 1968

	Name	*Address*	*Telephone*
Owner-Contractor			
Well Owner	BOB BURKHART	RR#5, BEDFORD IN	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	RR6, BEDFORD IN	
Equipment Operator		License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 106.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 25.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test — *Type of test:* — *Test rate:* gpm for hrs. — *BailTest rate:* 13.0 gpm for 1.0 hrs.
Drawdown: ft. — *Static water level:* 46.0 ft.

Grouting Information — *Material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Well Abandonment — *Sealing material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Administrative

County: LAWRENCE — *Township:* 5N *Range:* 1W
Section: NE 1/4 of the NE 1/4 of the NW 1/4 of Section 36 — *Topo map:* BEDFORD EAST
Field located by: PW — *on:* Mon, Aug 16, 1971
Courthouse location by: — *on:*
Location accepted w/o verification by: — *on:*
Subdivision name: — *Lot number:*
Ft W of EL: — *Ft N of SL:* — *Ft E of WL:* 2100 — *Ft S of NL:* 100
Ground elevation: 650.0 — *Depth to bedrock:* 22.0 — *Bedrock elevation:* 628.0 — *Aquifer elevation:*
UTM Easting: 545794.0 — *UTM Northing:* 4298074.0

Well Log

Top	Bottom	Formation
0.0	22.0	DIRT
22.0	32.0	GRAY LS HARD
32.0	70.0	BLUE LS HARD
70.0	85.0	WH LS SOFT
85.0	106.0	BLUE LS SOFT

Comments MC 630; MAILBOX VERIFICATION;

140

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
220912	3 MI S OF BEDFORD IN, ON VINIGAR HILL RD. 250S?UCH.	Wed, Jul 24, 1968

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	LLOYD CRAIG	RR5, BEDFORD IN	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	RR6, BEDFORD IN	
Equipment Operator	CHARLES UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 133.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 26.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 0.6 gpm for 1.0 hrs.
Drawdown: ft. *Static water level:* 53.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W
Section: SW 1/4 of the SW 1/4 of the NE 1/4 of Section 36 *Topo map:* BEDFORD EAST
Field located by: PW *on:* Mon, Aug 16, 1971
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: 2350 *Ft N of SL:* *Ft E of WL:* *Ft S of NL:* 1500
Ground elevation: 680.0 *Depth to bedrock:* 23.0 *Bedrock elevation:* 657.0 *Aquifier elevation:*
UTM Easting: 546020.0 *UTM Northing:* 4297324.0

Well Log

Top	Bottom	Formation
0.0	23.0	DIRT
23.0	70.0	WH LS SOFT
70.0	76.0	BLUE LS HARD
76.0	105.0	GRAY LS SOFT
105.0	133.0	WH LS HARD

Comments

MC 655; VERIFIED BY NEIGHBOR;

141

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
220917	RR5	Sat, Apr 02, 1960

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner			
Building Contractor			
Drilling Contractor	FLOYD STULTZ	RR4, BEDFORD IN	
Equipment Operator	FLOYD STULTZ	License:	

Construction Details

Well	*Use:*	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 120.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 24.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 1.0 gpm for 8.0 hrs.
Drawdown: ft. *Static water level:* 50.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W
Section: NW 1/4 of the NW 1/4 of the NE 1/4 of Section 36 *Topo map:* BEDFORD EAST
Field located by: BARNES *on:* Sun, Jul 01, 1962
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: 2250 *Ft N of SL:* *Ft E of WL:* *Ft S of NL:* 200
Ground elevation: 670.0 *Depth to bedrock:* *Bedrock elevation:* *Aquifer elevation:*
UTM Easting: 546044.0 *UTM Northing:* 4298044.0

Well Log

Top	Bottom	Formation
0.0	24.0	CLAY
24.0	120.0	LS

Comments

Record of Water Well

142

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
220922	IN BEDFORD, S ON I ST PAST POOR FARM RD TO THE 1ST RD, THEN EAST TO THE 1ST RD AND NORTH ON THE EAST SIDE OF RD	Thu, Aug 12, 1965

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	JOHN SCOGGINS	1905 14TH ST., BEDFORD, IN	
Building Contractor			
Drilling Contractor	WILLARD ENGLISH & SON	RR1 CLAYTON, IN	
Equipment Operator	LEON ENGLISH	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* ROTARY	*Pump type:*
	Depth: 130.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 27.0	*Material:*	*Diameter:* 6.5
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 20.0 gpm for hrs.

Drawdown: ft. *Static water level:* 30.0 ft.

Grouting Information

Material: *Depth:* from to

Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to

Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W

Section: NE 1/4 of the NE 1/4 of the NE 1/4 of Section 36 *Topo map:* BEDFORD EAST

Field located by: JVH *on:* Mon, Aug 01, 1966

Courthouse location by: *on:*

Location accepted w/o verification by: *on:*

Subdivision name: *Lot number:*

Ft W of EL: 200 *Ft N of SL:* *Ft E of WL:* *Ft S of NL:* 100

Ground elevation: 690.0 *Depth to bedrock:* 25.0 *Bedrock elevation:* 665.0 *Aquifier elevation:*

UTM Easting: 546690.0 *UTM Northing:* 4298087.0

Well Log

Top	Bottom	Formation
0.0	27.0	CLAY YEL
27.0	130.0	LS

Comments MC665

143

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
220927	2 BLKS E OF PALESTINE RD & 2 BLKS N OF VINEGAR HILL RD.	Tue, Aug 01, 1967

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	ROBERT C. NILSON	1708 7TH ST, BEDFORD	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS		
Equipment Operator	CHARLES	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 118.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 23.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 10.0 gpm for 1.0 hrs.
Drawdown: ft. *Static water level:* 48.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W
Section: SE 1/4 of the SW 1/4 of the NE 1/4 of Section 36 *Topo map:* BEDFORD EAST
Field located by: PW *on:* Mon, Aug 16, 1971
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: 1300 *Ft N of SL:* *Ft E of WL:* *Ft S of NL:* 2000
Ground elevation: 690.0 *Depth to bedrock:* 20.0 *Bedrock elevation:* 670.0 *Aquifer elevation:*
UTM Easting: 546343.0 *UTM Northing:* 4297501.0

Well Log

Top	Bottom	Formation
0.0	20.0	DIRT
20.0	30.0	BLUE LIME HARD
30.0	80.0	WH LIME HARD
80.0	118.0	WH LIME SOFT

Comments MC 670; VERIFIED BY MAILBOX;

14H

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
220932	SUNNY ACRES DR, SO OF BEDFORD.	Thu, Jun 25, 1964

	Name	*Address*	*Telephone*
Owner-Contractor			
Well Owner	JACK BYREN	1630 25ST, BEDFORD	
Building Contractor			
Drilling Contractor	FLOYD STULTZ	RR4, BEDFORD IN	
Equipment Operator	FLOYD STULTZ	License:	

Construction Details

Well	*Use:*	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 105.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 28.0	*Material:*	*Diameter:*
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: PUMPING *Test rate:* 10.0 gpm for 8.0 hrs. *BailTest rate:* gpm for hrs.
Drawdown: ft. *Static water level:* 30.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W
Section: NE 1/4 of the NE 1/4 of the NW 1/4 of Section 36 *Topo map:* BEDFORD EAST
Field located by: JCH *on:* Mon, Aug 01, 1966
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* *Ft E of WL:* 2200 *Ft S of NL:* 700
Ground elevation: 665.0 *Depth to bedrock:* *Bedrock elevation:* *Aquifier elevation:*
UTM Easting: 545813.0 *UTM Northing:* 4297909.0

Well Log

Top	Bottom	Formation
0.0	28.0	CLAY
28.0	105.0	LS

Comments MC 665Page 9789

145

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
220937	POOR FARM RD.	Fri, May 20, 1960

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	VADA H. HAWKINS	RR5, BEDFORD IN	
Building Contractor			
Drilling Contractor	FLOYD STULTZ	RR4, BEDFORD IN	
Equipment Operator	FLOYD STULTZ	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 110.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 6.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test — *Type of test:* — *Test rate:* gpm for hrs. — *BailTest rate:* 1.3 gpm for 8.0 hrs.
Drawdown: ft. — *Static water level:* 40.0 ft.

Grouting Information — *Material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Well Abandonment — *Sealing material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Administrative

County: LAWRENCE — *Township:* 5N *Range:* 1W
Section: NE 1/4 of the NE 1/4 of the NW 1/4 of Section 36 — *Topo map:* BEDFORD EAST
Field located by: BARNES — *on:* Fri, Jul 01, 1960
Courthouse location by: — *on:*
Location accepted w/o verification by: — *on:*
Subdivision name: — *Lot number:*
Ft W of EL: 3000 — *Ft N of SL:* — *Ft E of WL:* — *Ft S of NL:* 700
Ground elevation: 670.0 — *Depth to bedrock:* — *Bedrock elevation:* — *Aquifier elevation:*
UTM Easting: 545813.0 — *UTM Northing:* 4297909.0

Well Log

Top	Bottom	Formation
0.0	6.0	CLAY
6.0	10.0	SOFT LS

Comments

146

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
220942	3 MI S OF BEDFORD, IN ON PALESTINE RD	Thu, Sep 19, 1963

	Name	*Address*	*Telephone*
Owner-Contractor			
Well Owner	G. BROWN	R1 BEDFORD, IN	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	RR6 BOX 13, BEDFORD, IN	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 113.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 47.5	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 3.0 gpm for hrs.

Drawdown: ft. *Static water level:* 58.0 ft.

Grouting Information

Material: *Depth:* from to

Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to

Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W

Section: NE 1/4 of the SW 1/4 of the SE 1/4 of Section 36 *Topo map:* BEDFORD EAST

Field located by: JVH *on:* Mon, Aug 01, 1966

Courthouse location by: *on:*

Location accepted w/o verification by: *on:*

Subdivision name: *Lot number:*

Ft W of EL: 1600 *Ft N of SL:* 1200 *Ft E of WL:* *Ft S of NL:*

Ground elevation: 660.0 *Depth to bedrock:* 45.0 *Bedrock elevation:* 615.0 *Aquifier elevation:*

UTM Easting: 546246.0 *UTM Northing:* 4296879.0

Well Log

Top	Bottom	Formation
0.0	12.0	DIRT
12.0	44.0	BOULDERS & MUD HOLES
44.0	69.0	BLUE LS HARD
69.0	90.0	GRAY LS HARD
90.0	113.0	WHITE LS HARD

Comments MC615

147

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
220947	ON SANDPIT RD JUST E OF MONAN RR AP. 3 MI SW OF BEDFORD, IN S ACROSS	Mon, Jul 27, 1959

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	J.W. HAWKINS	RR1 BEDFORD, IN	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	RR6 BOX 13, BEDFORD, IN	
Equipment Operator	B. ERIE	License:	

Construction Details

Well	*Use:* OTHER	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 78.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:*	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test — *Type of test:* — *Test rate:* gpm for hrs. — *BailTest rate:* 1.0 gpm for 1.0 hrs.
Drawdown: ft. — *Static water level:* 40.0 ft.

Grouting Information — *Material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Well Abandonment — *Sealing material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Administrative

County: LAWRENCE — *Township:* 5N *Range:* 1W
Section: SW 1/4 of the SW 1/4 of the NW 1/4 of Section 35 — *Topo map:* BEDFORD EAST
Field located by: BARNES — *on:* Fri, Jul 01, 1960
Courthouse location by: — *on:*
Location accepted w/o verification by: — *on:*
Subdivision name: — *Lot number:*
Ft W of EL: — *Ft N of SL:* — *Ft E of WL:* — *Ft S of NL:*
Ground elevation: 520.0 — *Depth to bedrock:* — *Bedrock elevation:* — *Aquifier elevation:*
UTM Easting: 543661.0 — *UTM Northing:* 4297372.0

Well Log

Top	Bottom	Formation
0.0	21.0	SAND RED
21.0	40.0	BLUE MUCK
40.0	64.0	BROWN MCUK
64.0	68.0	BROWN LIME
68.0	78.0	SAND & SHALE

Comments MC460

148

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
220952	3 MI S OF BEDFORD ON SAND PIT RD.	Tue, Aug 22, 1961

	Name	*Address*	*Telephone*
Owner-Contractor Well Owner	GLEN HOPKIN	RR1, BEDFORD IN	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	RR6, BEDFORD IN	
Equipment Operator	ERNIE UMPHRESS & SONS	License:	

Construction Details

Well	*Use:* STOCK	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 176.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 28.75	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* gpm for hrs.
Drawdown: ft. *Static water level:* ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W
Section: SW 1/4 of the SW 1/4 of the SW 1/4 of Section 35 *Topo map:* BEDFORD EAST
Field located by: JCH *on:* Mon, Aug 01, 1966
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* 100 *Ft E of WL:* 400 *Ft S of NL:*
Ground elevation: 600.0 *Depth to bedrock:* 20.0 *Bedrock elevation:* 580.0 *Aquifer elevation:*
UTM Easting: 543655.0 *UTM Northing:* 4296531.0

Well Log

Top	Bottom	Formation
0.0	22.0	DIRT
22.0	27.0	LS BOLDER
27.0	75.0	BR LS
75.0	80.0	BLUE LS
80.0	83.0	BLUE SHALE SHALE SOFT
83.0	167.0	BR LS
167.0	176.0	BLUE SHALE

Comments MC 580;

Record of Water Well

149

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
317715	2 MI W OF BEDFORD, ON 450, RT SD OF RD	Thu, May 28, 1998

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	KIM JACKSON	RR BOX 1695, BEDFORD, IN 47421	
Building Contractor			
Drilling Contractor	S&S DRILLING INC.	R1 BOX 507, MONTGOMERY, IN 47558	
Equipment Operator	DEXTER SWARTZENTRUBER	License: 302	

Construction Details

Well	*Use:* HOME	*Drilling method:* ROTARY	*Pump type:*
	Depth: 103.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 30.0	*Material:* PVC	*Diameter:* 6.0
Screen	*Length:* 80.0	*Material:* PVC	*Diameter:* 4.5 *Slot size:*

Well Capacity Test

Type of test: *Test rate:* 10.0 gpm for hrs. *BailTest rate:* gpm for hrs.

Drawdown: ft. *Static water level:* ft.

Grouting Information

Material: BNSL *Depth:* from 30.0 to 0.0

Installation Method: PUMP *Number of bags used:* 2.0

Well Abandonment

Sealing material: *Depth:* from to

Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W

Section: 1/4 of the 1/4 of the NE 1/4 of Section 30 *Topo map:* BEDFORD WEST

Field located by: *on:*

Courthouse location by: *on:*

Location accepted w/o verification by: *on:*

Subdivision name: *Lot number:*

Ft W of EL: *Ft N of SL:* *Ft E of WL:* *Ft S of NL:*

Ground elevation: *Depth to bedrock:* *Bedrock elevation:* *Aquifier elevation:*

UTM Easting: *UTM Northing:*

Well Log

Top	Bottom	Formation
0.0	3.0	CLAY
3.0	25.0	BRKN LIME
25.0	62.0	LIME
62.0	64.0	CLAY
64.0	103.0	SANDY LIME

Comments

Record of Water Well

150

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217925	FROM BEDFORD GO W ON 16TH ST TO 450. GO APROX 2 MI. OLDER FARM HOUSE ON L SIDE. LAST HOUSE BEFORE RANCH IN SALT CREEK BRIDGE.	Sat, Dec 15, 1979

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	BRIDWELL ESTATE	R#11, BEDFORD	
Building Contractor			
Drilling Contractor	CARROLL SHIELDS	R#4, MITCHELL IN	
Equipment Operator	CARROLL SHIELDS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth:	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 31.0	*Material:*	*Diameter:* 6.25
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test — *Type of test:* — *Test rate:* gpm for hrs. — *BailTest rate:* 2.0 gpm for 2.0 hrs.
Drawdown: ft. — *Static water level:* 110.0 ft.

Grouting Information — *Material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Well Abandonment — *Sealing material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Administrative

County: LAWRENCE — *Township:* 5N *Range:* 1W
Section: SW 1/4 of the SE 1/4 of the SE 1/4 of Section 20 — *Topo map:* BEDFORD WEST
Field located by: PES — *on:* Thu, Jul 31, 1980
Courthouse location by: — *on:*
Location accepted w/o verification by: — *on:*
Subdivision name: — *Lot number:*
Ft W of EL: 700 — *Ft N of SL:* 300 — *Ft E of WL:* — *Ft S of NL:*
Ground elevation: 628.0 — *Depth to bedrock:* 31.0 — *Bedrock elevation:* 597.0 — *Aquifer elevation:*
UTM Easting: 540134.0 — *UTM Northing:* 4299700.0

Well Log

Top	Bottom	Formation
0.0	31.0	CLAY
31.0	150.0	SOFT LIME

Comments MC 597; VERIFIED BY NEIGHBOR & MAILBOX;

151

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217945	FROM FAYETTESVILLE GO S ABOUT 2MI, TURN L AT 2ND RD GO ABOUT 1 MI. TURN L 1ST HOUSE ON L.	Mon, Dec 11, 1967

	Name	*Address*	*Telephone*
Owner-Contractor			
Well Owner	DANNIE GOENS	RR, WILLIAMS	
Building Contractor			
Drilling Contractor	LOUIE O. SMITH	R#1, BEDFORD	
Equipment Operator	LOUIS O. SMITH	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 150.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 22.0	*Material:*	*Diameter:* 6.25
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 2.0 gpm for 2.0 hrs.

Drawdown: ft. *Static water level:* 55.0 ft.

Grouting Information

Material: *Depth:* from to

Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to

Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W

Section: NE 1/4 of the SW 1/4 of the SW 1/4 of Section 19 *Topo map:* BEDFORD WEST

Field located by: PW *on:* Wed, Aug 18, 1971

Courthouse location by: *on:*

Location accepted w/o verification by: *on:*

Subdivision name: *Lot number:*

Ft W of EL: *Ft N of SL:* 850 *Ft E of WL:* 1400 *Ft S of NL:*

Ground elevation: 600.0 *Depth to bedrock:* 21.0 *Bedrock elevation:* 579.0 *Aquifer elevation:*

UTM Easting: 537519.0 *UTM Northing:* 4299865.0

Well Log

Top	Bottom	Formation
0.0	19.0	CLAY
19.0	21.0	BLANK
21.0	22.0	LIME
22.0	26.0	SHELL
26.0	45.0	SOFT LIME
45.0	55.0	BROKEN
55.0	60.0	MD LIME
60.0	75.0	HARD LIME
75.0	135.0	BR LIME
135.0	150.0	GRAY LIME

Comments MC 580; VERIFIED BY OWNER;

Record of Water Well

152

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217930	FROM BEDFORD GOING WEST ON 450 CROSS SALT CREEK 1ST RD TO RIGHT 7TH HOUSE ON RIGHT	Mon, May 15, 1967

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	JOE NORDHOFF	2704 W 16TH ST., BEDFORD	
Building Contractor			
Drilling Contractor	LOUIE O. SMITH	R1 BEDFORD	
Equipment Operator		License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 180.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 27.0	*Material:*	*Diameter:* 6.25
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 0.5 gpm for 1.0 hrs.
Drawdown: ft. *Static water level:* 100.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W
Section: NE 1/4 of the SW 1/4 of the SW 1/4 of Section 19 *Topo map:* BEDFORD WEST
Field located by: PW *on:* Wed, Aug 18, 1971
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* 1000 *Ft E of WL:* 1600 *Ft S of NL:*
Ground elevation: 600.0 *Depth to bedrock:* 20.0 *Bedrock elevation:* 580.0 *Aquifer elevation:*
UTM Easting: 537525.0 *UTM Northing:* 4299907.0

Well Log

Top	Bottom	Formation
0.0	20.0	CLAY
20.0	28.0	LIME
28.0	40.0	SOFT LIME
40.0	48.0	LIME
48.0	49.0	SHELL
49.0	60.0	LIME
60.0	62.0	HARD LIME
62.0	63.0	SOFT LIME
63.0	64.0	BLANK
64.0	68.0	LIME
68.0	71.0	SHELL
71.0	180.0	LIME

Comments MS-580, VERIFIED BY OWNER

153

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217935	FROM BEDFORD GOING W TURN LEFT ON 450 CROSS SALT CREEK TURN 1ST RD RIGHT GO .5 MI TURN RIGHT 4TH HOUSE ON LEFT	Mon, Oct 07, 1968

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	DONNIE NORDHOFF		
Building Contractor			
Drilling Contractor	LOUIE SMITH	R1 BEDFORD	
Equipment Operator	LOUIE SMITH	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 199.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 38.0	*Material:*	*Diameter:* 6.25
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 8.0 gpm for 2.0 hrs.
Drawdown: ft. *Static water level:* 99.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W
Section: NE 1/4 of the SW 1/4 of the SW 1/4 of Section 19 *Topo map:* BEDFORD WEST
Field located by: PW *on:* Wed, Aug 18, 1971
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* 1300 *Ft E of WL:* 1250 *Ft S of NL:*
Ground elevation: 610.0 *Depth to bedrock:* 35.0 *Bedrock elevation:* 575.0 *Aquifer elevation:*
UTM Easting: 537446.0 *UTM Northing:* 4299993.0

Well Log

Top	Bottom	Formation
0.0	35.0	CLAY
35.0	40.0	LIME
40.0	150.0	HARD LIME
150.0	199.0	MED LIME

Comments MC575: VERIFIED BY OWNER

Record of Water Well

154

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217940	FROM BEDFORD GO WEST APPROX 1 MI TURN LEFT ON 450 CROSS SALT CREEK TURN RIGHT 1ST RD APPROX 1 MI TURN RIGHT. LAST NEW HOUSE ON LEFT	Wed, Jun 19, 1968

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	DONNIE NORDHOFF	BEDFORD	
Building Contractor			
Drilling Contractor	LOUIE O. SMITH	R1 BEDFORD	
Equipment Operator	LOUIE O. SMITH	License:	

Construction Details

Well	***Use:*** HOME	***Drilling method:*** CABLE TOOL	***Pump type:***
	Depth: 170.0	***Pump setting depth:***	***Water quality:***
Casing	***Length:*** 35.0	***Material:***	***Diameter:*** 6.25
Screen	***Length:***	***Material:***	***Diameter: Slot size:***

Well Capacity Test ***Type of test:*** ***Test rate:*** gpm for hrs. ***BailTest rate:*** 1.0 gpm for 2.0 hrs.
Drawdown: ft. ***Static water level:*** 70.0 ft.

Grouting Information ***Material:*** ***Depth:*** from to
Installation Method: ***Number of bags used:***

Well Abandonment ***Sealing material:*** ***Depth:*** from to
Installation Method: ***Number of bags used:***

Administrative

County: LAWRENCE ***Township:*** 5N ***Range:*** 1W
Section: SE 1/4 of the NW 1/4 of the SW 1/4 of Section 19 ***Topo map:*** BEDFORD WEST
Field located by: PW ***on:*** Wed, Aug 18, 1971
Courthouse location by: ***on:***
Location accepted w/o verification by: ***on:***
Subdivision name: ***Lot number:***
Ft W of EL: ***Ft N of SL:*** 1450 ***Ft E of WL:*** 1150 ***Ft S of NL:***
Ground elevation: 600.0 ***Depth to bedrock:*** 32.0 ***Bedrock elevation:*** 568.0 ***Aquifier elevation:***
UTM Easting: 537409.0 ***UTM Northing:*** 4300035.0

Well Log

Top	Bottom	Formation
0.0	32.0	CLAY
32.0	45.0	BLUE LIME
45.0	66.0	LIME
66.0	67.0	SHELL
67.0	75.0	MED LIME
75.0	95.0	HARD LIME
95.0	114.0	MED LIME
114.0	122.0	SOFT LIME
122.0	135.0	MED LIME
135.0	152.0	BROWN LIME
152.0	155.0	HARD LIME
155.0	170.0	MED LIME

Comments MC570; VERIFIED BY OWNER

155

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217950	FROM BEDFORD GOING WEST ON 450 GO APPROX 5 MI CROSS SALT CREEK 1ST RD ON RIGHT. 9TH HOUSE ON RIGHT ON THIS ROAD	Fri, Mar 10, 1967

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	J. NORDHOFF		
Building Contractor			
Drilling Contractor	LOUIE O. SMITH	R1 BEDFORD, IN	
Equipment Operator	LOUIE O. SMITH	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 160.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 46.0	*Material:*	*Diameter:* 6.25
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 0.5 gpm for 1.0 hrs.
Drawdown: ft. *Static water level:* 77.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W
Section: NE 1/4 of the SW 1/4 of the SW 1/4 of Section 19 *Topo map:* BEDFORD WEST
Field located by: PW *on:* Wed, Aug 18, 1971
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* 1300 *Ft E of WL:* 1550 *Ft S of NL:*
Ground elevation: 600.0 *Depth to bedrock:* 45.0 *Bedrock elevation:* 555.0 *Aquifier elevation:*
UTM Easting: 537525.0 *UTM Northing:* 4299986.0

Well Log

Top	Bottom	Formation
0.0	40.0	CLAY
40.0	50.0	SOFT LIME
50.0	55.0	HARD LIME
55.0	60.0	MED LIME
60.0	66.0	HARD LIME
66.0	67.0	BLUE SHELL
67.0	70.0	HARD LIME
70.0	77.0	SHELL & LIME
77.0	160.0	LIME

Comments MC555; VERIFIED BY OWNER

Record of Water Well

156

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217955	FROM BEDFORD TURN LEFT ON 450 TURN RIGHT 1ST RD TO RIGHT AFTER CROSSING SALT CREEK GO .5 MI TURN RIGHT 3RD NEW HOUSE ON LEFT (W/STONE FRONT)	Wed, Nov 20, 1968

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	TOM NORDHOFF	BEDFORD	
Building Contractor			
Drilling Contractor	LOUIE O. SMITH	R1 BEDFORD	
Equipment Operator	LOUIE O. SMITH	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 204.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 73.0	*Material:*	*Diameter:* 6.25
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 0.5 gpm for 2.0 hrs.
Drawdown: ft. *Static water level:* 114.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W
Section: NE 1/4 of the SW 1/4 of the SW 1/4 of Section 19 *Topo map:* BEDFORD WEST
Field located by: PW *on:* Tue, Aug 18, 1970
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* 1200 *Ft E of WL:* 1300 *Ft S of NL:*
Ground elevation: 610.0 *Depth to bedrock:* 20.0 *Bedrock elevation:* 590.0 *Aquifier elevation:*
UTM Easting: 537464.0 *UTM Northing:* 4429968.0

Well Log

Top	Bottom	Formation
0.0	20.0	CLAY
20.0	39.0	BROKEN
39.0	62.0	LIME
62.0	63.0	SEAM
63.0	69.0	LIME
69.0	70.0	SEAM
70.0	75.0	BROKEN
75.0	85.0	HARD LIME
85.0	145.0	MED LIME
145.0	160.0	BROWN LIME
160.0	205.0	WHITE LIME

Comments MC590, VERIFIED BY OWNER

Record of Water Well

157

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217960	FROM FAYETTEVILLE GOING S ABOUT 2MI. WELL BE 2 RDS, TURN OFF ABOUT SAME TIME, TURN 2ND Y. TURN 1ST RD L 2ND HOUSE.	Sat, Mar 30, 1968

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	DONNIE NORDHOFF	BEDFORD	
Building Contractor			
Drilling Contractor	LOUIE SMITH	R#1, BEDFORD	
Equipment Operator	LOUIE SMITH	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 185.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 24.0	*Material:*	*Diameter:* 6.25
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 5.0 gpm for 2.0 hrs.
Drawdown: ft. *Static water level:* 135.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W
Section: NE 1/4 of the SW 1/4 of the SW 1/4 of Section 19 *Topo map:* BEDFORD WEST
Field located by: PW *on:* Wed, Aug 18, 1971
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* 1000 *Ft E of WL:* 1350 *Ft S of NL:*
Ground elevation: 600.0 *Depth to bedrock:* 15.0 *Bedrock elevation:* 585.0 *Aquifer elevation:*
UTM Easting: 537470.0 *UTM Northing:* 4299913.0

Well Log

Top	Bottom	Formation
0.0	15.0	CLAY
15.0	20.0	SHELL
20.0	35.0	SOFT LIME
35.0	65.0	MD LIME
65.0	78.0	HARD LIME
78.0	165.0	MD LIME
165.0	185.0	MD SOFT LIME GRAY

Comments MC 585; VERIFIED BY OWNER;

158

Record of Water Well

Indiana Department of Natural Resources

Reference Number **220859**	***Driving directions to well*** EUREKA IN.		***Date completed*** Tue, Oct 20, 1964
Owner-Contractor	***Name***	***Address***	***Telephone***
Well Owner	JAMES E. TERRY	1507 2ND ST	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	RR6, BOS 13, BEDFORD IN	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	***Use:*** HOME	***Drilling method:*** CABLE TOOL	***Pump type:***
	Depth: 91.0	***Pump setting depth:***	***Water quality:***
Casing	***Length:*** 39.5	***Material:***	***Diameter:*** 6.0
Screen	***Length:***	***Material:***	***Diameter: Slot size:***

Well Capacity Test ***Type of test:*** ***Test rate:*** gpm for hrs. ***BailTest rate:*** gpm for hrs.
Drawdown: ft. ***Static water level:*** 48.0 ft.

Grouting Information ***Material:*** ***Depth:*** from to
Installation Method: ***Number of bags used:***

Well Abandonment ***Sealing material:*** ***Depth:*** from to
Installation Method: ***Number of bags used:***

Administrative

County: LAWRENCE ***Township:*** 5N ***Range:*** 1W
Section: NE 1/4 of the NE 1/4 of the NW 1/4 of Section 18 ***Topo map:*** BEDFORD WEST
Field located by: JCH ***on:*** Mon, Aug 01, 1966
Courthouse location by: ***on:***
Location accepted w/o verification by: ***on:***
Subdivision name: ***Lot number:***
Ft W of EL: ***Ft N of SL:*** 4900 ***Ft E of WL:*** 2450 ***Ft S of NL:***
Ground elevation: 650.0 ***Depth to bedrock:*** 35.0 ***Bedrock elevation:*** 615.0 ***Aquifer elevation:***
UTM Easting: 537823.0 ***UTM Northing:*** 4302687.0

Well Log

Top	Bottom	Formation
0.0	29.0	DIRT
29.0	34.0	BOULDERS & MUD HOLES
34.0	67.0	BLUE LS SOFT
67.0	73.0	GRAY LS HARD
73.0	91.0	BLUE LS HARD

Comments MC 615:

159

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
220864	WEST EDGE OF EUREKA, IN	Wed, Sep 26, 1962

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	CHARLES KILLIAN	RR2 BEDFORD, IN	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	RR6 BEDFORD, IN	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 93.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 51.5	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 3.0 gpm for hrs.
Drawdown: ft. *Static water level:* 21.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W
Section: SW 1/4 of the SE 1/4 of the NW 1/4 of Section 18 *Topo map:* BEDFORD WEST
Field located by: *on:* Tue, Oct 01, 1963
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* 3300 *Ft E of WL:* 1600 *Ft S of NL:*
Ground elevation: 625.0 *Depth to bedrock:* *Bedrock elevation:* *Aquifer elevation:*
UTM Easting: 537543.0 *UTM Northing:* 4302151.0

Well Log

Top	Bottom	Formation
0.0	31.0	DIRT
31.0	47.0	MUD HOLES & BOULDERS
47.0	58.0	BLUE LS HARD
58.0	83.0	GRAY LS HARD
83.0	93.0	BLUE LS HARD

Comments

Record of Water Well

160

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
220869	ON SR 158 W OF EUREKA ABOUT .5 MI.	Fri, Oct 30, 1959

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	KERMIT WILLIAMS	RR2, BEDFORD IN	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	RR6, BOS 13, BEDFORD IN	
Equipment Operator	ERNIE UMPHRESS & SONS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 125.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 41.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 0.92 gpm for 1.0 hrs.
Drawdown: ft. *Static water level:* 80.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W
Section: SW 1/4 of the SE 1/4 of the NW 1/4 of Section 18 *Topo map:* BEDFORD WEST
Field located by: BAINS *on:* Fri, Jul 01, 1960
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* 2600 *Ft E of WL:* 1550 *Ft S of NL:*
Ground elevation: 630.0 *Depth to bedrock:* *Bedrock elevation:* *Aquifer elevation:*
UTM Easting: 537555.0 *UTM Northing:* 4302004.0

Well Log

Top	Bottom	Formation
0.0	35.0	DIRT & FLINT ROCK
35.0	40.0	SOFT BLUE SHALE
40.0	75.0	WH LIME
75.0	80.0	EXTRA SOFT SHALE
80.0	100.0	HARD BLUE SHALE
100.0	125.0	BUFF LIME STONE

Comments MC;

Record of Water Well

161

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
220874	NW CORNER OF SAID QUARTER SECTION. S OF LEESVILLE GRAVE RD 18 POLES AND 17 LINKS 2.5 MI EAST OF BEDFORD, IN	Wed, Dec 14, 1960

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	FLOYD WEVER	446	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	RR6 BOX 13, BEDFORD, IN	
Equipment Operator	ERNIE UMPHRESS & SONS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 100.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 8.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 0.22 gpm for 1.0 hrs.
Drawdown: ft. *Static water level:* 42.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W
Section: SW 1/4 of the SW 1/4 of the SE 1/4 of Section 18 *Topo map:* BEDFORD EAST
Field located by: JVH *on:* Mon, Aug 01, 1966
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: 2300 *Ft N of SL:* 100 *Ft E of WL:* *Ft S of NL:*
Ground elevation: 660.0 *Depth to bedrock:* 5.0 *Bedrock elevation:* 655.0 *Aquifer elevation:*
UTM Easting: 538037.0 *UTM Northing:* 4301212.0

Well Log

Top	Bottom	Formation
0.0	6.0	DIRT
6.0	40.0	WHITE LS HARD
40.0	65.0	BLUE LS HARD
65.0	83.0	WHITE LS HARD
83.0	100.0	BLUE SHALE

Comments

162

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
220879	APP 1 MI E OF NEDFORD IN	Tue, Aug 06, 1963

	Name	*Address*	*Telephone*
Owner-Contractor			
Well Owner	GLENN D. WOODY	RR#6, BEDFORD IN	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	BEDFORD IN	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 200.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 6.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 0.5 gpm for hrs.
Drawdown: ft. *Static water level:* 100.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W
Section: NW 1/4 of the NE 1/4 of the SE 1/4 of Section 18 *Topo map:* BEDFORD EAST
Field located by: JCH *on:* Mon, Aug 01, 1966
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: 1200 *Ft N of SL:* 1900 *Ft E of WL:* *Ft S of NL:*
Ground elevation: 560.0 *Depth to bedrock:* 5.0 *Bedrock elevation:* 555.0 *Aquifier elevation:*
UTM Easting: 538360.0 *UTM Northing:* 4301779.0

Well Log

Top	Bottom	Formation
0.0	2.5	DIRT
2.5	23.0	BLUE LS HARD
23.0	51.0	GRAY LS HARD
51.0	70.0	WH LS HARD
70.0	103.0	BLUE LS HARD
103.0	200.0	BLUE SHALE SOFT

Comments

Record of Water Well

163

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
220884	.25 MI N OF EUREKA IN. TRAILE.	Sat, Jul 25, 1964

	Name	*Address*	*Telephone*
Owner-Contractor Well Owner	RONNIE WALLCOTT	BEDFORD IN	
Building Contractor			
Drilling Contractor	EUGENE & CHARLES UMPHRESS	RR6, BOX 13,BEDFORD IN	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 151.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 52.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 2.0 gpm for hrs.
Drawdown: ft. *Static water level:* 50.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W
Section: NE 1/4 of the NE 1/4 of the NW 1/4 of Section 18 *Topo map:* BEDFORD WEST
Field located by: JCH *on:* Mon, Aug 01, 1966
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: 2650 *Ft N of SL:* 4700 *Ft E of WL:* *Ft S of NL:*
Ground elevation: 630.0 *Depth to bedrock:* 20.0 *Bedrock elevation:* 610.0 *Aquifer elevation:*
UTM Easting: 537927.0 *UTM Northing:* 4302614.0

Well Log

Top	Bottom	Formation
0.0	18.0	DIRT
18.0	44.0	LS BOULDERS & MUD HOLES
44.0	57.0	BLUE LS SOFT
57.0	73.0	GRAY LS SOFT
73.0	86.0	BLUE LS HARD
86.0	134.0	GRAY LS SOFT
134.0	151.0	WH LS SOFT

Comments MC 610;

Record of Water Well

164

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
220889	EUREKA IN, S SIDE OF RD.	Mon, Sep 13, 1965

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	JAMES MOSIER	BEDFORD IN	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	RR6, BOX 13,BEDFORD IN	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 137.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 35.5	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 0.75 gpm for hrs.

Drawdown: ft. *Static water level:* 20.0 ft.

Grouting Information

Material: *Depth:* from to

Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to

Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W

Section: NE 1/4 of the SE 1/4 of the NW 1/4 of Section 18 *Topo map:* BEDFORD WEST

Field located by: JCH *on:* Mon, Aug 01, 1966

Courthouse location by: *on:*

Location accepted w/o verification by: *on:*

Subdivision name: *Lot number:*

Ft W of EL: *Ft N of SL:* 3500 *Ft E of WL:* 2400 *Ft S of NL:*

Ground elevation: 620.0 *Depth to bedrock:* 25.0 *Bedrock elevation:* 595.0 *Aquifier elevation:*

UTM Easting: 537811.0 *UTM Northing:* 4302236.0

Well Log

Top	Bottom	Formation
0.0	24.0	DIRT
24.0	27.0	BROKEN LS SOFT
27.0	33.0	GRAY LS HARD
33.0	64.0	BLUE LS SOFT
64.0	67.0	BROKEN LS SOFT
67.0	89.0	BLUE LS HARD
89.0	108.0	GRAY LS SOFT
108.0	124.0	BR LS SOFT
124.0	137.0	WH LS SOFT

Comments MC 595;

Record of Water Well

165

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
220894	EUREKA IN.	Fri, Feb 10, 1967

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	JAMES TERRY	BEDFORD IN	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	RR6, BOX 13,BEDFORD IN	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 90.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 49.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 4.0 gpm for hrs.

Drawdown: ft. *Static water level:* 65.0 ft.

Grouting Information

Material: *Depth:* from to

Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to

Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W

Section: SW 1/4 of the NW 1/4 of the NE 1/4 of Section 18 *Topo map:* BEDFORD WEST

Field located by: PW *on:* Tue, Aug 17, 1971

Courthouse location by: *on:*

Location accepted w/o verification by: *on:*

Subdivision name: *Lot number:*

Ft W of EL: 2150 *Ft N of SL:* 3950 *Ft E of WL:* *Ft S of NL:*

Ground elevation: 625.0 *Depth to bedrock:* 39.0 *Bedrock elevation:* 586.0 *Aquifier elevation:*

UTM Easting: 538073.0 *UTM Northing:* 4302407.0

Well Log

Top	Bottom	Formation
0.0	30.0	DIRT
30.0	39.0	BOULDERS & MUD HOLES
39.0	68.0	BLUE LS SOFT
68.0	75.0	GRAY LS HARD
75.0	90.0	BLUE LS HARD

Comments MC 585; VERIFIED BY NEIGHBOR;

Record of Water Well

1666

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
220899	FROM BEDFORD GO WEST APPROX. 5MI ON 158, ACROSS RD FROM NEW UNION CHRISTIAN CHURCH	Thu, Mar 18, 1965

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	JAKE MULLIS	R2 BEDFORD	
Building Contractor			
Drilling Contractor	LOUIE O. SMITH	R1 BEDFORD	
Equipment Operator	LOUIE O. SMITH	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 205.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 35.0	*Material:*	*Diameter:* 6.25
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 0.5 gpm for 4.0 hrs.
Drawdown: ft. *Static water level:* 120.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W
Section: SW 1/4 of the NE 1/4 of the NE 1/4 of Section 18 *Topo map:* BEDFORD WEST
Field located by: JVH *on:* Mon, Aug 01, 1966
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: 800 *Ft N of SL:* 4100 *Ft E of WL:* *Ft S of NL:*
Ground elevation: 650.0 *Depth to bedrock:* 30.0 *Bedrock elevation:* 620.0 *Aquifier elevation:*
UTM Easting: 538494.0 *UTM Northing:* 4302443.0

Well Log

Top	Bottom	Formation
0.0	30.0	CLAY
30.0	70.0	BROWN LIME
70.0	90.0	GRAY LIME
90.0	120.0	LIGHT GRAY
120.0	155.0	DARK LIME
155.0	202.0	WHITE LIME
202.0	205.0	HARD LIME

Comments MC620

Record of Water Well

167

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
220904	APPROX 5 MI W OF BEDFORD TURN RIGHT AT EUREKA 1ST TRAILER ON RIGHT	Mon, Jun 21, 1965

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	LESLIE GRISSOM	R2 BEDFORD	
Building Contractor			
Drilling Contractor	LOUIE O. SMITH	R1 BEDFORD	
Equipment Operator	LOUIE O. SMITH	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 187.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 36.0	*Material:*	*Diameter:* 6.25
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test *Type of test:* *Test rate:* gpm for hrs. *BailTest rate:* 1.5 gpm for 3.0 hrs.
Drawdown: ft. *Static water level:* 87.0 ft.

Grouting Information *Material:* *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment *Sealing material:* *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W
Section: NW 1/4 of the NW 1/4 of the NE 1/4 of Section 18 *Topo map:* BEDFORD WEST
Field located by: JVH *on:* Mon, Aug 01, 1966
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: 2500 *Ft N of SL:* 4600 *Ft E of WL:* *Ft S of NL:*
Ground elevation: 630.0 *Depth to bedrock:* 35.0 *Bedrock elevation:* 595.0 *Aquifier elevation:*
UTM Easting: 537933.0 *UTM Northing:* 4302541.0

Well Log

Top	Bottom	Formation
0.0	35.0	CLAY
35.0	40.0	SOFT LIME
40.0	42.0	GRAY LIME
42.0	63.0	BROWN LIME
63.0	64.0	BLANK
64.0	68.0	HARD LIME
68.0	71.0	SHELL
71.0	74.0	LIME
74.0	77.0	SHELL
77.0	90.0	HARD LIME
90.0	140.0	WHITE LIME
140.0	185.0	GRAY LIME
185.0	188.0	HARD LIME

Comments MC

168

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
220919	APP 3 MI W OF BEDFORD IN ON SR450, S SIDE OF RD.	Fri, Nov 19, 1965

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	CHARLES E. HILLENBURG	RR2, BEDFORD IN	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	RR6, BOX 13,BEDFORD IN	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 137.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 18.5	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test *Type of test:* *Test rate:* gpm for hrs. *BailTest rate:* 5.0 gpm for hrs.
Drawdown: ft. *Static water level:* 42.0 ft.

Grouting Information *Material:* *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment *Sealing material:* *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W
Section: NE 1/4 of the NW 1/4 of the SW 1/4 of Section 18 *Topo map:* BEDFORD WEST
Field located by: JCH *on:* Mon, Aug 01, 1966
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* 2400 *Ft E of WL:* 1600 *Ft S of NL:*
Ground elevation: 630.0 *Depth to bedrock:* 15.0 *Bedrock elevation:* 615.0 *Aquifier elevation:*
UTM Easting: 537531.0 *UTM Northing:* 4301931.0

Well Log

Top	Bottom	Formation
0.0	7.0	DIRT
7.0	15.0	BOULDERS & MUD HOLES
15.0	34.0	GRAY LS HARD
34.0	48.0	WH LS SOFT
48.0	60.0	BLUE LS SOFT
60.0	96.0	BR LS SOFT
96.0	112.0	GRAY LS SOFT
112.0	137.0	BLUE LS HARD

Comments MC 615;

169

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
220924	APP 2.5 MI W OF BEDFORD IN.	Tue, Jan 28, 1964

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	ELIZABETH DONALDSON	BEDFORD IN, RR2	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	RR6, BOX 13,BEDFORD IN	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 140.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 23.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test *Type of test:* *Test rate:* gpm for hrs. *BailTest rate:* 0.08 gpm for hrs.
Drawdown: ft. *Static water level:* 70.0 ft.

Grouting Information *Material:* *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment *Sealing material:* *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W
Section: NW 1/4 of the NW 1/4 of the SE 1/4 of Section 17 *Topo map:* BEDFORD WEST
Field located by: JCH *on:* Mon, Aug 01, 1966
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: 2600 *Ft N of SL:* 2500 *Ft E of WL:* *Ft S of NL:*
Ground elevation: 610.0 *Depth to bedrock:* 20.0 *Bedrock elevation:* 590.0 *Aquifier elevation:*
UTM Easting: 539530.0 *UTM Northing:* 4301974.0

Well Log

Top	Bottom	Formation
0.0	12.0	DIRT
12.0	20.0	BROKEN LS & BOULDERS
20.0	63.0	BLUE LS HARD
63.0	71.0	GRAY LS SOFT
71.0	77.0	BLUE LS HARD
77.0	118.0	WH LS SOFT
118.0	132.0	GRAY LS HARD
132.0	140.0	BLUE LS HARD

Comments MC 590:

170

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
220929	100' SW OF TILE BLOCK CHICKEN HOUSE. WEST OF BEDFORD ON 450, WEST OF NEW BRIDGE ON FAYETTE RD	Thu, Nov 16, 1961

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	HUGH SCHENSCHEL	RR2 BEDFORD, IN	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	BEDFORD, IN RR6	
Equipment Operator	ERNIE UMPHRESS & SONS	License:	

Construction Details

Well	*Use:* STOCK	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 175.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 27.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 0.75 gpm for 1.0 hrs.
Drawdown: ft. *Static water level:* 55.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W
Section: NW 1/4 of the SW 1/4 of the NE 1/4 of Section 17 *Topo map:* BEDFORD WEST
Field located by: *on:* Tue, Oct 01, 1963
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: 2200 *Ft N of SL:* 3500 *Ft E of WL:* *Ft S of NL:*
Ground elevation: 560.0 *Depth to bedrock:* *Bedrock elevation:* *Aquifer elevation:*
UTM Easting: 539652.0 *UTM Northing:* 4302272.0

Well Log

Top	Bottom	Formation
0.0	23.0	DIRT
23.0	30.0	BLUE LS HARD
30.0	40.0	GRAY LS HARD
40.0	62.0	BROWN LS SOFT
62.0	68.0	BROKEN LS SOFT
68.0	125.0	BLUE LS HARD
125.0	140.0	BLUE LS SOFT
140.0	163.0	WHITE LS HARD
163.0	175.0	BLUE SHALE SOFT

Comments BROTHER VERIFIED

171

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
220934	ON THE N SIDE OF SR 158 APROX 1300' W OF JCT WITH SR458.	Sat, Oct 03, 1964

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	O. COOPER MILLER	RR#2, BEDFORD IN	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	RR6, BOX 13,BEDFORD IN	
Equipment Operator	EUGENE & CHARLE UMPHRESS	License:	

Construction Details

Well	***Use:*** HOME	***Drilling method:*** CABLE TOOL	***Pump type:***
	Depth: 150.0	***Pump setting depth:***	***Water quality:***
Casing	***Length:*** 43.5	***Material:***	***Diameter:*** 6.0
Screen	***Length:***	***Material:***	***Diameter: Slot size:***

Well Capacity Test	***Type of test:***	***Test rate:*** gpm for hrs.	***BailTest rate:*** 1.0 gpm for hrs.
	Drawdown: ft.	***Static water level:*** 30.0 ft.	

Grouting Information	***Material:***	***Depth:*** from to
	Installation Method:	***Number of bags used:***

Well Abandonment	***Sealing material:***	***Depth:*** from to
	Installation Method:	***Number of bags used:***

Administrative	***County:*** LAWRENCE		***Township:*** 5N ***Range:*** 1W	
	Section: NE 1/4 of the NW 1/4 of the NW 1/4 of Section 17			***Topo map:*** BEDFORD WEST
	Field located by: JCH		***on:*** Mon, Aug 01, 1966	
	Courthouse location by:		***on:***	
	Location accepted w/o verification by:		***on:***	
	Subdivision name:		***Lot number:***	
	Ft W of EL:	***Ft N of SL:*** 4900	***Ft E of WL:*** 1100	***Ft S of NL:***
	Ground elevation: 580.0	***Depth to bedrock:*** 20.0	***Bedrock elevation:*** 560.0	***Aquifier elevation:***
	UTM Easting: 539067.0		***UTM Northing:*** 4302687.0	

Well Log

Top	Bottom	Formation
0.0	18.0	DIRT
18.0	41.0	BROKEN LS SOFT
41.0	67.0	GRAY LS HARD
67.0	84.0	BLUE LS HARD
84.0	116.0	BR LS SOFT
116.0	150.0	WH LS SOFT

Comments MC 560;

172

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
220939	4 MI WEST OF BEDFORD, IN ON BEDFORD & FAYETTEVILLE RD RT 158; E OF EUREKA	Fri, Feb 12, 1960

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	SAM G. MITCHELL	944 I ST BEDFORD, IN	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	RR6 BOX 13, BEDFORD, IN	
Equipment Operator	ERNIE UMPHRESS & SONS	License:	

Construction Details

Well	*Use:* OTHER	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 150.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 23.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test *Type of test:* *Test rate:* gpm for hrs. *BailTest rate:* 1.0 gpm for 1.0 hrs.
Drawdown: ft. *Static water level:* 25.0 ft.

Grouting Information *Material:* *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment *Sealing material:* *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W
Section: SW 1/4 of the NE 1/4 of the NW 1/4 of Section 17 *Topo map:* BEDFORD WEST
Field located by: BARNES *on:* Fri, Jul 01, 1960
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* 4200 *Ft E of WL:* 1550 *Ft S of NL:*
Ground elevation: 560.0 *Depth to bedrock:* *Bedrock elevation:* *Aquifier elevation:*
UTM Easting: 539195.0 *UTM Northing:* 4302492.0

Well Log

Top	Bottom	Formation
0.0	22.0	DIRT
22.0	70.0	BLUE LS SOFT
70.0	85.0	WHITE LS HARD
85.0	125.0	BLUE LS HARD
125.0	150.0	WHITE LS HARD

Comments MC; SEE MAP; WE DRILL THIN WELL IN 5' PIT AND YOU COULD SAY 5' MOREDIRT

173

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
220944	2 MI W OF BEDFORD ON RR2 SR58 ON FAYETTEVILLE RD & ON S SIDE OF RD. CLOSE TO JCT OF PURDUE FARM RD & FAYETTEVILLE RD.	Tue, Nov 16, 1965

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	MILO V. MARCHETTI	1408 20TH, BEDFORD	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	RR6, BOX 13,BEDFORD IN	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 150.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 13.5	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test — *Type of test:* — *Test rate:* gpm for hrs. — *BailTest rate:* 3.0 gpm for hrs.
Drawdown: ft. — *Static water level:* 59.0 ft.

Grouting Information — *Material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Well Abandonment — *Sealing material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Administrative

County: LAWRENCE — *Township:* 5N *Range:* 1W
Section: NW 1/4 of the NE 1/4 of the NW 1/4 of Section 17 — *Topo map:* BEDFORD WEST
Field located by: JCH — *on:* Mon, Aug 01, 1966
Courthouse location by: — *on:*
Location accepted w/o verification by: — *on:*
Subdivision name: — *Lot number:*
Ft W of EL: — *Ft N of SL:* 5000 — *Ft E of WL:* 1450 — *Ft S of NL:*
Ground elevation: 575.0 — *Depth to bedrock:* 5.0 — *Bedrock elevation:* 570.0 — *Aquifier elevation:*
UTM Easting: 539177.0 — *UTM Northing:* 4302717.0

Well Log

Top	Bottom	Formation
0.0	4.0	DIRT
4.0	33.0	GRAY LS HARD
33.0	60.0	WH LS SOFT
60.0	111.0	GRAY LS SOFT
111.0	117.0	WH LS SOFT
117.0	143.0	BLUE LS HARD
143.0	150.0	WH LS SOFT

Comments MC 570.

Record of Water Well

174

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
220846	FROM BEDFORD GOING W TURN R ON PURDUE TOWN RD. 2ND HOUSE ON L. J. CONERS RES.	Wed, Jan 23, 1963

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	VIRGIL ARNEY	R#2, BEDFORD	
Building Contractor			
Drilling Contractor	LOUIS O. SMITH	R#1, BEDFORD	
Equipment Operator	LOUIS O. SMITH	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 125.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 20.0	*Material:*	*Diameter:* 6.25
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test — *Type of test:* — *Test rate:* gpm for hrs. — *BailTest rate:* 1.0 gpm for 2.0 hrs.
Drawdown: ft. — *Static water level:* 43.0 ft.

Grouting Information — *Material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Well Abandonment — *Sealing material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Administrative

County: LAWRENCE — *Township:* 5N *Range:* 1W
Section: NE 1/4 of the SW 1/4 of the SW 1/4 of Section 8 — *Topo map:* OOLITIC
Field located by: U — *on:* Tue, Oct 01, 1963
Courthouse location by: — *on:*
Location accepted w/o verification by: — *on:*
Subdivision name: — *Lot number:*
Ft W of EL: — *Ft N of SL:* 900 — *Ft E of WL:* 1100 — *Ft S of NL:*
Ground elevation: 615.0 — *Depth to bedrock:* — *Bedrock elevation:* — *Aquifier elevation:*
UTM Easting: 539086.0 — *UTM Northing:* 4303125.0

Well Log

Top	Bottom	Formation
0.0	17.0	CLAY
17.0	60.0	LIME
60.0	120.0	WH LIME
120.0	128.0	GRAY LIME

Comments

175

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
220851	3 MI W OF BEDFORD, IN ON DARK HOLLOW RD; ANNA SWANGO ON PURDUE FARM RD	Thu, Nov 09, 1961

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	ANNA SWANGO	RR2 BEDFORD, IN	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	RR6 BEDFORD, IN	
Equipment Operator	ERNIE UMPHRESS & SONS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 150.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:*	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test *Type of test:* *Test rate:* gpm for hrs. *BailTest rate:* 0.5 gpm for hrs.
Drawdown: ft. *Static water level:* 64.0 ft.

Grouting Information *Material:* *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment *Sealing material:* *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W
Section: SW 1/4 of the NE 1/4 of the SW 1/4 of Section 8 *Topo map:* OOLITIC
Field located by: *on:* Tue, Oct 01, 1963
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* 1350 *Ft E of WL:* 1400 *Ft S of NL:*
Ground elevation: 640.0 *Depth to bedrock:* *Bedrock elevation:* *Aquifier elevation:*
UTM Easting: 539141.0 *UTM Northing:* 4303265.0

Well Log

Top	Bottom	Formation
0.0	10.0	DIRT
10.0	39.0	BLUE LS HS
39.0	42.0	MUD SOFT
42.0	67.0	GRAY LS HARD
67.0	80.0	WHITE LS HARD
80.0	115.0	BROWN LS SOFT
115.0	150.0	WHITE LS SOFT

Comments MC; MAILBOX

176

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
220856	ABOUT .375 MI N OF BEDFORD & FAYETVILLE RD ON SR158.	Tue, Feb 23, 1960

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	SAM O'MITCHEL	944 N I ST, BEDFORD IN	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	RR6, BOX 13, BEDFORD IN	
Equipment Operator	ERNIE UMPHRESS & SONS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 140.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 27.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test — *Type of test:* — *Test rate:* gpm for hrs. — *BailTest rate:* 1.0 gpm for 1.0 hrs. — *Drawdown:* ft. — *Static water level:* 45.0 ft.

Grouting Information — *Material:* — *Depth:* from to — *Installation Method:* — *Number of bags used:*

Well Abandonment — *Sealing material:* — *Depth:* from to — *Installation Method:* — *Number of bags used:*

Administrative

County: LAWRENCE — *Township:* 5N *Range:* 1W

Section: NW 1/4 of the SE 1/4 of the SW 1/4 of Section 8 — *Topo map:* OOLITIC

Field located by: S&H — *on:* Tue, Nov 01, 1960

Courthouse location by: — *on:*

Location accepted w/o verification by: — *on:*

Subdivision name: — *Lot number:*

Ft W of EL: — *Ft N of SL:* 800 — *Ft E of WL:* 1400 — *Ft S of NL:*

Ground elevation: 615.0 — *Depth to bedrock:* — *Bedrock elevation:* — *Aquifer elevation:*

UTM Easting: 539128.0 — *UTM Northing:* 4303088.0

Well Log

Top	Bottom	Formation
0.0	25.0	DIRT
25.0	50.0	WH LS HARD
50.0	103.0	BR LS SOFT
103.0	125.0	WH LS SOFT
125.0	140.0	BLUE LS HARD

Comments MC 590; OFFICE CHAM; FE 0.6 PPM, HARDNESS 335 PPM, PH 7.2, CHLORIDE 6 PPMPage 9784

177

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
220861	FROM BEDFORD GOING W. ON 158 TO PURDUE FARM RD, GO TO 5TH HOUSE ON R.	Thu, Aug 01, 1963

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	JOHN BUNDY	RRT. #2, BEDFOR, IN.	
Building Contractor			
Drilling Contractor	LOUIE O. SMITH	RRT. #1, BEDFORD, IN.	
Equipment Operator	LOUIE O. SMITH	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth:	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 30.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test — *Type of test:* — *Test rate:* gpm for hrs. — *BailTest rate:* 5.0 gpm for 2.0 hrs.
Drawdown: ft. — *Static water level:* 50.0 ft.

Grouting Information — *Material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Well Abandonment — *Sealing material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Administrative

County: LAWRENCE — *Township:* 5N *Range:* 1W
Section: NE 1/4 of the NW 1/4 of the SW 1/4 of Section 8 — *Topo map:* OOLITIC
Field located by: U — *on:* Tue, Oct 01, 1963
Courthouse location by: — *on:*
Location accepted w/o verification by: — *on:*
Subdivision name: — *Lot number:*
Ft W of EL: — *Ft N of SL:* 2600 — *Ft E of WL:* 1200 — *Ft S of NL:*
Ground elevation: 655.0 — *Depth to bedrock:* — *Bedrock elevation:* — *Aquifer elevation:*
UTM Easting: 539093.0 — *UTM Northing:* 4303631.0

Well Log

Top	Bottom	Formation
0.0	20.0	CLAY
20.0	26.0	RED CLAY
26.0	35.0	LS
35.0	37.0	SOFT LIME
37.0	40.0	WHITE LIME
40.0	41.0	BLANK
41.0	45.0	SHELL
45.0	66.0	BLUE LIME
66.0	70.0	WHITE LIME
70.0	105.0	HARD LIME
105.0	145.0	WHITE BUFF LIME
145.0	185.0	HARD LIME

Comments — MC 600:

178

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
220866	APPROX. 200' E. OF THE PURDUE FARM RD.	Wed, Aug 22, 1962

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	HARRY & PAULINE KERN	RRT. #2, BEDFOR, IN.	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	RRT. 6, BEDFORD, IN.	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 148.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 34.5	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 5.0 gpm for hrs.
Drawdown: ft. *Static water level:* 95.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W
Section: SW 1/4 of the NE 1/4 of the SW 1/4 of Section 8 *Topo map:* OOLITIC
Field located by: JCH *on:* Mon, Aug 01, 1966
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* 1600 *Ft E of WL:* 1480 *Ft S of NL:*
Ground elevation: 645.0 *Depth to bedrock:* *Bedrock elevation:* *Aquifer elevation:*
UTM Easting: 539141.0 *UTM Northing:* 4303356.0

Well Log

Top	Bottom	Formation
0.0	27.0	DIRT
27.0	33.0	GRAY LS-SOFT
33.0	45.0	BLUE LS-SOFT
45.0	59.0	GRAY LS-SOFT
59.0	77.0	BLUE LS-HARD
77.0	95.0	GRAY LS-SOFT
95.0	127.0	BRN LS-SOFT
127.0	139.0	GRAY LS-SOFT
139.0	148.0	WHITE LS-SOFT

Comments MC:

Record of Water Well

179

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
220871	E OPPOSITE PARDUE FARMS.	Wed, Oct 12, 1960

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	WM. FITZGERALD	BEDFORD RR 2, IN	
Building Contractor			
Drilling Contractor	ELMER ALFORD	MITCHELL IN	
Equipment Operator	ELMER ALFORD	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 160.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 28.0	*Material:*	*Diameter:* 6.62
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test *Type of test:* *Test rate:* gpm for hrs. *BailTest rate:* gpm for hrs.
Drawdown: ft. *Static water level:* 90.0 ft.

Grouting Information *Material:* *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment *Sealing material:* *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W
Section: NW 1/4 of the NW 1/4 of the NW 1/4 of Section 8 *Topo map:* OOLITIC
Field located by: JCH *on:* Mon, Aug 01, 1966
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* *Ft E of WL:* 1200 *Ft S of NL:* 400
Ground elevation: 653.0 *Depth to bedrock:* 28.0 *Bedrock elevation:* 625.0 *Aquifier elevation:*
UTM Easting: 539094.0 *UTM Northing:* 4304301.0

Well Log

Top	Bottom	Formation
0.0	28.0	RED CLAY & BOULDERS
28.0	100.0	GRAY LIME MD
100.0	160.0	WH LIME MD

Comments MC 625;

180

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
220876	APP 1.5 MI N OF EURKA IN.	Thu, Jul 23, 1964

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	MICHAEL K. SKEEN	RR#2, BEDFORD IN	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	BEDFORD IN, RR6	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 104.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 30.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test: *Type of test:* | *Test rate:* gpm for hrs. | *BailTest rate:* 9.0 gpm for hrs.
Drawdown: ft. | *Static water level:* 40.0 ft.

Grouting Information: *Material:* | *Depth:* from to
Installation Method: | *Number of bags used:*

Well Abandonment: *Sealing material:* | *Depth:* from to
Installation Method: | *Number of bags used:*

Administrative

County: LAWRENCE | *Township:* 5N *Range:* 1W
Section: SW 1/4 of the NW 1/4 of the NE 1/4 of Section 7 | *Topo map:* OOLITIC
Field located by: JCH | *on:* Mon, Aug 01, 1966
Courthouse location by: | *on:*
Location accepted w/o verification by: | *on:*
Subdivision name: | *Lot number:*
Ft W of EL: 2500 | *Ft N of SL:* | *Ft E of WL:* | *Ft S of NL:* 100
Ground elevation: 650.0 | *Depth to bedrock:* | *Bedrock elevation:* 625.0 | *Aquifer elevation:*
UTM Easting: 537941.0 | *UTM Northing:* 4304126.0

Well Log

Top	Bottom	Formation
0.0	27.0	DIRT
27.0	61.0	BLUE LS HARD
61.0	87.0	GRAY LS SOFT
87.0	93.0	WH LS SOFT
93.0	104.0	BLUE LS HARD

Comments MC 625:

Record of Water Well

181

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
220881	FROM BEDFORD GOING W. ON 158 APPROX. 5 MI., TURN N ON PENDUE FARM RD. GO 1ST RD TO L., 2ND HOUSE ON L.	Sat, Sep 12, 1964

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	LESTER COMPTON	RRT. #2, BEDFORD, IN.	
Building Contractor			
Drilling Contractor	LOUIE O. SMITH	RRT. #1, BEDFORD, IN.	
Equipment Operator	LOUIE O. SMITH	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 100.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 30.0	*Material:*	*Diameter:* 6.25
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 3.0 gpm for 3.0 hrs.
Drawdown: ft. *Static water level:* 45.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W
Section: SE 1/4 of the SE 1/4 of the SE 1/4 of Section 7 *Topo map:* OOLITIC
Field located by: JCH *on:* Mon, Aug 01, 1966
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* 1250 *Ft E of WL:* 2700 *Ft S of NL:*
Ground elevation: 640.0 *Depth to bedrock:* *Bedrock elevation:* 615.0 *Aquifier elevation:*
UTM Easting: 537848.0 *UTM Northing:* 4303218.0

Well Log

Top	Bottom	Formation
0.0	25.0	CLAY
25.0	33.0	LIME
33.0	45.0	SOFT LIME
45.0	47.0	HARD LIME
47.0	53.0	SOFT LIME
53.0	100.0	MED. LIME

Comments MC 615:

Record of Water Well

182

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
220886	279-2161 BOB WAKEFIELD; INDIAN CREEK CAMP	Sat, May 26, 1951

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	BAPTIST CONVENTION	WELL #1, AVOC, IN	
Building Contractor			
Drilling Contractor	HOMER ALFORD	RR2 MITCHELL	
Equipment Operator		License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 125.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 37.0	*Material:*	*Diameter:* 5.62
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test — *Type of test:* — *Test rate:* gpm for hrs. — *BailTest rate:* 18.0 gpm for 0.5 hrs.
Drawdown: ft. — *Static water level:* 52.0 ft.

Grouting Information — *Material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Well Abandonment — *Sealing material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Administrative

County: LAWRENCE — *Township:* 5N *Range:* 1W
Section: NW 1/4 of the NW 1/4 of the SE 1/4 of Section 6 — *Topo map:* OOLITIC
Field located by: JRD — *on:* Mon, Aug 09, 1971
Courthouse location by: — *on:*
Location accepted w/o verification by: — *on:*
Subdivision name: — *Lot number:*
Ft W of EL: 2500 — *Ft N of SL:* 2400 — *Ft E of WL:* — *Ft S of NL:*
Ground elevation: 615.0 — *Depth to bedrock:* 37.0 — *Bedrock elevation:* 578.0 — *Aquifer elevation:*
UTM Easting: 537937.0 — *UTM Northing:* 4305181.0

Well Log

Top	Bottom	Formation
0.0	0.0	CLAY BOULDERS BROKEN LS
0.0	37.0	OVERBURDEN,CLAY,BLDRS,LS
37.0	125.0	LS

Comments MC578; 50' S OF WHITE TRAILER; TOTAL DRAWDOWN DURING TEST

183

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
220891	.5 MILE W. AVACO, HATCHERY ON AVOCA RD.	Fri, May 20, 1960

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	BARB KIRKMAN	OVACA, IN.	
Building Contractor			
Drilling Contractor	ELMER ALFORD	RRT. #, MITCHELL, IN.	
Equipment Operator		License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 98.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 43.0	*Material:*	*Diameter:* 6.25
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test — *Type of test:* — *Test rate:* gpm for hrs. — *BailTest rate:* 10.0 gpm for 0.5 hrs.
Drawdown: ft. — *Static water level:* 18.0 ft.

Grouting Information — *Material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Well Abandonment — *Sealing material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Administrative

County: LAWRENCE — *Township:* 5N *Range:* 1W
Section: SW 1/4 of the NE 1/4 of the NE 1/4 of Section 6 — *Topo map:* OOLITIC
Field located by: BARNES — *on:* Fri, Jul 01, 1960
Courthouse location by: — *on:*
Location accepted w/o verification by: — *on:*
Subdivision name: — *Lot number:*
Ft W of EL: 950 — *Ft N of SL:* — *Ft E of WL:* — *Ft S of NL:* 700
Ground elevation: 640.0 — *Depth to bedrock:* — *Bedrock elevation:* — *Aquifier elevation:*
UTM Easting: 538456.0 — *UTM Northing:* 4305893.0

Well Log

Top	Bottom	Formation
0.0	43.0	RED CLAY
43.0	98.0	LS GRAY

Comments MC:

184

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
220896	AVACA & EUREKA RD, 2 WEST, OOLITIC;	Fri, Jun 08, 1962

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	RAYMOND JONES	BEDFORD, IN.	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	RRT. 6, BOX 13, BEDFORD, IN.	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 100.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 67.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test *Type of test:* *Test rate:* gpm for hrs. *BailTest rate:* 2.0 gpm for hrs.
Drawdown: ft. *Static water level:* 75.0 ft.

Grouting Information *Material:* *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment *Sealing material:* *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W
Section: SE 1/4 of the SE 1/4 of the NW 1/4 of Section 6 *Topo map:* OOLITIC
Field located by: *on:*
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* *Ft E of WL:* 2250 *Ft S of NL:* 2600
Ground elevation: 645.0 *Depth to bedrock:* *Bedrock elevation:* *Aquifier elevation:* 630.0
UTM Easting: 537724.0 *UTM Northing:* 4305261.0

Well Log

Top	Bottom	Formation
0.0	16.0	DIRT
16.0	67.0	LS BOULDERS & MUD HOLES
67.0	74.0	BLUE LS-HARD
74.0	100.0	GRAY LS-SOFT

Comments MC 630:

185

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
220901	FROM PATTON HILL(W OF OOLITIC) GOING W APPROX .25 MI. SMALL FARM ON R.	Sat, Jul 25, 1964

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	OPAL WEBB	821 SMITH DR, OOLITIC	
Building Contractor			
Drilling Contractor	LOUIS O. SMITH	R#1, BEDFORD	
Equipment Operator	LOUIS O. SMITH	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 163.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 26.0	*Material:*	*Diameter:* 6.25
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test *Type of test:* *Test rate:* gpm for hrs. *BailTest rate:* 3.0 gpm for 2.0 hrs.
Drawdown: ft. *Static water level:* 90.0 ft.

Grouting Information *Material:* *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment *Sealing material:* *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W
Section: SW 1/4 of the NE 1/4 of the NW 1/4 of Section 5 *Topo map:* OOLITIC
Field located by: JCH *on:* Mon, Aug 01, 1966
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* *Ft E of WL:* 1900 *Ft S of NL:* 1200
Ground elevation: *Depth to bedrock:* *Bedrock elevation:* 640.0 *Aquifier elevation:*
UTM Easting: 539303.0 *UTM Northing:* 4305685.0

Well Log

Top	Bottom	Formation
0.0	22.0	CLAY
22.0	28.0	HARD LS
28.0	40.0	MD LIME
40.0	45.0	HARD LIME
45.0	63.0	SOFT LIME
63.0	95.0	MUD
95.0	105.0	BR LIME
105.0	115.0	GRAY
115.0	150.0	WH LS
150.0	163.0	HARD LIME

Comments MC 640

186

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
220906	PATTON HILL APP 1 MI W OF OOLITIC IN.	Tue, Jul 21, 1964

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	ELI TAYLOR JR & NELLIE TAYLOR	BEDFORD IN, RR2	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	BEDFORD IN, RR6	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 167.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 58.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test *Type of test:* *Test rate:* gpm for hrs. *BailTest rate:* 1.0 gpm for hrs.
Drawdown: ft. *Static water level:* 87.0 ft.

Grouting Information *Material:* *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment *Sealing material:* *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W
Section: NE 1/4 of the SW 1/4 of the NE 1/4 of Section 5 *Topo map:* OOLITIC
Field located by: JCH *on:* Mon, Aug 01, 1966
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: 1300 *Ft N of SL:* *Ft E of WL:* *Ft S of NL:* 1700
Ground elevation: 690.0 *Depth to bedrock:* *Bedrock elevation:* 650.0 *Aquifer elevation:*
UTM Easting: 539919.0 *UTM Northing:* 4305543.0

Well Log

Top	Bottom	Formation
0.0	41.0	DIRT
41.0	54.0	BLUE LS HARD
54.0	56.0	MUD HOLE
56.0	71.0	BLUE LS HARD
71.0	121.0	GRAY LS SOFT
121.0	154.0	WH LS SOFT
154.0	167.0	BLUE LS HARD

Comments MC 650:

187

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
220911	PATTON HILL, R PAST CAMP, KEEP R.	Sat, Apr 01, 1961

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	WM. STRUNK	R#2, BEDFORD	
Building Contractor			
Drilling Contractor	LOUIE O. SMITH	R#1, BEDFORD IN	
Equipment Operator	LOUIE O. SMITH	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:*	*Pump type:*
	Depth: 190.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 26.0	*Material:*	*Diameter:* 6.25
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 2.0 gpm for 1.0 hrs.
Drawdown: ft. *Static water level:* 92.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W
Section: NE 1/4 of the SE 1/4 of the NE 1/4 of Section 5 *Topo map:* OOLITIC
Field located by: JCH *on:* Mon, Aug 01, 1966
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* *Ft E of WL:* 2200 *Ft S of NL:* 1900
Ground elevation: 650.0 *Depth to bedrock:* *Bedrock elevation:* 625.0 *Aquifer elevation:*
UTM Easting: 539394.0 *UTM Northing:* 4305496.0

Well Log

Top	Bottom	Formation
0.0	24.0	CLAY
24.0	25.0	BLANK
25.0	50.0	LS
50.0	85.0	HARD LIME BLUE
85.0	90.0	GREY LIME
90.0	120.0	WH BUFF
120.0	135.0	MD LIME
135.0	155.0	SOFT GREY
155.0	190.0	HARD LIME

Comments MC 625;

188

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
220916	W OF OOLITIC 2 MI OVER PATTEN HILL ON N SIDE OF RD.	Sat, Jun 17, 1967

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	BYRON BAKER	BEDFORD R	
Building Contractor			
Drilling Contractor	ROY EALFORD	R2, MITCHELL	
Equipment Operator	ROY EALFORD	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 125.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 44.5	*Material:*	*Diameter:* 6.62
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 1.0 gpm for hrs.
Drawdown: ft. *Static water level:* 85.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W
Section: SW 1/4 of the NW 1/4 of the NW 1/4 of Section 5 *Topo map:* OOLITIC
Field located by: JRD *on:* Tue, Aug 08, 1978
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* *Ft E of WL:* 550 *Ft S of NL:* 1200
Ground elevation: 660.0 *Depth to bedrock:* 44.0 *Bedrock elevation:* 616.0 *Aquifier elevation:*
UTM Easting: 538913.0 *UTM Northing:* 4305710.0

Well Log

Top	Bottom	Formation
0.0	44.5	SOIL & CLAY
44.5	57.0	GRAY LIME
57.0	68.0	BR LIME
68.0	82.0	GRAY LIME
82.0	125.0	WH LIME

Comments MC 616; OWNER VERIFIED/50' NW OF HOUSE;

Record of Water Well

189

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217979	5MI E OF BEDFORD, ON THE LEATHERWOOD RD. & DIRECTLY S OF LEATHERWOOD CHURCH	Wed, Dec 02, 1959

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	H.E. WEAVER	R.R. 6 BEDFORD, INDIANA	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	BOX 13 R.R. 6 BEDFORD, INDIANA	
Equipment Operator	ERNIE UMPHRESS & SONS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:*	*Pump type:*
	Depth: 100.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 15.75	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test — *Type of test:* — *Test rate:* gpm for hrs. — *BailTest rate:* 5.0 gpm for 0.5 hrs.
Drawdown: ft. — *Static water level:* 40.0 ft.

Grouting Information — *Material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Well Abandonment — *Sealing material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Administrative

County: LAWRENCE — *Township:* 5N *Range:* 1E
Section: NE 1/4 of the NW 1/4 of the NE 1/4 of Section 22 — *Topo map:* BEDFORD EAST
Field located by: BARNES — *on:* Fri, Jul 01, 1960
Courthouse location by: — *on:*
Location accepted w/o verification by: — *on:*
Subdivision name: — *Lot number:*
Ft W of EL: 1700 — *Ft N of SL:* — *Ft E of WL:* — *Ft S of NL:* 100
Ground elevation: 700.0 — *Depth to bedrock:* 12.0 — *Bedrock elevation:* 688.0 — *Aquifier elevation:*
UTM Easting: 552845.0 — *UTM Northing:* 4301263.0

Well Log

Top	Bottom	Formation
0.0	12.0	DIRT FLINT ROCK
12.0	40.0	GRAY LS
40.0	90.0	BLUE LS HARD
90.0	100.0	BLUE SH

Comments MC690:

190

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217984	5MI E OF BEDFORD ON LEATHERWOOD RD, ABOUT .2MI E OF SHAWSWICK SCHOOL HOUSE	Fri, Nov 11, 1960

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	K. SNOW	R. 6	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	R.R. 6 BOX 13 BEDFORD IND	
Equipment Operator		License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 90.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 25.5	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test *Type of test:* *Test rate:* gpm for hrs. *BailTest rate:* 6.0 gpm for 1.0 hrs.
Drawdown: ft. *Static water level:* 45.0 ft.

Grouting Information *Material:* *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment *Sealing material:* *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1E
Section: NW 1/4 of the NW 1/4 of the NE 1/4 of Section 22 *Topo map:* BEDFORD EAST
Field located by: JUH *on:* Mon, Aug 01, 1966
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: 2300 *Ft N of SL:* *Ft E of WL:* *Ft S of NL:* 100
Ground elevation: 705.0 *Depth to bedrock:* 10.0 *Bedrock elevation:* 695.0 *Aquifier elevation:*
UTM Easting: 552646.0 *UTM Northing:* 4301267.0

Well Log

Top	Bottom	Formation
0.0	10.0	DIRT
10.0	20.0	LS BOULDERS HARD
20.0	60.0	WH LS HARD
60.0	75.0	BLUE LS HARD
75.0	90.0	BLUE SH SOFT

Comments MC695:Page 9605

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Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217989	3MI E. OF BEDFORD ON LEATHERWOOD RD, 1MI W SHAWSWICK SCHOOL	Mon, Aug 03, 1964

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	KEDRIC BOLTON	R. 6 BEDFORD, IND.	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	BEDFORD, IND. R.R. 6	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	*Use:* STOCK	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 200.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 12.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test: *Type of test:* | *Test rate:* gpm for hrs. | *BailTest rate:* 0.5 gpm for hrs.
Drawdown: ft. | *Static water level:* 95.0 ft.

Grouting Information: *Material:* | *Depth:* from to
Installation Method: | *Number of bags used:*

Well Abandonment: *Sealing material:* | *Depth:* from to
Installation Method: | *Number of bags used:*

Administrative

County: LAWRENCE | *Township:* 5N *Range:* 1E
Section: NW 1/4 of the NE 1/4 of the NW 1/4 of Section 21 | *Topo map:* BEDFORD EAST
Field located by: JCH | *on:* Mon, Aug 01, 1966
Courthouse location by: | *on:*
Location accepted w/o verification by: | *on:*
Subdivision name: | *Lot number:*
Ft W of EL: | *Ft N of SL:* | *Ft E of WL:* 1900 | *Ft S of NL:* 100
Ground elevation: 685.0 | *Depth to bedrock:* 5.0 | *Bedrock elevation:* 680.0 | *Aquifier elevation:*
UTM Easting: 550770.0 | *UTM Northing:* 4301287.0

Well Log

Top	Bottom	Formation
0.0	3.0	DIRT
3.0	9.0	BLUE LS HARD
9.0	23.0	GRAY LS SOFT
23.0	57.0	BLUE LS HARD
57.0	78.0	BLUE LS SOFT
78.0	110.0	WH LS HARD
110.0	200.0	BLUE SH SOFT

Comments: MC680;

192

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
218029	NEAR SW CORNER OF SW QUARTER OF NE QUARTER OF ABOVE LOCATION - 100' SOUTH FROM LEATHERWOOD CREEK	Mon, Nov 07, 1960

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	J. E. SPEER	ROUTE 6, BEDFORD IN	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	RR 6, BOX 13, BEDFORD IN	
Equipment Operator	ERNIE UMPHRESS & SONS	License:	

Construction Details

Well	*Use:* STOCK	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 100.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 10.58	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 0.05 gpm for 1.0 hrs.
Drawdown: ft. *Static water level:* 20.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1E
Section: SW 1/4 of the SW 1/4 of the NE 1/4 of Section 16 *Topo map:* BEDFORD EAST
Field located by: JVH *on:* Mon, Aug 01, 1966
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: 2400 *Ft N of SL:* 3100 *Ft E of WL:* *Ft S of NL:*
Ground elevation: 650.0 *Depth to bedrock:* 5.0 *Bedrock elevation:* 645.0 *Aquifer elevation:*
UTM Easting: *UTM Northing:*

Well Log

Top	Bottom	Formation
0.0	0.0	

Comments WELL 2 OF 2

MW6 193

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
218034	APP. 3MI E OF BEDFORD, IND. ON S LEATHERWOOD RD	Fri, Jun 26, 1964

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	J.E. SPEER	R. 6 BEDFORD, IND.	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	BEDFORD, IND. R.R. 6	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	***Use:*** HOME	***Drilling method:*** CABLE TOOL	***Pump type:***
	Depth: 200.0	***Pump setting depth:***	***Water quality:***
Casing	***Length:*** 5.5	***Material:***	***Diameter:*** 6.0
Screen	***Length:***	***Material:***	***Diameter: Slot size:***

Well Capacity Test ***Type of test:*** ***Test rate:*** gpm for hrs. ***BailTest rate:*** 0.33 gpm for hrs.
Drawdown: ft. ***Static water level:*** 88.0 ft.

Grouting Information ***Material:*** ***Depth:*** from to
Installation Method: ***Number of bags used:***

Well Abandonment ***Sealing material:*** ***Depth:*** from to
Installation Method: ***Number of bags used:***

Administrative

County: LAWRENCE ***Township:*** 5N ***Range:*** 1E
Section: SW 1/4 of the SW 1/4 of the NE 1/4 of Section 16 ***Topo map:*** BEDFORD EAST
Field located by: JCH ***on:*** Mon, Aug 01, 1966
Courthouse location by: ***on:***
Location accepted w/o verification by: ***on:***
Subdivision name: ***Lot number:***

Ft W of EL: 2400	***Ft N of SL:*** 3100	***Ft E of WL:***	***Ft S of NL:***
Ground elevation: 650.0	***Depth to bedrock:*** 5.0	***Bedrock elevation:*** 645.0	***Aquifer elevation:***
UTM Easting: 550999.0		***UTM Northing:*** 4302262.0	

Well Log

Top	Bottom	Formation
0.0	4.0	DIRT
4.0	29.0	GRAY LS HARD
24.0	60.0	GRAY LS SOFT
60.0	109.0	BLUE LS HARD
109.0	133.0	GRAY LS HARD
133.0	138.0	BLUE SH SOFT
138.0	150.0	WH LS HARD
150.0	156.0	BLUE LS SOFT
156.0	200.0	BLUE SH SOFT

Comments MC645: WELL 1 OF 2:

194

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
218039	NE ABOUT .25MI FROM SHAWSWICK SCHOOL IN REVEIN	Wed, Nov 28, 1962

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	CHARLES A SNOW	R F D #6	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	BEDFORD IND. R.R. 6	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	*Use:* STOCK	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 60.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 14.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 3.0 gpm for hrs.

Drawdown: ft. *Static water level:* 14.0 ft.

Grouting Information

Material: *Depth:* from to

Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to

Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1E

Section: NW 1/4 of the NE 1/4 of the SE 1/4 of Section 15 *Topo map:* BEDFORD EAST

Field located by: JUH *on:* Mon, Aug 01, 1966

Courthouse location by: *on:*

Location accepted w/o verification by: *on:*

Subdivision name: *Lot number:*

Ft W of EL: 900 *Ft N of SL:* 2300 *Ft E of WL:* *Ft S of NL:*

Ground elevation: 650.0 *Depth to bedrock:* *Bedrock elevation:* *Aquifer elevation:*

UTM Easting: 553068.0 *UTM Northing:* 4301992.0

Well Log

Top	Bottom	Formation
0.0	36.0	ORIGINAL WELL
36.0	60.0	BLUE SH

Comments MC: OLD WELL DRILLED DEEPER;

195

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
218044	E OF BEDFORD OFF SR 50 1MI AT SHAWSWICK SCHOOL	Tue, Aug 23, 1960

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	SHAWSWICK TOWNSHIP SCHOOL	R.R. #6 BEDFORD, IND.	
Building Contractor			
Drilling Contractor			
Equipment Operator		License:	

Construction Details

Well	*Use:* PUBLIC SUPPLY	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 200.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 8.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 2.5 gpm for 2.0 hrs.
Drawdown: 140.0 ft. *Static water level:* 60.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1E
Section: SE 1/4 of the SE 1/4 of the SW 1/4 of Section 15 *Topo map:* BEDFORD EAST
Field located by: S&H *on:* Thu, Nov 03, 1960
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* 25 *Ft E of WL:* 2550 *Ft S of NL:*
Ground elevation: 720.0 *Depth to bedrock:* 5.0 *Bedrock elevation:* 715.0 *Aquifier elevation:*
UTM Easting: 552534.0 *UTM Northing:* 4301313.0

Well Log

Top	Bottom	Formation
0.0	5.0	DIRT
5.0	70.0	BLUE LS HARD
70.0	200.0	BLUE SH

Comments MC715 OFFIC CHEM; IRON 0.2PPM, HARDNESS 335PPM , PH 8.0, CHLORIDE12PPM;

196

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
218049	E OF BEDFORD 1MI S OF US RD 50 AT SHAWSWICK SCHOOL	Sat, Aug 20, 1960

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	SHAWSWICK TOWNSHIP	R.R. 6 BEDFORD, IND.	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	BEDFORD IND. R.R. 6 BOX 13	
Equipment Operator	ERNIE UMPHRESS & SONS	License:	

Construction Details

Well	*Use:* PUBLIC SUPPLY	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 150.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:*	*Material:*	*Diameter:*
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test — *Type of test:* — *Test rate:* gpm for hrs. — *BailTest rate:* gpm for hrs.
Drawdown: ft. — *Static water level:* ft.

Grouting Information — *Material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Well Abandonment — *Sealing material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Administrative

County: LAWRENCE — *Township:* 5N *Range:* 1E
Section: SE 1/4 of the SE 1/4 of the SW 1/4 of Section 15 — *Topo map:* BEDFORD EAST
Field located by: S&H — *on:* Thu, Nov 03, 1960
Courthouse location by: — *on:*
Location accepted w/o verification by: — *on:*
Subdivision name: — *Lot number:*
Ft W of EL: — *Ft N of SL:* 100 — *Ft E of WL:* 2400 — *Ft S of NL:*
Ground elevation: 730.0 — *Depth to bedrock:* 6.0 — *Bedrock elevation:* 724.0 — *Aquifer elevation:*
UTM Easting: 552486.0 — *UTM Northing:* 4301334.0

Well Log

Top	Bottom	Formation
0.0	6.0	DIRT
6.0	80.0	BLUE LS HARD
80.0	150.0	BLUE SH SOFT

Comments — FC ONLY; DRY WELL;

Record of Water Well

197

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217369	SHAWSWICK STATION ERIE RD	Thu, Oct 08, 1959

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	ROLAPH BECHNER	R. 3 BEDFORD IND.	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	R.R. 6 BOX 13 BEDFORD IND	
Equipment Operator	ERNIE UMPHRESS & SONS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 275.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 15.75	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test *Type of test:* *Test rate:* gpm for hrs. *BailTest rate:* 0.08 gpm for 1.0 hrs.
Drawdown: ft. *Static water level:* 117.0 ft.

Grouting Information *Material:* *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment *Sealing material:* *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1E
Section: SE 1/4 of the NW 1/4 of the SE 1/4 of Section 9 *Topo map:* BARTLETTSVILLE
Field located by: J&H *on:* Thu, Nov 03, 1960
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: 2000 *Ft N of SL:* 1900 *Ft E of WL:* *Ft S of NL:*
Ground elevation: 725.0 *Depth to bedrock:* 8.0 *Bedrock elevation:* 717.0 *Aquifer elevation:*
UTM Easting: 551113.0 *UTM Northing:* 4303501.0

Well Log

Top	Bottom	Formation
0.0	8.0	DIRT
8.0	21.0	GRAY LS SOFT
21.0	70.0	WH LS SOFT
70.0	90.0	WH LS HARD
90.0	95.0	BLUE LS SOFT
95.0	110.0	WH LS SOFT
110.0	145.0	BLUE LS SOFT
145.0	275.0	BLUE SH SOFT

Comments MC:

198

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217374	1/4 MI N OF US HIGHWAY 50, 4 MILE EAST OF BEDFORD IN ON SHAWSWICK STATION AND ERIE ROAD	Mon, Sep 19, 1960

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	ALDOLPH BECKNER		
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	RR 6, BEDFORD IN	
Equipment Operator	ERNIE UMPHRESS & SONS	License:	

Construction Details

Well	***Use:***	***Drilling method:*** CABLE TOOL	***Pump type:***
	Depth: 125.0	***Pump setting depth:***	***Water quality:***
Casing	***Length:***	***Material:***	***Diameter:***
Screen	***Length:***	***Material:***	***Diameter: Slot size:***

Well Capacity Test ***Type of test:*** ***Test rate:*** gpm for hrs. ***BailTest rate:*** gpm for hrs.
Drawdown: ft. ***Static water level:*** ft.

Grouting Information ***Material:*** ***Depth:*** from to
Installation Method: ***Number of bags used:***

Well Abandonment ***Sealing material:*** ***Depth:*** from to
Installation Method: ***Number of bags used:***

Administrative

County: LAWRENCE ***Township:*** 5N ***Range:*** 1E
Section: SE 1/4 of the NW 1/4 of the SE 1/4 of Section 9 ***Topo map:*** BARTLETTSVILLE
Field located by: H & S ***on:*** Thu, Nov 03, 1960
Courthouse location by: ***on:***
Location accepted w/o verification by: ***on:***
Subdivision name: ***Lot number:***
Ft W of EL: 2000 ***Ft N of SL:*** 1400 ***Ft E of WL:*** ***Ft S of NL:***
Ground elevation: 725.0 ***Depth to bedrock:*** 8.0 ***Bedrock elevation:*** 717.0 ***Aquifier elevation:***
UTM Easting: ***UTM Northing:***

Well Log

Top	Bottom	Formation
0.0	8.0	DIRT
8.0	21.0	GRAY LIMESTONE SOFT
21.0	70.0	WHITE LIMESTONE SOFT
70.0	90.0	WHITE LIMESTONE HARD
90.0	95.0	BLUE LIMESTONE SOFT
95.0	110.0	WHITE LIMESTONE SOFT
110.0	125.0	BLUE LIMESTONE SOFT

Comments DRY HOLE

Record of Water Well

199

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217379	APPR. 3MI E OF BEDFORD, IND. ON SR 50 N/SIDE OF HIGHWAY	Thu, Jul 22, 1965

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	JAMES HEWITT	BEDFORD, IND. R.R. 6	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	BEDFORD, IND. R.R. 6	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 85.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 18.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test *Type of test:* *Test rate:* gpm for hrs. *BailTest rate:* 10.0 gpm for hrs.
Drawdown: ft. *Static water level:* 30.0 ft.

Grouting Information *Material:* *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment *Sealing material:* *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1E
Section: SW 1/4 of the SW 1/4 of the SW 1/4 of Section 9 *Topo map:* BARTLETTSVILLE
Field located by: JCH *on:* Mon, Aug 01, 1966
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* 100 *Ft E of WL:* 300 *Ft S of NL:*
Ground elevation: 645.0 *Depth to bedrock:* 15.0 *Bedrock elevation:* 630.0 *Aquifier elevation:*
UTM Easting: 550222.0 *UTM Northing:* 4302962.0

Well Log

Top	Bottom	Formation
0.0	14.0	DIRT
14.0	43.0	BLUE LS HARD
43.0	55.0	GRAY LS HARD
55.0	78.0	BLUE LS HARD
78.0	85.0	WH LS HARD

Comments MC630;

200

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
336984	GO TO OTIS PARK, TURN FIRST R HANG TO RT THEN YOU COME AROUND A STEEP CURVE W/DRIVEWAY CLOST HANG R DOWN LANE	Sat, Dec 19, 1998

	Name	*Address*	*Telephone*
Owner-Contractor Well Owner	DON L. TAYLOR	RR18 BOX 205, BEDFORD, IN 47421	(812)279-5190
Building Contractor			
Drilling Contractor	PHILLIPS WELL DRLNG & PUMP SVC	RR12 BOX 444, BEDFORD, IN 47421	(812)279-4843
Equipment Operator	KEVIN MATHIES	License: 1679	

Construction Details

Well	*Use:* HOME	*Drilling method:* ROTARY	*Pump type:*
	Depth: 160.0	*Pump setting depth:*	*Water quality:* CLEAR
Casing	*Length:* 25.0	*Material:* PVC	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: BAILING *Test rate:* 7.0 gpm for hrs. *BailTest rate:* gpm for hrs.
Drawdown: ft. *Static water level:* ft.

Grouting Information

Material: BENONITE *Depth:* from 0.0 to 42.0
Installation Method: AIR *Number of bags used:* 4.0

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1E
Section: 1/4 of the NE 1/4 of the SW 1/4 of Section 10 *Topo map:* BARTLETTSVILLE
Field located by: *on:*
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* *Ft E of WL:* *Ft S of NL:*
Ground elevation: *Depth to bedrock:* *Bedrock elevation:* *Aquifer elevation:*
UTM Easting: *UTM Northing:*

Well Log

Top	Bottom	Formation
0.0	20.0	CLAY
20.0	22.0	BRKN SS
22.0	30.0	LS
30.0	42.0	GRAY SANDY LS
42.0	47.0	HD SANDY SH
47.0	49.0	LS
49.0	53.0	SHALEY LS
53.0	56.0	LS
56.0	59.0	SHALEY LS
59.0	67.0	LS
67.0	70.0	SHALEY LS
70.0	76.0	LS
76.0	85.0	HD SHALEY LS

85.0	89.0	SANDY SH
89.0	120.0	LS WATER
120.0	160.0	SHALEY LS

Comments SEE MAP

Record of Water Well

201

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217479	STATE ROAD #58 APP. 600YARDS E OF MILWAKIE RR	Fri, May 06, 1960

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	FRANK E. TODD	R.R. 3 BEDFORD IND	
Building Contractor			
Drilling Contractor			
Equipment Operator		License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 175.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 21.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 0.1 gpm for 1.0 hrs.
Drawdown: ft. *Static water level:* 63.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1E
Section: NE 1/4 of the NW 1/4 of the SE 1/4 of Section 4 *Topo map:* BARTLETTSVILLE
Field located by: BARNES *on:* Mon, Aug 01, 1960
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: 1500 *Ft N of SL:* 2300 *Ft E of WL:* *Ft S of NL:*
Ground elevation: 670.0 *Depth to bedrock:* 17.0 *Bedrock elevation:* 653.0 *Aquifer elevation:*
UTM Easting: 551224.0 *UTM Northing:* 4305186.0

Well Log

Top	Bottom	Formation
0.0	17.0	DIRT
17.0	40.0	BLUE LS HARD
40.0	175.0	BLUE SH SOFT

Comments MC 655; LOC. ACCEPTED W/O VERIF.,NO;

Record of Water Well

202

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217484	WELL IS APPR. 5MI E OF BEDFORD CITY LIMITS; OFF SR 58 TURN N ONTO RD 350E&PROCEED APP. .75MI;WELL IS APP.90'OFF RD 350E ON W/SIDE	Sat, Mar 01, 1969

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	J.D.PEXTON&C.M. PEXTON	R. 1, HELTONVILLE, IND 47436	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	R 6, BEFORD INDIANA 47421	
Equipment Operator	CHARLES EMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 200.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:*	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test — *Type of test:* — *Test rate:* gpm for hrs. — *BailTest rate:* 0.13 gpm for 1.0 hrs.
Drawdown: ft. — *Static water level:* 80.0 ft.

Grouting Information — *Material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Well Abandonment — *Sealing material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Administrative

County: LAWRENCE — *Township:* 5N *Range:* 1E
Section: 1/4 of the 1/4 of the 1/4 of Section 4 — *Topo map:* BARTLETTSVILLE
Field located by: — *on:*
Courthouse location by: — *on:*
Location accepted w/o verification by: — *on:*
Subdivision name: — *Lot number:*
Ft W of EL: — *Ft N of SL:* — *Ft E of WL:* — *Ft S of NL:*
Ground elevation: — *Depth to bedrock:* — *Bedrock elevation:* — *Aquifier elevation:*
UTM Easting: — *UTM Northing:*

Well Log

Top	Bottom	Formation
0.0	28.0	DIRT
28.0	200.0	BLUE SH SOFT

Comments APPROX LOCATION:

203

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217489	N OF SR #58 .25MI SW OF HELTONVILLE 4MI OR 5.5MI NE OF BEDFORD IND	Thu, Feb 16, 1961

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	PAUL S. NEAL	R.R. #3 BEDFORD	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS	LEATHER WOOD RD, BEDFORD R.R. 6 BOX 13	
Equipment Operator		License:	

Construction Details

Well	*Use:* STOCK	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 165.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:*	*Material:*	*Diameter:*
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* gpm for hrs.

Drawdown: ft. *Static water level:* ft.

Grouting Information

Material: *Depth:* from to

Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to

Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1E

Section: NW 1/4 of the SW 1/4 of the NW 1/4 of Section 3 *Topo map:* BARTLETTSVILLE

Field located by: UHL *on:* Tue, Jun 01, 1965

Courthouse location by: *on:*

Location accepted w/o verification by: *on:*

Subdivision name: *Lot number:*

Ft W of EL: *Ft N of SL:* *Ft E of WL:* 500 *Ft S of NL:* 1400

Ground elevation: 700.0 *Depth to bedrock:* 21.0 *Bedrock elevation:* 679.0 *Aquifier elevation:*

UTM Easting: 551799.0 *UTM Northing:* 4305631.0

Well Log

Top	Bottom	Formation
0.0	21.0	DIRT
21.0	25.0	BLUE LS HARD
25.0	165.0	BLUE SH SOFT

Comments DRY HOLE, PLUGGED; MC680;

Record of Water Well

204

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
221461	E VINEGAR HILL RD 6MI FROM BEDFORD INDIANA 250S ? USE;	Fri, May 02, 1969

	Name	*Address*	*Telephone*
Owner-Contractor			
Well Owner	HAROLD GUTHRIE	R.R. 6 BEDFORD, IND	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	BEDFORD IND R.R. 6	
Equipment Operator		License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 220.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:*	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 0.17 gpm for 1.0 hrs.
Drawdown: ft. *Static water level:* 110.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1E
Section: SE 1/4 of the SE 1/4 of the NW 1/4 of Section 33 *Topo map:* BEDFORD EAST
Field located by: DW *on:* Thu, Aug 13, 1970
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* *Ft E of WL:* 2300 *Ft S of NL:* 2500
Ground elevation: 660.0 *Depth to bedrock:* 28.0 *Bedrock elevation:* 632.0 *Aquifier elevation:*
UTM Easting: 550958.0 *UTM Northing:* 4297342.0

Well Log

Top	Bottom	Formation
0.0	28.0	DIRT
28.0	105.0	LS HARD
105.0	220.0	BLUE SH SOFT

Comments MC630; VERIFIED BY NEIGHBOR , MC;

205

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
221471	4MI SE OF BEDFORD ON TUNNELTON RD	Wed, Feb 17, 1965

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	HERB KINDER	R.R. 5 BEDFORD IND.	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	BEDFORD IND. R.R. 6	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 89.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 44.75	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 5.0 gpm for hrs.

Drawdown: ft. *Static water level:* 59.0 ft.

Grouting Information

Material: *Depth:* from to

Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to

Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1E

Section: SE 1/4 of the SW 1/4 of the NW 1/4 of Section 32 *Topo map:* BEDFORD EAST

Field located by: JCH *on:* Mon, Aug 01, 1966

Courthouse location by: *on:*

Location accepted w/o verification by: *on:*

Subdivision name: *Lot number:*

Ft W of EL: *Ft N of SL:* *Ft E of WL:* 700 *Ft S of NL:* 2000

Ground elevation: 730.0 *Depth to bedrock:* 40.0 *Bedrock elevation:* 690.0 *Aquifier elevation:*

UTM Easting: 548870.0 *UTM Northing:* 4297488.0

Well Log

Top	Bottom	Formation
0.0	28.0	DIRT
28.0	41.0	BOULDERS & MUD HOLES
41.0	63.0	BLUE LS HARD
63.0	89.0	GRAY LS HARD

Comments MC690:

206

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
221476	APPR. 4MI SE OF BEDFORD IND. ON VINEGAR HILL RD	Tue, Feb 18, 1964

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	RAY E. WOODWARD	PO BOX 472 BEDFORD IND.	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	BEDFORD, IND. R.R. 6	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 200.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 25.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test — *Type of test:* — *Test rate:* gpm for hrs. — *BailTest rate:* 1.0 gpm for hrs.
Drawdown: ft. — *Static water level:* 55.0 ft.

Grouting Information — *Material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Well Abandonment — *Sealing material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Administrative

County: LAWRENCE — *Township:* 5N *Range:* 1E
Section: SE 1/4 of the SW 1/4 of the NW 1/4 of Section 32 — *Topo map:* BEDFORD EAST
Field located by: JUH — *on:* Mon, Aug 01, 1966
Courthouse location by: — *on:*
Location accepted w/o verification by: — *on:*
Subdivision name: — *Lot number:*
Ft W of EL: — *Ft N of SL:* — *Ft E of WL:* 800 — *Ft S of NL:* 2200
Ground elevation: 725.0 — *Depth to bedrock:* 20.0 — *Bedrock elevation:* 705.0 — *Aquifer elevation:*
UTM Easting: 548905.0 — *UTM Northing:* 4297430.0

Well Log

Top	Bottom	Formation
0.0	19.0	DIRT
19.0	74.0	BLUE LS HARD
74.0	127.0	GRAY LS HARD
127.0	183.0	BLUE LS HARD
183.0	200.0	BLUE SH SOFT

Comments MC705;

207

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
221481	APPR. 3MI SE OF BEDFORD, IND. ON TUNNELTON RD, NW CORNER OF TUNNELTON RD, & VINEGAR HILL RD	Thu, Aug 19, 1965

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	EUGENE SPAULDING	SPRINGVILLE, IND. R.R. 1	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	BEDFORD, IND. R.R. 6	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 136.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 59.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test — *Type of test:* — *Test rate:* gpm for hrs. — *BailTest rate:* 5.0 gpm for hrs.
Drawdown: ft. — *Static water level:* 90.0 ft.

Grouting Information — *Material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Well Abandonment — *Sealing material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Administrative

County: LAWRENCE — *Township:* 5N *Range:* 1E
Section: SE 1/4 of the SW 1/4 of the NW 1/4 of Section 32 — *Topo map:* BEDFORD EAST
Field located by: JCH — *on:* Mon, Aug 01, 1966
Courthouse location by: — *on:*
Location accepted w/o verification by: — *on:*
Subdivision name: — *Lot number:*
Ft W of EL: — *Ft N of SL:* — *Ft E of WL:* 900 — *Ft S of NL:* 2500
Ground elevation: 700.0 — *Depth to bedrock:* 55.0 — *Bedrock elevation:* 645.0 — *Aquifier elevation:*
UTM Easting: 548919.0 — *UTM Northing:* 4297323.0

Well Log

Top	Bottom	Formation
0.0	15.0	DIRT
15.0	54.0	BOULDERS & MUD HOLES
54.0	69.0	GRAY LS HARD
69.0	90.0	BLUE LS SOFT
90.0	116.0	GRAY LS HARD
116.0	136.0	WH LS SOFT

Comments MC645;

Record of Water Well

208

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
221486	4MI OUT ON THE L SIDE OF TUNNERTOWN RD ON L SIDE	Thu, Sep 15, 1960

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	STEPHEN E. JONES	ROUTE 5 BEDFORD IND.	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	R.R. 6 BEDFORD IND	
Equipment Operator	ERNIE UMPHRESS & SONS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 225.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 34.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 0.05 gpm for 1.0 hrs.
Drawdown: ft. *Static water level:* ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1E
Section: SW 1/4 of the SE 1/4 of the SW 1/4 of Section 32 *Topo map:* BEDFORD EAST
Field located by: S& H *on:* Fri, Nov 04, 1960
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* 100 *Ft E of WL:* 1500 *Ft S of NL:*
Ground elevation: 670.0 *Depth to bedrock:* 20.0 *Bedrock elevation:* 650.0 *Aquifier elevation:*
UTM Easting: 549116.0 *UTM Northing:* 4296531.0

Well Log

Top	Bottom	Formation
0.0	20.0	DIRT
20.0	30.0	LS BOULDERS HARD
30.0	70.0	BR LS SOFT
70.0	79.0	BLUE LS HARD
79.0	85.0	BLUE SH SOFT
85.0	110.0	BLUE LS HARD
110.0	127.0	WH LS HARD
127.0	156.0	BLUE LS HARD
156.0	168.0	WH LS HARD
168.0	190.0	BLUE LS SOFT
190.0	225.0	BLUE SH SOFT

Comments

MC650; FE-4.0PPM HARDNESS 300PPM PH 8.0 CHLOUDE 15PPM; APPROXLOCATION; LOC. ACCEPTED W/O VERIFI. YES;

209

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
221491	1ST. CROSS RD S OF VIRGIL GRISSIOM AIRPORT, TURN W , APPR. .5MI N/SIDE OF RD VINEGAR HILL RD	Fri, Aug 12, 1966

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	CHARLES E. MAICK	BEDFORD IND. R.R. 5	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	BEDFORD IND. R.R. 6	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 113.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 29.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test *Type of test:* *Test rate:* gpm for hrs. *BailTest rate:* 0.5 gpm for hrs.
Drawdown: ft. *Static water level:* 50.0 ft.

Grouting Information *Material:* *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment *Sealing material:* *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1E
Section: SW 1/4 of the SW 1/4 of the NE 1/4 of Section 31 *Topo map:* BEDFORD EAST
Field located by: PW *on:* Mon, Aug 16, 1971
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: 2000 *Ft N of SL:* *Ft E of WL:* *Ft S of NL:* 2500
Ground elevation: 670.0 *Depth to bedrock:* 24.0 *Bedrock elevation:* 646.0 *Aquifer elevation:*
UTM Easting: 548068.0 *UTM Northing:* 4297330.0

Well Log

Top	Bottom	Formation
0.0	24.0	DIRT
24.0	43.0	BLUE LS HARD
43.0	77.0	WH LS HARD
77.0	98.0	GRAY LS HARD
98.0	113.0	SH LS SOFT

Comments MC645; VERIFIED BY OWNER, MC;

210

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
221496	APPR. 3MI S OF BEDFORD IND. IN S I STREET TO VINEGAR HILL RD, APPR. 1MI	Wed, Mar 30, 1966

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	GLENN EDWARDS	R.R. 5 BEDFORD	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	BEDFORD, IND. R.R. 6	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 150.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 24.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test *Type of test:* *Test rate:* gpm for hrs. *BailTest rate:* 0.07 gpm for hrs.
Drawdown: ft. *Static water level:* 110.0 ft.

Grouting Information *Material:* *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment *Sealing material:* *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1E
Section: SE 1/4 of the SE 1/4 of the NW 1/4 of Section 31 *Topo map:* BEDFORD EAST
Field located by: JUH *on:* Mon, Aug 01, 1966
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: 3200 *Ft N of SL:* *Ft E of WL:* *Ft S of NL:* 2500
Ground elevation: 680.0 *Depth to bedrock:* 20.0 *Bedrock elevation:* 660.0 *Aquifier elevation:*
UTM Easting: 547687.0 *UTM Northing:* 4297344.0

Well Log

Top	Bottom	Formation
0.0	16.0	DIRT
16.0	19.0	LS BOULDERS
19.0	28.0	BLUE LS BOULDERS HARD
28.0	45.0	GRAY LS BOULDERS SOFT
45.0	79.0	WH LS BOULDERSSOFT
79.0	93.0	BLUE LS BOULDERS HARD
93.0	126.0	WH LS BOULDERS HARD
126.0	150.0	GRAY LS BOULDERS HARD

Comments MC660;

211

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
221501	S AND SLIGHTLY E FROM BEDFORD ON VINEGAR HILL RD	Sat, Mar 13, 1965

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	WALTER CRAWFORD	R.R. 5 BEDFORD IND	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	R.R. 6 BEDFORD, IND	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 200.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 26.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test — *Type of test:* — *Test rate:* gpm for hrs. — *BailTest rate:* 0.13 gpm for hrs.
Drawdown: ft. — *Static water level:* 107.0 ft.

Grouting Information — *Material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Well Abandonment — *Sealing material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Administrative

County: LAWRENCE — *Township:* 5N *Range:* 1E
Section: NW 1/4 of the NE 1/4 of the SW 1/4 of Section 31 — *Topo map:* BEDFORD EAST
Field located by: JCH — *on:* Mon, Aug 01, 1966
Courthouse location by: — *on:*
Location accepted w/o verification by: — *on:*
Subdivision name: — *Lot number:*
Ft W of EL: — *Ft N of SL:* 2300 — *Ft E of WL:* 2700 — *Ft S of NL:*
Ground elevation: 680.0 — *Depth to bedrock:* 20.0 — *Bedrock elevation:* 660.0 — *Aquifier elevation:*
UTM Easting: 547582.0 — *UTM Northing:* 4297214.0

Well Log

Top	Bottom	Formation
0.0	20.0	DIRT
20.0	26.0	GRAY LS HARD
26.0	54.0	BLUE LS SOFT
54.0	71.0	BR LS SOFT
71.0	94.0	BLUE LS HARD
94.0	100.0	BLUE SH SOFT
100.0	112.0	WH LS HARD
112.0	175.0	BLUE LS HARD
175.0	200.0	BLUE SH SOFT

Comments MC660:

Record of Water Well

212

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
221506	80' IN FROM N COUNTY LINE 80' FROM E BOUNDRY JUST S OF COUNTY HOUSE & A LITTLE W	Thu, Nov 05, 1959

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	HAROLD LESLIE MOORE	R.R. #5 BEDFORD IND	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	LEATHERWOOD RD BEDFORD, IND. R.R. 6 BOX 13	
Equipment Operator	ERNIE UMPHRESS & SONS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 95.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 21.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 4.0 gpm for 1.0 hrs.
Drawdown: ft. *Static water level:* 22.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1E
Section: NW 1/4 of the NW 1/4 of the NE 1/4 of Section 31 *Topo map:* BEDFORD EAST
Field located by: BARNES *on:* Fri, Jul 01, 1960
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: 2450 *Ft N of SL:* *Ft E of WL:* *Ft S of NL:* 50
Ground elevation: 700.0 *Depth to bedrock:* 16.0 *Bedrock elevation:* 684.0 *Aquifer elevation:*
UTM Easting: 547904.0 *UTM Northing:* 4298083.0

Well Log

Top	Bottom	Formation
0.0	16.0	DIRT
16.0	60.0	BLUE LS HARD
60.0	75.0	GRAY LS SOFT
75.0	95.0	WH LS HARD

Comments MC680; OWNER NOT HOME; LOC. ACCEPTED W/O VERIF. YES:

Record of Water Well

213

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
221511	FROM BEDFORD GO E TO TUNNELTON RD., PASS BROOK KNOLL TURN W, 1ST RD TO R, TO GO POOR FARM RD., TURN R, 3RD HOUSE ON L, 1/4 MI W OF OLD POOR FARM	Fri, Aug 21, 1959

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	WARREN & SUE RAINEY	R 5, BEDFORD	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	RR 6, BOX 13, BEDFORD IN	
Equipment Operator	BUCYRUS-ERIC	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 108.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 28.5	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 0.06 gpm for 1.0 hrs.
Drawdown: ft. *Static water level:* 38.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1E
Section: NE 1/4 of the NE 1/4 of the NW 1/4 of Section 31 *Topo map:* BEDFORD EAST
Field located by: BARNES *on:* Fri, Jul 01, 1960
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: 3250 *Ft N of SL:* *Ft E of WL:* *Ft S of NL:* 50
Ground elevation: 700.0 *Depth to bedrock:* 25.0 *Bedrock elevation:* 675.0 *Aquifer elevation:*
UTM Easting: 547627.0 *UTM Northing:* 4298094.0

Well Log

Top	Bottom	Formation
0.0	0.0	BLANK

Comments MC675; OWNER NOT HOME

214

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
221516	4MI SE OF BEDFORD ON VINEGAR HILL RD	Sat, Mar 24, 1962

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	JAMES W. EDWARDS	R.R. 5 BEDFORD IND	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	BEDFORD IND. R.R. 6	
Equipment Operator	ERNIE UMPHRESS & SONS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 200.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 21.5	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 0.18 gpm for hrs.
Drawdown: ft. *Static water level:* 100.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1E
Section: SE 1/4 of the SE 1/4 of the NW 1/4 of Section 31 *Topo map:* BEDFORD EAST
Field located by: JUH *on:* Mon, Aug 01, 1966
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: 3300 *Ft N of SL:* *Ft E of WL:* *Ft S of NL:* 2500
Ground elevation: 680.0 *Depth to bedrock:* 20.0 *Bedrock elevation:* 660.0 *Aquifier elevation:*
UTM Easting: 547653.0 *UTM Northing:* 4297345.0

Well Log

Top	Bottom	Formation
0.0	18.0	DIRT
18.0	44.0	BLUE LS HARD
44.0	63.0	BR LS SOFT
63.0	75.0	WH LS HARD
75.0	91.0	BLUE LS HARD
91.0	134.0	GRAY LS HARD
134.0	165.0	BLUE LS HARD
165.0	200.0	BLUE SH SOFT

Comments MC660:

215

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
221521	APPR. 3 BLOCKS W OF POOR FARM ON POOR FARM RD, S/SIDE OF RD	Thu, Jun 02, 1966

	Name	*Address*	*Telephone*
Owner-Contractor Well Owner	DAVID L. TIDD	BEDFORD IND. R.R. 5	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	BEDFORD IND. R.R. 6	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 103.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 32.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 1.3 gpm for hrs.
Drawdown: ft. *Static water level:* 40.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1E
Section: NE 1/4 of the NE 1/4 of the NW 1/4 of Section 31 *Topo map:* BEDFORD EAST
Field located by: DW *on:* Mon, Aug 16, 1971
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* *Ft E of WL:* 3050 *Ft S of NL:* 50
Ground elevation: 695.0 *Depth to bedrock:* 26.0 *Bedrock elevation:* 669.0 *Aquifier elevation:*
UTM Easting: 547684.0 *UTM Northing:* 4298095.0

Well Log

Top	Bottom	Formation
0.0	24.0	DIRT
24.0	26.0	BOULDERS
26.0	47.0	GRAY LS HARD
47.0	72.0	BLUE LS HARD
72.0	94.0	WH LS HARD
94.0	103.0	GRAY LS HARD

Comments

MC 675; MC;

Record of Water Well

216

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
221526	.5MI W OF OLD VINEGAR HILL SCHOOL VINEGAR HILL SCHOOL IS LOCATED ABOUT 4MI SE OF BEDFORD ON THE TUNNELTON RD. PAST AIR PORT CROSSROADS	Mon, May 16, 1960

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	FAY JOHNSON	R.R. #5 BEDFORD	
Building Contractor			
Drilling Contractor	WINFRED PHILLIPS	R.R. #5 BEDFORD IND.	
Equipment Operator	WINFRED PHILLIPS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 85.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 18.0	*Material:*	*Diameter:* 5.63
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test — *Type of test:* — *Test rate:* gpm for hrs. — *BailTest rate:* 2.0 gpm for 1.0 hrs.
Drawdown: ft. — *Static water level:* 9.0 ft.

Grouting Information — *Material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Well Abandonment — *Sealing material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Administrative

County: LAWRENCE — *Township:* 5N *Range:* 1E
Section: SE 1/4 of the SW 1/4 of the NE 1/4 of Section 31 — *Topo map:* BEDFORD EAST
Field located by: BARNES — *on:* Fri, Jul 01, 1960
Courthouse location by: — *on:*
Location accepted w/o verification by: — *on:*
Subdivision name: — *Lot number:*
Ft W of EL: 1300 — *Ft N of SL:* 50 — *Ft E of WL:* — *Ft S of NL:*
Ground elevation: 670.0 — *Depth to bedrock:* 12.0 — *Bedrock elevation:* 658.0 — *Aquifier elevation:*
UTM Easting: 548254.0 — *UTM Northing:* 4297327.0

Well Log

Top	Bottom	Formation
0.0	12.0	CLAY
12.0	15.0	LIME
15.0	16.0	MUD SEAM
16.0	35.0	BLUE LIME
35.0	65.0	BR LIME
65.0	85.0	BLUE LIME

Comments — MC655; LOC. ACCEPTED W/O VERIF. YES;

Record of Water Well

217

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217965	NEAR INTERSECTOIN OF POOR FARM & TUNNELTON ROADS, APPROX. 100 FT. SOUTH OF POOR FARM RD AND 70 FT WEST OF TENNELTON ROAD	Thu, Dec 07, 1961

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	ALBERT E. WHITNER	RR 5, BEDFORD IN	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	RR 6, BOX 13, BEDFORD IN	
Equipment Operator	ERNIE UMPHRESS & SONS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 250.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:*	*Material:*	*Diameter:*
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 0.05 gpm for hrs.
Drawdown: ft. *Static water level:* 150.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1E
Section: SE 1/4 of the SW 1/4 of the SW 1/4 of Section 29 *Topo map:* BEDFORD EAST
Field located by: JVH *on:* Mon, Aug 01, 1966
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* 600 *Ft E of WL:* 1200 *Ft S of NL:*
Ground elevation: 735.0 *Depth to bedrock:* *Bedrock elevation:* *Aquifier elevation:*
UTM Easting: *UTM Northing:*

Well Log

Top	Bottom	Formation
0.0	0.0	BLANK

Comments WELL DEEPENED

Record of Water Well

218

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217970	NEAR INTERSECTION OF POOR FARM & TUNTILTON RD	Thu, Dec 07, 1961

	Name	*Address*	*Telephone*
Owner-Contractor			
Well Owner	ALBERT E. WHITNER	R.R. 5 BEDFORD IND.	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	R.R. 6 BEDFORD IND.	
Equipment Operator	ERNIE UMPHRESS & SONS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 144.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:*	*Material:*	*Diameter:*
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* gpm for hrs.

Drawdown: ft. *Static water level:* ft.

Grouting Information

Material: *Depth:* from to

Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to

Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1E

Section: SE 1/4 of the SW 1/4 of the SW 1/4 of Section 29 *Topo map:* BEDFORD EAST

Field located by: JCH *on:* Mon, Aug 01, 1966

Courthouse location by: *on:*

Location accepted w/o verification by: *on:*

Subdivision name: *Lot number:*

Ft W of EL: *Ft N of SL:* 600 *Ft E of WL:* 1200 *Ft S of NL:*

Ground elevation: 735.0 *Depth to bedrock:* 25.0 *Bedrock elevation:* 710.0 *Aquifer elevation:*

UTM Easting: 548999.0 *UTM Northing:* 4298280.0

Well Log

Top	Bottom	Formation
0.0	25.0	DIRT
25.0	65.0	BLUE LS HARD
65.0	102.0	BR LS SOFT
102.0	144.0	SH LS HARD

Comments

MC710; NO GOOD. DRY HOLEPage 9604

Record of Water Well

219

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217975	1ST ROAD NORTH GOOSETOWN SCHOOL 1/4 MILE NORTH PINHOOK ROAD	Tue, Oct 11, 1960

	Name	*Address*	*Telephone*
Owner-Contractor Well Owner	GEORGE BARNETT	R 5, BEDFORD IN	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	RR 6, BOX 13, BEDFORD IN	
Equipment Operator	ERNIE UMPHRESS & SONS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 150.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 5.75	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 0.13 gpm for 1.0 hrs.
Drawdown: ft. *Static water level:* 50.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1E
Section: NW 1/4 of the NW 1/4 of the NW 1/4 of Section 29 *Topo map:* BEDFORD EAST
Field located by: S&H *on:* Thu, Nov 03, 1960
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: 25 *Ft N of SL:* 200 *Ft E of WL:* *Ft S of NL:*
Ground elevation: 650.0 *Depth to bedrock:* 4.0 *Bedrock elevation:* 646.0 *Aquifier elevation:*
UTM Easting: 550171.0 *UTM Northing:* 4299669.0

Well Log

Top	Bottom	Formation
0.0	0.0	BLANK

Comments

MC645; OFFICE CHEM: FE - .5 PPM; HARDNESS - 410 PPM; PH - 7.5; CHLORIDE -11 PPM

220

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217980	ON TUNTELTON & BEDFORD RD ACROSS FROM BEDFORD AIR PORT	Fri, Nov 04, 1960

	Name	*Address*	*Telephone*
Owner-Contractor			
Well Owner	ERNEST G.-BARBARA S. SPEER	BEDFORD IND.	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	R.R. 6 BOX 13 BEDFORD	
Equipment Operator	ERNIE UMPHRESS & SONS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 130.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 31.3	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 1.0 gpm for 1.0 hrs.
Drawdown: ft. *Static water level:* 85.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1E
Section: NW 1/4 of the SE 1/4 of the SW 1/4 of Section 29 *Topo map:* BEDFORD EAST
Field located by: JUH *on:* Mon, Aug 01, 1966
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* 1200 *Ft E of WL:* 1400 *Ft S of NL:*
Ground elevation: 725.0 *Depth to bedrock:* 20.0 *Bedrock elevation:* 705.0 *Aquifier elevation:*
UTM Easting: 549048.0 *UTM Northing:* 4298491.0

Well Log

Top	Bottom	Formation
0.0	20.0	DIRT
20.0	28.0	LS BOULDERS
28.0	100.0	WH LS HARD
100.0	130.0	GRAY LS SOFT

Comments MC705:

221

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217985	ON AIRPORT & POOR FARM RD	Sat, Apr 23, 1960

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	CARL CASIDY	R.R. 5 BEDFORD IND	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	R.R. 6 BOX 13 BEDFORD IND	
Equipment Operator	ERNIE UMPHRESS & SONS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 121.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 23.58	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 0.67 gpm for 1.0 hrs.
Drawdown: ft. *Static water level:* 43.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1E
Section: NW 1/4 of the SW 1/4 of the SW 1/4 of Section 29 *Topo map:* BEDFORD EAST
Field located by: BARNES *on:* Fri, Jul 01, 1960
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* 700 *Ft E of WL:* 300 *Ft S of NL:*
Ground elevation: 725.0 *Depth to bedrock:* 30.0 *Bedrock elevation:* 695.0 *Aquifier elevation:*
UTM Easting: 548709.0 *UTM Northing:* 4298332.0

Well Log

Top	Bottom	Formation
0.0	30.0	DIRT
30.0	50.0	WH LS
50.0	90.0	GRAY LS
90.0	121.0	WH LS

Comments MC700; LOC. ACCEPTED W/O VERIF. NO; HARD WATER;

222

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217990	3MI SE OF BEDFORD IND. ON POOR FARM RD	Thu, Mar 29, 1962

	Name	*Address*	*Telephone*
Owner-Contractor			
Well Owner	LEONARD PAREY	R.R. 5 BEDFORD IND.	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	R.R. 6 BEDFORD IND	
Equipment Operator		License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 100.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 31.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 2.0 gpm for hrs.
Drawdown: ft. *Static water level:* 50.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1E
Section: NE 1/4 of the SW 1/4 of the SW 1/4 of Section 29 *Topo map:* BEDFORD EAST
Field located by: JUH *on:* Mon, Aug 01, 1966
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* 700 *Ft E of WL:* 700 *Ft S of NL:*
Ground elevation: 730.0 *Depth to bedrock:* 25.0 *Bedrock elevation:* 705.0 *Aquifier elevation:*
UTM Easting: 548848.0 *UTM Northing:* 4298334.0

Well Log

Top	Bottom	Formation
0.0	26.0	DIRT
26.0	36.0	WH LS HARD
36.0	44.0	BLUE LS HARD
44.0	75.0	BR LS SOFT
75.0	100.0	BLUE LS HARD

Comments MC705;

223

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217995	WELL DRILLED ON PEER FARM RD JUST S OF BEDFORD AIR PORT	Sat, Jul 11, 1959

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	GEORGE HICHISON	R.R. 5 BEDFORD IND	
Building Contractor			
Drilling Contractor	WINFRED PHILLIPS	R.R. 5, BEDFORD, IND.	
Equipment Operator	WINFRED PHILLIPS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 110.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 27.0	*Material:*	*Diameter:* 5.63
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 0.58 gpm for 1.0 hrs.
Drawdown: ft. *Static water level:* 30.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1E
Section: NW 1/4 of the SW 1/4 of the SW 1/4 of Section 29 *Topo map:* BEDFORD EAST
Field located by: BARNES *on:* Fri, Jul 01, 1960
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* 700 *Ft E of WL:* 450 *Ft S of NL:*
Ground elevation: 730.0 *Depth to bedrock:* 21.0 *Bedrock elevation:* 709.0 *Aquifier elevation:*
UTM Easting: 548778.0 *UTM Northing:* 4298328.0

Well Log

Top	Bottom	Formation
0.0	21.0	RED CLAY
21.0	27.0	BOULDERS
27.0	44.0	HARD WH LIME
44.0	95.0	SOFT BR LIME
95.0	110.0	VERY HARD BLUE LIME

Comments

MC710; HIT WATER BETWEEN 64 & 65'; LOC. ACCEPTED W/O VERIF. YES;

224

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
218000	ON TUNNELTON & BEDFORD RD APPR. 4MI FROM BEDFORD IND ACROSS RD FROM AIR PORT	Thu, Apr 27, 1961

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	HOMER GRUFF JR.	2120 2ST BEDFORD IND.	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	R.R 6 BOX 13 BEDFORD IND	
Equipment Operator	ERNIE UMPHRESS & SONS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 180.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 32.17	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test *Type of test:* *Test rate:* gpm for hrs. *BailTest rate:* 28.0 gpm for 1.0 hrs.
Drawdown: ft. *Static water level:* 75.0 ft.

Grouting Information *Material:* *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment *Sealing material:* *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1E
Section: NW 1/4 of the NE 1/4 of the SW 1/4 of Section 29 *Topo map:* BEDFORD EAST
Field located by: JCH *on:* Mon, Aug 01, 1966
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* 2100 *Ft E of WL:* 1800 *Ft S of NL:*
Ground elevation: 730.0 *Depth to bedrock:* 30.0 *Bedrock elevation:* 700.0 *Aquifier elevation:*
UTM Easting: 549156.0 *UTM Northing:* 4298766.0

Well Log

Top	Bottom	Formation
0.0	28.0	DIRT
28.0	30.0	BLUE LS BOULDERS
30.0	100.0	WH LS HARD
100.0	130.0	GRAY LS SOFT
130.0	180.0	WH LS AVERAGE

Comments MC700:

225

Record of Water Well

Indiana Department of Natural Resources

Reference Number	***Driving directions to well***		***Date completed***
218005	APP 3 MI SE OF BEDFORD, ON TUNNELTON ROAD, ACROSS FROM VIRGIL GIRISSIOM AIR PORT		Thu, Sep 08, 1966

	Name	***Address***	***Telephone***
Owner-Contractor			
Well Owner	SLFRED & ORA COLLINS	BEDFORD, IND RR6	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS&SONS	RR6 BOX 13 BEDFORD, IND	
Equipment Operator	EUGENE&CHARLES UMPHRESS	License:	

Construction Details

Well	***Use:*** STOCK	***Drilling method:*** CABLE TOOL	***Pump type:***
	Depth: 110.0	***Pump setting depth:***	***Water quality:***
Casing	***Length:*** 46.0	***Material:***	***Diameter:*** 6.0
Screen	***Length:***	***Material:***	***Diameter: Slot size:***

Well Capacity Test — ***Type of test:*** ***Test rate:*** gpm for hrs. ***BailTest rate:*** 0.8 gpm for hrs.
Drawdown: ft. ***Static water level:*** 40.0 ft.

Grouting Information — ***Material:*** ***Depth:*** from to
Installation Method: ***Number of bags used:***

Well Abandonment — ***Sealing material:*** ***Depth:*** from to
Installation Method: ***Number of bags used:***

Administrative

County: LAWRENCE ***Township:*** 5N ***Range:*** 1E
Section: NW 1/4 of the NE 1/4 of the SW 1/4 of Section 29 ***Topo map:*** BEDFORD EAST
Field located by: DCS ***on:***
Courthouse location by: ***on:***
Location accepted w/o verification by: ***on:***
Subdivision name: ***Lot number:***
Ft W of EL: ***Ft N of SL:*** 2200 ***Ft E of WL:*** 1900 ***Ft S of NL:***
Ground elevation: 730.0 ***Depth to bedrock:*** 42.0 ***Bedrock elevation:*** 688.0 ***Aquifier elevation:***
UTM Easting: 549197.0 ***UTM Northing:*** 4298784.0

Well Log

Top	Bottom	Formation
0.0	42.0	DIRT
42.0	53.0	BLUE LS HARD
53.0	91.0	GRAY LS SILT
91.0	110.0	WHITE LS HARD

Comments mc 690; verified by owner; mc

226

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
218010	APPR. 1.5MI SE OF BEDFORD, IND. CORNER OF TUNNELTURN & PINHOOK RD	Mon, Dec 14, 1964

	Name	*Address*	*Telephone*
Owner-Contractor Well Owner	CHARLES R. BOTTS	R.R. 6 BEDFORD, IND.	
Building Contractor			
Drilling Contractor	ERNIE UMPRESS & SONS	BEDFORD, IND. R.R. 6	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 140.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 3.5	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 0.33 gpm for hrs.
Drawdown: ft. *Static water level:* 20.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1E
Section: NW 1/4 of the NW 1/4 of the NW 1/4 of Section 29 *Topo map:* BEDFORD EAST
Field located by: JUH *on:* Mon, Aug 01, 1966
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* *Ft E of WL:* 400 *Ft S of NL:* 100
Ground elevation: 630.0 *Depth to bedrock:* 5.0 *Bedrock elevation:* 625.0 *Aquifer elevation:*
UTM Easting: 578704.0 *UTM Northing:* 4299671.0

Well Log

Top	Bottom	Formation
0.0	5.0	DIRT
5.0	26.0	WH LS SOFT
26.0	51.0	BLUE LS HARD
51.0	56.0	BLUE SH SOFT
56.0	92.0	WH LS HARD
92.0	140.0	BLUE SH SOFT

Comments MC625:

227

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
218015	1MI OFF TUNNELTON RD ON PINHOOK RD	Tue, Jul 07, 1964

	Name	*Address*	*Telephone*
Owner-Contractor			
Well Owner	DONALD NORDHOFF	BEDFORD IND. 616 TST.	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	BEDFORD, IND. R.R. 6	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 107.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 6.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 0.25 gpm for hrs.
Drawdown: ft. *Static water level:* 20.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1E
Section: SW 1/4 of the NW 1/4 of the NW 1/4 of Section 28 *Topo map:* BEDFORD EAST
Field located by: JUH *on:* Mon, Aug 01, 1966
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* *Ft E of WL:* 600 *Ft S of NL:* 1000
Ground elevation: 660.0 *Depth to bedrock:* 5.0 *Bedrock elevation:* 655.0 *Aquifer elevation:*
UTM Easting: *UTM Northing:*

Well Log

Top	Bottom	Formation
0.0	2.0	DIRT
2.0	33.0	GRAY LS HARD
33.0	59.0	BLUE LS HARD
59.0	65.0	BLUE LS SOFT
65.0	101.0	BLUE LS HARD
101.0	107.0	BLUE SH SOFT

Comments

Record of Water Well

228

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
218020	3MI SE ON TUNNELTON RD ; FROM BEDFORD IND. & ACROSS RD TROM AIRPORT A LITTLE TO THE N	Thu, Apr 14, 1960

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	GIRL SCOUT ASSN. LAW. CO	1415 1/2 W 15TH ST.	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	LEATHERWOOD RD, BEDFORD, INDIANA R.R. 6 BOX 13	
Equipment Operator	ERNIE UMPHRESS & SONS	License:	

Construction Details

Well	*Use:* PUBLIC SUPPLY	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 205.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 47.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 2.0 gpm for 1.0 hrs.
Drawdown: ft. *Static water level:* 43.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1E
Section: SE 1/4 of the SE 1/4 of the NW 1/4 of Section 29 *Topo map:* BEDFORD EAST
Field located by: BARNES *on:* Fri, Jul 01, 1960
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: 2800 *Ft N of SL:* 2900 *Ft E of WL:* *Ft S of NL:*
Ground elevation: 730.0 *Depth to bedrock:* 30.0 *Bedrock elevation:* 700.0 *Aquifier elevation:*
UTM Easting: 549353.0 *UTM Northing:* 4299026.0

Well Log

Top	Bottom	Formation
0.0	30.0	DIRT
30.0	42.0	DIRT & HARD LS BOULDERS
42.0	60.0	WH LS HARD
60.0	75.0	BR LS SOFT
75.0	150.0	BLUE LS HARD
150.0	190.0	WH LS EXTRA HARD
190.0	205.0	BLUE LS HARD

Comments MC730;

229

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
218025	4 MILES EAST OF BEDFORD ON PINHOOK ROAD, BRIDGE CROSSING SAND CREEK AT START, LEFT SIDE OF ROAD	Tue, Aug 27, 1963

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	DONALD AND LEE NORDHOFF	#10 MURRAY COURT	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	RR 6, BOX 13, BEDFORD IN	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 200.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 5.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 0.1 gpm for hrs.
Drawdown: ft. *Static water level:* 110.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1E
Section: SW 1/4 of the NW 1/4 of the NW 1/4 of Section 28 *Topo map:* BEDFORD EAST
Field located by: JVH *on:* Mon, Aug 01, 1966
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* *Ft E of WL:* 600 *Ft S of NL:* 1000
Ground elevation: 660.0 *Depth to bedrock:* *Bedrock elevation:* *Aquifier elevation:*
UTM Easting: *UTM Northing:*

Well Log

Top	Bottom	Formation
0.0	0.0	BLANK

Comments

230

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
218030	1MI E OFF TUNNELTON RD ON PINHOOK RD	Thu, Sep 24, 1964

	Name	*Address*	*Telephone*
Owner-Contractor Well Owner	DONALD NORDHOFF	BEDFORD, IND. 616 TST	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	BEDFORD, IND. R.R. 6	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 200.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 12.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test — *Type of test:* — *Test rate:* gpm for hrs. — *BailTest rate:* 0.2 gpm for hrs.
Drawdown: ft. — *Static water level:* 114.0 ft.

Grouting Information — *Material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Well Abandonment — *Sealing material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Administrative

County: LAWRENCE — *Township:* 5N *Range:* 1E
Section: SW 1/4 of the NW 1/4 of the NW 1/4 of Section 28 — *Topo map:* BEDFORD EAST
Field located by: JCH — *on:* Mon, Aug 01, 1966
Courthouse location by: — *on:*
Location accepted w/o verification by: — *on:*
Subdivision name: — *Lot number:*
Ft W of EL: — *Ft N of SL:* — *Ft E of WL:* 600 — *Ft S of NL:* 1000
Ground elevation: 660.0 — *Depth to bedrock:* — *Bedrock elevation:* — *Aquifier elevation:*
UTM Easting: — *UTM Northing:*

Well Log

Top	Bottom	Formation
0.0	4.0	DIRT
4.0	28.0	GRAY LS HARD
28.0	53.0	BLUE LS HARD
53.0	60.0	BLUE LS SOFT
60.0	108.0	BLUE LS HARD
108.0	200.0	BLUE SH SOFT

Comments

231

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
218035	APPR. 3MI E OF BEDFORD, IND. APPR. 0.125MI N OF OLD SOOSE TOWN SCHOOL	Wed, Apr 07, 1965

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	DONALD NORDHOFF	BEDFORD, IND. R.R.	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	BEDFORD IND. R.R. 6	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 200.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 7.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 0.27 gpm for hrs.
Drawdown: ft. *Static water level:* 92.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1E
Section: SW 1/4 of the NW 1/4 of the NW 1/4 of Section 28 *Topo map:* BEDFORD EAST
Field located by: JNH *on:* Mon, Aug 01, 1966
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* *Ft E of WL:* 600 *Ft S of NL:* 1000
Ground elevation: 660.0 *Depth to bedrock:* 4.0 *Bedrock elevation:* 656.0 *Aquifer elevation:*
UTM Easting: 550378.0 *UTM Northing:* 4299403.0

Well Log

Top	Bottom	Formation
0.0	4.0	DIRT
4.0	28.0	GRAY LS HARD
28.0	53.0	BLUE LS HARD
53.0	60.0	BLUE LS SOFT
60.0	116.0	BLUE LS HARD
116.0	200.0	BLUE SH SOFT

Comments MC655;

232

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
218040	APPR. 4MI SE OF BEDFORD, IND. ON PINHOOK RD	Fri, Oct 16, 1964

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	HAZEL L. GILSLEEP	BEDFORD, IND. R.R. 5	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	BEDFORD, IND. R.R. 6	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	*Use:* STOCK	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 100.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:*	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 1.0 gpm for hrs.

Drawdown: ft. *Static water level:* 20.0 ft.

Grouting Information

Material: *Depth:* from to

Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to

Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1E

Section: NW 1/4 of the NE 1/4 of the SE 1/4 of Section 28 *Topo map:* BEDFORD EAST

Field located by: JCH *on:* Mon, Aug 01, 1966

Courthouse location by: *on:*

Location accepted w/o verification by: *on:*

Subdivision name: *Lot number:*

Ft W of EL: 700 *Ft N of SL:* 2600 *Ft E of WL:* *Ft S of NL:*

Ground elevation: 635.0 *Depth to bedrock:* 15.0 *Bedrock elevation:* 620.0 *Aquifier elevation:*

UTM Easting: 551635.0 *UTM Northing:* 4298887.0

Well Log

Top	Bottom	Formation
0.0	17.0	DIRT
17.0	100.0	BLUE SH SOFT

Comments MC620;

233

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
218045	1.5MI OFF THE BEDFORD , TUNNELTON RD ON THE GOOSE TOWN RD	Tue, May 23, 1961

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	CAM ANDERSON	R.R. 5, BEDFORD	
Building Contractor			
Drilling Contractor	WINFRED PHILLIPS	R.R. 5 BEDFORD	
Equipment Operator	WINFRED PHILLIPS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 210.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 7.0	*Material:*	*Diameter:* 5.63
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 0.09 gpm for 1.0 hrs.
Drawdown: ft. *Static water level:* 65.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1E
Section: NE 1/4 of the SE 1/4 of the NW 1/4 of Section 28 *Topo map:* BEDFORD EAST
Field located by: JCH *on:*
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* *Ft E of WL:* 2600 *Ft S of NL:* 1500
Ground elevation: 610.0 *Depth to bedrock:* 5.0 *Bedrock elevation:* 605.0 *Aquifer elevation:*
UTM Easting: 550986.0 *UTM Northing:* 4299255.0

Well Log

Top	Bottom	Formation
0.0	6.0	CLAY
6.0	58.0	LS
58.0	210.0	BLUE SH

Comments MC605;

234

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
218050	APP. .5MI S OF GOOSE TOWN SCHOOL ON PINHOOK RD	Sat, Jun 14, 1969

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	BOB MEDOWS	BEDFORD, R5	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	R. 6 BEDFORD, IND.	
Equipment Operator		License:	

Construction Details

Well	*Use:* HOME	*Drilling method:*	*Pump type:*
	Depth: 219.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:*	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* gpm for hrs.

Drawdown: ft. *Static water level:* ft.

Grouting Information

Material: *Depth:* from to

Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to

Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1E

Section: NE 1/4 of the NW 1/4 of the SW 1/4 of Section 28 *Topo map:* BEDFORD EAST

Field located by: PW *on:* Fri, Aug 13, 1971

Courthouse location by: *on:*

Location accepted w/o verification by: *on:*

Subdivision name: *Lot number:*

Ft W of EL: *Ft N of SL:* 2300 *Ft E of WL:* 1300 *Ft S of NL:*

Ground elevation: 700.0 *Depth to bedrock:* 15.0 *Bedrock elevation:* 685.0 *Aquifer elevation:*

UTM Easting: 550611.0 *UTM Northing:* 4298819.0

Well Log

Top	Bottom	Formation
0.0	15.0	DIRT
15.0	30.0	BROKEN STONE
30.0	60.0	BLUE LS SOFT
60.0	85.0	BLUE LS HARD
85.0	120.0	WH LS HARD
120.0	145.0	BLUE LS HARD
145.0	219.0	BLUE SH SOFT

Comments MC685; DRY HOLE. VERIFIED BY OWNER. MC;

Record of Water Well

235

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
221541	JUST S OF POOR FARM RD & ABOUT .5MI OF TUNTELTON RD TO W #2	Sat, Dec 05, 1959

	Name	*Address*	*Telephone*
Owner-Contractor			
Well Owner	HIRKMAN & PARLEY	R.R. 6 BEDFORD IND.	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	R.R. 6 BOX 18 BEDFORD IND	
Equipment Operator	ERNIE UMPHRESS & SONS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 125.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 38.83	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 2.5 gpm for 1.0 hrs.
Drawdown: ft. *Static water level:* 57.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1E
Section: SW 1/4 of the SW 1/4 of the SW 1/4 of Section 29 *Topo map:* BEDFORD EAST
Field located by: BARNES *on:* Fri, Jul 01, 1960
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* 550 *Ft E of WL:* 300 *Ft S of NL:*
Ground elevation: 730.0 *Depth to bedrock:* 33.0 *Bedrock elevation:* 697.0 *Aquifier elevation:*
UTM Easting: 548732.0 *UTM Northing:* 4298267.0

Well Log

Top	Bottom	Formation
0.0	33.0	DIRT
33.0	52.0	BLUE LS HARD
52.0	70.0	GRAY LS SOFT
70.0	125.0	WH LS HARD

Comments MC700: INFOR FROM NEIGHBOR; LOC ACCEPTED W/O VERIF. YES;

Record of Water Well

2360

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
221546	JUST S OF POOR FARM RD AND ABOUT .5MI OF TUNTELTON RD TO W	Tue, Dec 08, 1959

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	HIRKMAN & PARLEY	R.R. 6 BEDFORD IND	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	R.R. 6 BEDFORD, IND.	
Equipment Operator	ERNIE UMPHRESS & SONS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 106.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 35.3	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test *Type of test:* *Test rate:* gpm for hrs. *BailTest rate:* 0.3 gpm for 1.0 hrs.
Drawdown: ft. *Static water level:* 56.0 ft.

Grouting Information *Material:* *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment *Sealing material:* *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1E
Section: SW 1/4 of the SW 1/4 of the SW 1/4 of Section 29 *Topo map:* BEDFORD EAST
Field located by: BARNES *on:* Fri, Jul 01, 1960
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* 550 *Ft E of WL:* 500 *Ft S of NL:*
Ground elevation: 730.0 *Depth to bedrock:* 32.0 *Bedrock elevation:* 698.0 *Aquifier elevation:*
UTM Easting: 548779.0 *UTM Northing:* 4298269.0

Well Log

Top	Bottom	Formation
0.0	32.0	DIRT
32.0	50.0	BLUE LS HARD
50.0	70.0	GRAY LS SOFT
70.0	106.0	WH LS HARD

Comments MC700; VERIFIED BY NEIGHBOR; LOC. ACCEPTED W/O VERIF. YES;

237

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
221551	APPR. 200' S OF POOR FARM RD OR 3MI SE BEDFORD IND	Wed, Nov 11, 1959

	Name	*Address*	*Telephone*
Owner-Contractor			
Well Owner	JACK CUMMINS	R.R. 6 BEDFORD	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	R.R. 6 BOX 13 BEDFORD IND.	
Equipment Operator	ERNIE UMPHRESS & SONS	License:	

Construction Details

Well	*Use:*	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 100.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 23.75	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 0.2 gpm for 1.0 hrs.
Drawdown: ft. *Static water level:* 30.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1E
Section: SW 1/4 of the SW 1/4 of the SW 1/4 of Section 29 *Topo map:* BEDFORD EAST
Field located by: BARNES *on:* Fri, Jul 01, 1960
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* 500 *Ft E of WL:* 100 *Ft S of NL:*
Ground elevation: 720.0 *Depth to bedrock:* 22.0 *Bedrock elevation:* 698.0 *Aquifier elevation:*
UTM Easting: 548643.0 *UTM Northing:* 4298267.0

Well Log

Top	Bottom	Formation
0.0	22.0	DIRT
23.0	43.0	BLUE LS HARD
43.0	77.0	GRAY LS SOFT
77.0	100.0	BLUE LS EXTRA HARD

Comments MC700 LOC. ACCEPTED W/O VERIF. YES;

238

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
221556	ABOUT 3MI S OF BEDFORD OFF TUNTILTON RD ABOUT .5MI W ON POOR FARM RD	Wed, May 25, 1966

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	JAMES ROOT	R.R. 6 BEDFORD IND	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	R.R. 6 BOX 13 BEDFORD IND	
Equipment Operator	ERNIE UMPHRESS & SONS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 100.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:*	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test — *Type of test:* — *Test rate:* gpm for hrs. — *BailTest rate:* 3.0 gpm for 1.0 hrs.
Drawdown: ft. — *Static water level:* 45.0 ft.

Grouting Information — *Material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Well Abandonment — *Sealing material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Administrative

County: LAWRENCE — *Township:* 5N *Range:* 1E
Section: NW 1/4 of the SW 1/4 of the SW 1/4 of Section 29 — *Topo map:* BEDFORD EAST
Field located by: JCH — *on:* Mon, Aug 01, 1966
Courthouse location by: — *on:*
Location accepted w/o verification by: — *on:*
Subdivision name: — *Lot number:*
Ft W of EL: — *Ft N of SL:* 700 — *Ft E of WL:* 100 — *Ft S of NL:*
Ground elevation: 720.0 — *Depth to bedrock:* 20.0 — *Bedrock elevation:* 700.0 — *Aquifier elevation:*
UTM Easting: 548639.0 — *UTM Northing:* 4298335.0

Well Log

Top	Bottom	Formation
0.0	20.0	DIRT
20.0	30.0	BLUE LS BOULDERS
30.0	40.0	BLUE LS
40.0	75.0	BR LS
75.0	100.0	WH LS

Comments MC700;

Record of Water Well

139

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217262	FROM FAYETTEVILLE GO E TO 1ST RD N GO APPROX 3 MI TO 1ST SEEP HILL 2ND HSE ON HILL	Fri, Apr 15, 1960

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	ED STEELE	2307 WASH AVE, BEDFORD	
Building Contractor			
Drilling Contractor	LOUIE A SMITH	R1, BEDFORD	
Equipment Operator	LOUIE A SMITH	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 150.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:*	*Material:*	*Diameter:*
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 8.0 gpm for 2.0 hrs.
Drawdown: ft. *Static water level:* ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 6N *Range:* 2W
Section: NW 1/4 of the NE 1/4 of the SW 1/4 of Section 36 *Topo map:* OOLITIC
Field located by: S&H *on:* Tue, Nov 01, 1960
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* 2500 *Ft E of WL:* 1000 *Ft S of NL:*
Ground elevation: 765.0 *Depth to bedrock:* *Bedrock elevation:* *Aquifier elevation:*
UTM Easting: 535841.0 *UTM Northing:* 4306708.0

Well Log

Top	Bottom	Formation
0.0	9.0	CLAY
9.0	30.0	BR LIME
30.0	100.0	WHITE LIME
100.0	125.0	HARD LIME
125.0	150.0	SOME SOFTER LIME

Comments MC

240

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217267	IN 3 MILES OF FAYETTEVILLE 2 MILES OF SPRINGVILLE, BETWEEN ST HIGHWAY 450 AND ST HIGHWAY 54 ON REUTER LANE	Fri, Sep 25, 1964

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	EDGAR W & ALURA A STEELE	2307 WASHINGTON AVE., BEDFORD, INDIANA	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	RR 6, BEDFORD, IND.	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 95.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:*	*Material:*	*Diameter:*
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* gpm for hrs.
Drawdown: ft. *Static water level:* ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 6N *Range:* 2W
Section: SW 1/4 of the NE 1/4 of the SW 1/4 of Section 36 *Topo map:* OOLITIC
Field located by: JVH *on:* Mon, Aug 01, 1966
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* 1800 *Ft E of WL:* 1400 *Ft S of NL:*
Ground elevation: 725.0 *Depth to bedrock:* *Bedrock elevation:* *Aquifier elevation:*
UTM Easting: 535854.0 *UTM Northing:* 4306610.0

Well Log

Top	Bottom	Formation
0.0	4.0	DIRT
4.0	9.0	BLUE LS HARD
9.0	15.0	GRAY LS HARD
15.0	16.0	BROKEN LS SOFT
16.0	52.0	GRAY LS HARD
52.0	70.0	WHITE LS HARD
70.0	73.0	BROKEN LS SOFT
73.0	79.0	BLUE LS HARD
79.0	82.0	BROKEN LS SOFT
82.0	89.0	WHITE LS HARD
89.0	95.0	BROKEN LS & MUD SOFT

Comments MC: DRY HOLE;

241

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217272	SPRINGVILLE, INDIANA	Sat, Mar 21, 1964

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	CONSTANCE LACKY	R 2, SPRINGVILLE	
Building Contractor			
Drilling Contractor	EADS AND DECKARD	R 9, BLOOMINGTON, IND.	
Equipment Operator	ERNEST D. EADS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 130.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 2.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test *Type of test:* *Test rate:* gpm for hrs. *BailTest rate:* 10.0 gpm for 1.0 hrs.
Drawdown: ft. *Static water level:* 93.0 ft.

Grouting Information *Material:* *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment *Sealing material:* *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 6N *Range:* 2W
Section: SW 1/4 of the NE 1/4 of the SW 1/4 of Section 36 *Topo map:* OOLITIC
Field located by: JRS *on:* Tue, Aug 08, 1978
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* 1850 *Ft E of WL:* 1450 *Ft S of NL:*
Ground elevation: 730.0 *Depth to bedrock:* 4.0 *Bedrock elevation:* 726.0 *Aquifer elevation:*
UTM Easting: 535848.0 *UTM Northing:* 4306616.0

Well Log

Top	Bottom	Formation
0.0	4.1	CLAY
4.1	105.0	HARD LIMESTONE
105.0	130.0	SLAPSTONE

Comments MC 726; MC; OWNER VERIFIED/ 10 FT. NW OF HOUSE;

Record of Water Well

242

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217241	LOCATED AT NEEDMORE INDIANA AP. 2 BLOCKS DUE S OF SCHOOL HOUSE	Thu, Jul 14, 1960

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	GAROLD TURNER	RR 2 BEDFORD IND.	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	RR 6 BOX 13 BEDFORD IND.	
Equipment Operator	ERNIE UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 166.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 56.5	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 1.0 gpm for 1.0 hrs.
Drawdown: ft. *Static water level:* 80.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 6N *Range:* 1W
Section: SE 1/4 of the SW 1/4 of the NW 1/4 of Section 28 *Topo map:* OOLITIC
Field located by: S&H *on:* Tue, Nov 01, 1960
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* *Ft E of WL:* 1100 *Ft S of NL:* 3000
Ground elevation: 700.0 *Depth to bedrock:* *Bedrock elevation:* *Aquifier elevation:*
UTM Easting: 540648.0 *UTM Northing:* 4308606.0

Well Log

Top	Bottom	Formation
0.0	20.0	DIRT
20.0	53.0	SHALIE LS & MUD
53.0	70.0	BLUE LS HARD
70.0	166.0	WH LS SOFT

Comments MC680

Record of Water Well

243

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217246	2 BLOCKS E OF US HWY 37 NEEDMORE, IN	Wed, May 04, 1960

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	HENRY GOODMAN	RR3, BEDFORD, IN	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	BEDFORD, IN	
Equipment Operator	ERNIE UMPHRESS & SONS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 140.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 37.5	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test — *Type of test:* — *Test rate:* gpm for hrs. — *BailTest rate:* 0.5 gpm for 1.0 hrs.
Drawdown: ft. — *Static water level:* 70.0 ft.

Grouting Information — *Material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Well Abandonment — *Sealing material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Administrative

County: LAWRENCE — *Township:* 6N *Range:* 1W
Section: SE 1/4 of the SE 1/4 of the NW 1/4 of Section 28 — *Topo map:* OOLITIC
Field located by: BARNES — *on:* Fri, Jul 01, 1960
Courthouse location by: — *on:*
Location accepted w/o verification by: — *on:*
Subdivision name: — *Lot number:*
Ft W of EL: 3100 — *Ft N of SL:* 2800 — *Ft E of WL:* — *Ft S of NL:*
Ground elevation: 680.0 — *Depth to bedrock:* — *Bedrock elevation:* — *Aquifer elevation:*
UTM Easting: 540941.0 — *UTM Northing:* 4308545.0

Well Log

Top	Bottom	Formation
0.0	12.0	DIRT
12.0	15.0	LS BOULDERS
15.0	34.0	BLUE LS & MUD HOLES
34.0	50.0	BLUE LS HARD
50.0	75.0	WHTIE LS SOFT
75.0	80.0	BLUE LS HARD
80.0	140.0	WHITE LS SOFT

Comments MC

244

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217251	WELL WAS DRILLED DEEPER WELL IS LOCATED IN NEEDMORE	Wed, Jul 15, 1959

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	FRED DAVIS	RR #4 BEDFORD	
Building Contractor			
Drilling Contractor	WINFRED PHILLIPS	RR #5 BEDFORD , IND.	
Equipment Operator	WINFRED PHILLIPS	License:	

Construction Details

Well	***Use:*** HOME	***Drilling method:*** CABLE TOOL	***Pump type:***
	Depth: 150.0	***Pump setting depth:***	***Water quality:***
Casing	***Length:***	***Material:***	***Diameter:*** 5.63
Screen	***Length:***	***Material:***	***Diameter: Slot size:***

Well Capacity Test ***Type of test:*** ***Test rate:*** gpm for hrs. ***BailTest rate:*** 1.0 gpm for 1.0 hrs.
Drawdown: ft. ***Static water level:*** 53.0 ft.

Grouting Information ***Material:*** ***Depth:*** from to
Installation Method: ***Number of bags used:***

Well Abandonment ***Sealing material:*** ***Depth:*** from to
Installation Method: ***Number of bags used:***

Administrative

County: LAWRENCE ***Township:*** 6N ***Range:*** 1W
Section: SW 1/4 of the SW 1/4 of the NW 1/4 of Section 28 ***Topo map:*** OOLITIC
Field located by: BARNES ***on:*** Fri, Jul 01, 1960
Courthouse location by: ***on:***
Location accepted w/o verification by: NO ***on:***
Subdivision name: ***Lot number:***
Ft W of EL: ***Ft N of SL:*** 2800 ***Ft E of WL:*** 800 ***Ft S of NL:***
Ground elevation: 700.0 ***Depth to bedrock:*** ***Bedrock elevation:*** ***Aquifier elevation:***
UTM Easting: 540526.0 ***UTM Northing:*** 4308502.0

Well Log

Top	Bottom	Formation
0.0	90.0	BLANK
90.0	150.0	SOFT GRAY LIME

Comments MC; DRILLED WELL DEEPER

245

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217256	APP 1/4 MI S OF NEEDMORE IND. & ON E SIDE OF SR37	Wed, Dec 06, 1961

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	JAMES HORNOCKER		
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	RR 6 BEDFORD IND.	
Equipment Operator	ERNIE UMPHRESS & SONS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 169.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:*	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 15.0 gpm for hrs.
Drawdown: ft. *Static water level:* ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 6N *Range:* 1W
Section: SW 1/4 of the NW 1/4 of the SE 1/4 of Section 28 *Topo map:* OOLITIC
Field located by: JCH *on:* Mon, Aug 01, 1966
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: 2500 *Ft N of SL:* 1700 *Ft E of WL:* *Ft S of NL:*
Ground elevation: 640.0 *Depth to bedrock:* *Bedrock elevation:* *Aquifier elevation:*
UTM Easting: 541148.0 *UTM Northing:* 4308174.0

Well Log

Top	Bottom	Formation
0.0	4.0	DIRT
4.0	27.0	BLUE LS HARD
27.0	85.0	WH LS SOFT
85.0	155.0	BLUE LS HARD
155.0	169.0	BR LS SOFT

Comments MC635

246

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217261	NEAR NEEDMORE ON HIGHWAY 37 S	Sat, Aug 18, 1962

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	JOE ROBERTS	BEDFORD RR 3	
Building Contractor			
Drilling Contractor	FLOYD STULTZ	BEDFORD IND. RR 4 BOX 72	
Equipment Operator	FLOYD STULTZ	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:*	*Pump type:*
	Depth: 105.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 9.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test *Type of test:* *Test rate:* gpm for 8.0 hrs. *BailTest rate:* 2.0 gpm for hrs.
Drawdown: ft. *Static water level:* 40.0 ft.

Grouting Information *Material:* *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment *Sealing material:* *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 6N *Range:* 1W
Section: NW 1/4 of the SW 1/4 of the SE 1/4 of Section 28 *Topo map:* OOLITIC
Field located by: JCH *on:* Mon, Aug 01, 1966
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: 2400 *Ft N of SL:* 800 *Ft E of WL:* *Ft S of NL:*
Ground elevation: 640.0 *Depth to bedrock:* *Bedrock elevation:* 630.0 *Aquifer elevation:*
UTM Easting: 541192.0 *UTM Northing:* 4307912.0

Well Log

Top	Bottom	Formation
0.0	8.0	CLAY
8.0	78.0	SOFT LS
78.0	113.0	HARD LS

Comments MC63Page 9558

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Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217266	NEEDMORE IND.	Tue, Apr 04, 1961

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	ORVILLE ARTHUR	BEDFORD RR 3	
Building Contractor			
Drilling Contractor	FLOYD STULTZ	BEDFORD IND. RR 4 BOX 72	
Equipment Operator	FLOYD STULTZ	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:*	*Pump type:*
	Depth: 120.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 18.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test *Type of test:* *Test rate:* gpm for hrs. *BailTest rate:* 0.8 gpm for 8.0 hrs.
Drawdown: ft. *Static water level:* ft.

Grouting Information *Material:* *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment *Sealing material:* *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 6N *Range:* 1W
Section: SW 1/4 of the SW 1/4 of the NW 1/4 of Section 28 *Topo map:* OOLITIC
Field located by: JCH *on:* Mon, Aug 01, 1966
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* *Ft E of WL:* 650 *Ft S of NL:* 2100
Ground elevation: 710.0 *Depth to bedrock:* *Bedrock elevation:* *Aquifier elevation:*
UTM Easting: 540477.0 *UTM Northing:* 4308636.0

Well Log

Top	Bottom	Formation
0.0	18.0	CLAY
18.0	120.0	SOFT LS

Comments

248

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217271	WELL WAS DRILLED IN NEEDMORE AT THE BAPTIST CHURCH	Tue, Jul 28, 1959

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	BAPTIST CHURCH	RR #4 BEDFORD IND.	
Building Contractor			
Drilling Contractor	WINFRED PHILLIPS	RR #5 BEDFORD IND.	
Equipment Operator	WINFRED PHILLIPS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 200.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 19.0	*Material:*	*Diameter:* 5.62
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test *Type of test:* *Test rate:* gpm for hrs. *BailTest rate:* 5.0 gpm for 1.0 hrs.
Drawdown: ft. *Static water level:* 75.0 ft.

Grouting Information *Material:* *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment *Sealing material:* *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 6N *Range:* 1W
Section: NW 1/4 of the NE 1/4 of the SW 1/4 of Section 28 *Topo map:* OOLITIC
Field located by: BARNES *on:* Fri, Jul 01, 1960
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* 2100 *Ft E of WL:* 800 *Ft S of NL:*
Ground elevation: 690.0 *Depth to bedrock:* *Bedrock elevation:* *Aquifer elevation:*
UTM Easting: 540837.0 *UTM Northing:* 4308314.0

Well Log

Top	Bottom	Formation
0.0	14.0	RED CLAY
14.0	16.0	LS
16.0	19.0	BLUE SH
19.0	57.0	BLUE HARD LIME
57.0	70.0	GRAY HARD LIME
70.0	76.0	BLUE SH
76.0	85.0	HARD BLUE LIME
85.0	145.0	SOFT GRAY LIME
145.0	165.0	VERY HARD WH LIME
165.0	200.0	HARD BLUE LIME

Comments ADD. CONST. INFO

249

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217276	.5 MI N OF AVOCA ON HARROWSBURG RD LOCATED ON NW CORNER OF PLOT PT NW SW SEC 29 TW 6 R 5	Sat, Jun 01, 1963

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	MURLE HOSTETTER	RR2, SPRINGVILLE, IN	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	BEDFORD, IN	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 175.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 78.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test *Type of test:* *Test rate:* gpm for hrs. *BailTest rate:* 0.4 gpm for hrs.
Drawdown: ft. *Static water level:* 73.0 ft.

Grouting Information *Material:* *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment *Sealing material:* *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 6N *Range:* 1W
Section: NW 1/4 of the SW 1/4 of the SW 1/4 of Section 29 *Topo map:* OOLITIC
Field located by: JCA *on:* Mon, Aug 01, 1966
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* 1000 *Ft E of WL:* 100 *Ft S of NL:*
Ground elevation: 610.0 *Depth to bedrock:* *Bedrock elevation:* 580.0 *Aquifer elevation:*
UTM Easting: 538735.0 *UTM Northing:* 4307975.0

Well Log

Top	Bottom	Formation
0.0	32.0	DIRT
32.0	75.0	MUD HOLES & BROKEN STONE
75.0	96.0	BLUE LS HARD
96.0	108.0	GRAY LS HARD
108.0	134.0	WHITE LS SOFT
134.0	140.0	BLUE LS HARD
140.0	175.0	WHITE LS SOFT

Comments MC 580

250

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217281	CENTE ROF THE SW 1/4 OF NW 1/4 OF N3 1/4 .5 MI W OF MARSHALL TWP SCHOOL	Wed, Jul 18, 1962

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	DEAN PENNINGTON	RR4, BEDFORD, IN	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	BEDFORD, IN	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 162.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 103.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 3.0 gpm for hrs.
Drawdown: ft. *Static water level:* 102.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 6N *Range:* 1W
Section: SW 1/4 of the NW 1/4 of the NE 1/4 of Section 29 *Topo map:* OOLITIC
Field located by: JCH *on:* Mon, Aug 01, 1966
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: 2100 *Ft N of SL:* *Ft E of WL:* *Ft S of NL:* 1200
Ground elevation: 710.0 *Depth to bedrock:* *Bedrock elevation:* *Aquifier elevation:*
UTM Easting: 539629.0 *UTM Northing:* 4308897.0

Well Log

Top	Bottom	Formation
0.0	40.0	DIRT
40.0	43.0	BLUE LS HARD
43.0	45.0	RED CLAY
45.0	70.0	BROKEN LS & MUD SEAMS SOFT
70.0	85.0	BLUE LS HARD
85.0	98.0	BROKEN LS SOFT
98.0	126.0	BLUE LS SOFT
126.0	138.0	WHITE LS SOFT
138.0	150.0	BLUE LS SOFT
150.0	162.0	WHTIE LS SOFT

Comments MC 67Page 9559

25D

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217286	1 MI S OF NEEDMORE	Wed, Jul 20, 1960

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	VON CRAIG	BEDFORD RR 3 IND.	
Building Contractor			
Drilling Contractor	FLOYD STULTZ	BEDFORD IND. RR 4 BOX 72	
Equipment Operator	FLOYD STULTZ	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 60.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 43.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test *Type of test:* *Test rate:* gpm for hrs. *BailTest rate:* 5.0 gpm for 8.0 hrs.
Drawdown: ft. *Static water level:* 35.0 ft.

Grouting Information *Material:* *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment *Sealing material:* *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 6N *Range:* 1W
Section: NE 1/4 of the SE 1/4 of the SE 1/4 of Section 29 *Topo map:* OOLITIC
Field located by: IT -S *on:* Tue, Nov 01, 1960
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: 400 *Ft N of SL:* 900 *Ft E of WL:* *Ft S of NL:*
Ground elevation: 670.0 *Depth to bedrock:* *Bedrock elevation:* *Aquifier elevation:*
UTM Easting: 540174.0 *UTM Northing:* 4307941.0

Well Log

Top	Bottom	Formation
0.0	43.0	CLAY
43.0	60.0	LS

Comments MC630; CHEM ANALYSIS

152

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217291	APP. 1/4 MI S OF NEEDMORE IND. & ON W SIDE OF SR37	Wed, Nov 29, 1961

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	BATOM EVANS		
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	RR 6 BEDFORD IND.	
Equipment Operator	ERNIE UMPHRESS & SONS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 100.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 17.5	*Material:*	*Diameter:* 4.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 3.0 gpm for hrs.
Drawdown: ft. *Static water level:* ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 6N *Range:* 1W
Section: SE 1/4 of the NE 1/4 of the SW 1/4 of Section 28 *Topo map:* OOLITIC
Field located by: JCH *on:* Mon, Aug 01, 1966
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* 500 *Ft E of WL:* 2650 *Ft S of NL:*
Ground elevation: 630.0 *Depth to bedrock:* *Bedrock elevation:* *Aquifier elevation:*
UTM Easting: 541112.0 *UTM Northing:* 4308119.0

Well Log

Top	Bottom	Formation
0.0	4.0	DIRT
4.0	23.0	BLUE LS EX HARD
23.0	78.0	WH LS SOFT
78.0	100.0	BLUE LS SOFT

Comments

253

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217296	AP 1/4 MI S OF NEEDMORE IND. ON SR37 AND ON E SIDE OF RD	Thu, Apr 05, 1962

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	JOE B. NORDHAFF		
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	RR 6 BEDFORD IND.	
Equipment Operator	ERNIE UMPHRESS & SONS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 200.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 6.8	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test — *Type of test:* — *Test rate:* gpm for hrs. — *BailTest rate:* 0.2 gpm for 1.0 hrs.
Drawdown: ft. — *Static water level:* 75.0 ft.

Grouting Information — *Material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Well Abandonment — *Sealing material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Administrative

County: LAWRENCE — *Township:* 6N *Range:* 1W
Section: SW 1/4 of the NW 1/4 of the SE 1/4 of Section 28 — *Topo map:* OOLITIC
Field located by: JCH — *on:* Mon, Aug 01, 1966
Courthouse location by: — *on:*
Location accepted w/o verification by: — *on:*
Subdivision name: — *Lot number:*

Ft W of EL: 2400	*Ft N of SL:* 1500	*Ft E of WL:*	*Ft S of NL:*
Ground elevation: 640.0	*Depth to bedrock:*	*Bedrock elevation:* 635.0	*Aquifier elevation:*
UTM Easting: 541161.0		*UTM Northing:* 4308119.0	

Well Log

Top	Bottom	Formation
0.0	4.0	DIRT
4.0	70.0	BLUE LS HARD
70.0	76.0	WH LS SOFT
76.0	92.0	BR LS SOFT
92.0	180.0	WH LS SOFT
180.0	184.0	BLUE LS HARD
184.0	200.0	BLUE SH SOFT

Comments

254

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217301	AVOCA	Tue, Jul 07, 1953

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	ELMER PATTON		
Building Contractor			
Drilling Contractor	HOMER ALFORD	RR3 MITHCELL	
Equipment Operator		License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 114.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 39.5	*Material:*	*Diameter:* 5.63
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test — *Type of test:* — *Test rate:* gpm for hrs. — *BailTest rate:* 4.0 gpm for hrs.
Drawdown: ft. — *Static water level:* ft.

Grouting Information — *Material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Well Abandonment — *Sealing material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Administrative

County: LAWRENCE — *Township:* 6N *Range:* 1W
Section: NW 1/4 of the SE 1/4 of the SE 1/4 of Section 31 — *Topo map:* OOLITIC
Field located by: JRD — *on:* Tue, Aug 08, 1978
Courthouse location by: — *on:*
Location accepted w/o verification by: — *on:*
Subdivision name: — *Lot number:*
Ft W of EL: 750 — *Ft N of SL:* 1200 — *Ft E of WL:* — *Ft S of NL:*
Ground elevation: 655.0 — *Depth to bedrock:* 35.0 — *Bedrock elevation:* 620.0 — *Aquifier elevation:*
UTM Easting: 538500.0 — *UTM Northing:* 4306438.0

Well Log

Top	Bottom	Formation
0.0	35.0	OVERBURDEN CLAY ROCKS
35.0	39.0	SOLID LS
39.0	114.0	LS

Comments MC620; ADDT'L CONST. INFO; NEIGHBOR VERIFIED; BREAK OR CREVICE @54-73'

255

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217306	2 MI W FROM OOLITIC ON SR54 TO GREEN LANE THEN 1 MI S	Wed, Dec 09, 1964

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	JESSE STANLEY	86 OOLITIC RD BEDFORD	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	RR 6 BOX 13 BEDFORD	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 100.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 46.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 4.0 gpm for hrs.
Drawdown: ft. *Static water level:* 76.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 6N *Range:* 1W
Section: SW 1/4 of the SW 1/4 of the SW 1/4 of Section 30 *Topo map:* OOLITIC
Field located by: JRD *on:* Tue, Aug 08, 1978
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* 200 *Ft E of WL:* 100 *Ft S of NL:*
Ground elevation: 675.0 *Depth to bedrock:* 39.0 *Bedrock elevation:* 636.0 *Aquifier elevation:*
UTM Easting: 537041.0 *UTM Northing:* 4307704.0

Well Log

Top	Bottom	Formation
0.0	39.0	BOLDERS & CLAY
39.0	58.0	GRAY LIME MEDIUM
58.0	69.0	WH LS MEDIUM
69.0	87.0	GRAY LIME
87.0	101.0	WH LIME

Comments MC636; OWNER VERIFIED/15 FT SW OF HOUSE

256

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217311	AP. 1 MI W OF AVACA IND. ON SR54	Fri, Jun 10, 1960

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	GORDEN PORTER	SPRINGSVILLE RR 2	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	RR 6 BOX 13 BEDFORD	
Equipment Operator	ERNIE UMPHRESS & SONS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 112.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 50.7	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 1.25 gpm for 1.0 hrs.
Drawdown: ft. *Static water level:* 43.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 6N *Range:* 1W
Section: SW 1/4 of the SE 1/4 of the SE 1/4 of Section 30 *Topo map:* OOLITIC
Field located by: BARNES *on:* Fri, Jul 01, 1960
Courthouse location by: *on:*
Location accepted w/o verification by: NO *on:*
Subdivision name: *Lot number:*
Ft W of EL: 1150 *Ft N of SL:* 350 *Ft E of WL:* *Ft S of NL:*
Ground elevation: 610.0 *Depth to bedrock:* *Bedrock elevation:* *Aquifier elevation:*
UTM Easting: 538357.0 *UTM Northing:* 4307755.0

Well Log

Top	Bottom	Formation
0.0	48.0	DIRT & LAYERS OF LS
48.0	112.0	GRAY LS NOT TO HARD

Comments MC

Record of Water Well

257

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217316	3/4 MI W OF AVACO ON SR54	Tue, Jul 12, 1960

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	ORDA O. TURNER & PEARL	SPRINGSVILLE RR 2 IND.	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	RR 6 BOX 13 BEDFORD	
Equipment Operator	ERNIE UMPHRESS & SONS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 100.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 18.25	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter:* 18.25 *Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 3.0 gpm for hrs.
Drawdown: ft. *Static water level:* 15.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 6N *Range:* 1W
Section: SE 1/4 of the SW 1/4 of the SE 1/4 of Section 30 *Topo map:* OOLITIC
Field located by: H - S *on:* Wed, Nov 01, 1961
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: 1700 *Ft N of SL:* 200 *Ft E of WL:* *Ft S of NL:*
Ground elevation: 590.0 *Depth to bedrock:* *Bedrock elevation:* *Aquifer elevation:*
UTM Easting: 538193.0 *UTM Northing:* 4307724.0

Well Log

Top	Bottom	Formation
0.0	5.0	DIRT
5.0	15.0	SJELLIE LS
15.0	30.0	HARD BLUE LS
30.0	90.0	GRAY LS SOFT
90.0	100.0	HARD BLUE LS

Comments MC585; CHEM ANALYSIS

Record of Water Well

258

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217321	APP. 2 MI W OF NEEDMORE IND.	Fri, May 24, 1963

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	MAUDE HOTZ	RR #4 BEDFORD IND.	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	BEDFORD IND. RR 6	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	***Use:*** HOME	***Drilling method:*** CABLE TOOL	***Pump type:***
	Depth: 165.0	***Pump setting depth:***	***Water quality:***
Casing	***Length:*** 77.0	***Material:***	***Diameter:*** 6.0
Screen	***Length:***	***Material:***	***Diameter: Slot size:***

Well Capacity Test ***Type of test:*** ***Test rate:*** gpm for hrs. ***BailTest rate:*** 0.5 gpm for hrs.
Drawdown: ft. ***Static water level:*** 60.0 ft.

Grouting Information ***Material:*** ***Depth:*** from to
Installation Method: ***Number of bags used:***

Well Abandonment ***Sealing material:*** ***Depth:*** from to
Installation Method: ***Number of bags used:***

Administrative

County: LAWRENCE ***Township:*** 6N ***Range:*** 1W
Section: SW 1/4 of the NE 1/4 of the NW 1/4 of Section 29 ***Topo map:*** OOLITIC
Field located by: JCH ***on:*** Mon, Aug 01, 1966
Courthouse location by: ***on:***
Location accepted w/o verification by: ***on:***
Subdivision name: ***Lot number:***
Ft W of EL: ***Ft N of SL:*** ***Ft E of WL:*** 1000 ***Ft S of NL:*** 1300
Ground elevation: 690.0 ***Depth to bedrock:*** ***Bedrock elevation:*** 661.0 ***Aquifier elevation:***
UTM Easting: 539142.0 ***UTM Northing:*** 4308878.0

Well Log

Top	Bottom	Formation
0.0	33.0	DIRT
33.0	71.0	BOULDERS & MUD HOLES
71.0	90.0	WH LS HARD
90.0	122.0	BLUE LS HARD
122.0	165.0	WH LS SOFT

Comments MC660

259

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217326	APP. 1 1/2 MI NE OF AVOCA IND. ON N PIKE RD	Fri, Apr 10, 1964

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	ARTHUR SYKES	SPRINGVILLE IND. R 2	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	BEDFORD IND. RR 6	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 161.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:*	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test — *Type of test:* — *Test rate:* gpm for hrs. — *BailTest rate:* 0.1 gpm for 1.0 hrs.
Drawdown: ft. — *Static water level:* 66.0 ft.

Grouting Information — *Material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Well Abandonment — *Sealing material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Administrative

County: LAWRENCE — *Township:* 6N *Range:* 1W
Section: NW 1/4 of the NW 1/4 of the SW 1/4 of Section 29 — *Topo map:* OOLITIC
Field located by: JCH — *on:* Mon, Aug 01, 1966
Courthouse location by: — *on:*
Location accepted w/o verification by: — *on:*
Subdivision name: — *Lot number:*
Ft W of EL: — *Ft N of SL:* 2400 — *Ft E of WL:* 100 — *Ft S of NL:*
Ground elevation: 665.0 — *Depth to bedrock:* — *Bedrock elevation:* — *Aquifier elevation:*
UTM Easting: 538722.0 — *UTM Northing:* 4308383.0

Well Log

Top	Bottom	Formation
0.0	101.0	BLANK
101.0	125.0	WH LS SOFT
125.0	143.0	BLUE LS HARD
143.0	159.0	GRAY LS HARD
159.0	161.0	BLUE LS HARD

Comments MC

Record of Water Well

260

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217331	.5 MI W AVOCA FISH HATCHERY ON EURICA RD	Sun, Apr 24, 1960

	Name	*Address*	*Telephone*
Owner-Contractor			
Well Owner	ELMER PATON	AVOCA, IN	
Building Contractor			
Drilling Contractor	ELMER ATFORD	MITCHELL, IN	
Equipment Operator	ELMER ATFORD	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 91.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:*	*Material:*	*Diameter:*
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: PUMPING *Test rate:* 11.0 gpm for hrs. *BailTest rate:* gpm for 0.5 hrs.
Drawdown: ft. *Static water level:* 18.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 6N *Range:* 1W
Section: NW 1/4 of the SW 1/4 of the SW 1/4 of Section 31 *Topo map:* OOLITIC
Field located by: BARNES *on:* Fri, Jul 01, 1960
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: 600 *Ft N of SL:* 1000 *Ft E of WL:* *Ft S of NL:*
Ground elevation: 650.0 *Depth to bedrock:* *Bedrock elevation:* *Aquifier elevation:*
UTM Easting: 538524.0 *UTM Northing:* 4306371.0

Well Log

Top	Bottom	Formation
0.0	57.0	CLAY & BOULDERS
57.0	91.0	LIME GRAY

Comments

Record of Water Well

261

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217336	APPROX. STARTING AT THE JCT OF SR58 & GREEN LANE WELL LIES 1.2 MI S OF SR58 103 FT E OF THE CENTER OF GREEN LANE	Sat, Jul 23, 1960

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	KEITH S DAVIS	RR #2 SPRINGVILLE	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	RR 6 BOX 13 BEDFORD	
Equipment Operator	ERNIE UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 103.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 95.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 10.0 gpm for 1.0 hrs.
Drawdown: ft. *Static water level:* 63.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 6N *Range:* 1W
Section: SW 1/4 of the NW 1/4 of the SW 1/4 of Section 31 *Topo map:* OOLITIC
Field located by: S&H *on:* Tue, Nov 01, 1960
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* 1400 *Ft E of WL:* 100 *Ft S of NL:*
Ground elevation: 670.0 *Depth to bedrock:* *Bedrock elevation:* *Aquifier elevation:*
UTM Easting: 537055.0 *UTM Northing:* 4306503.0

Well Log

Top	Bottom	Formation
0.0	95.0	MUD HOLES & LS & BOULDERS
95.0	103.0	WH LS SOFT

Comments MC

262

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217337	5 MI N OF BEDFORD ON PEERLESS RD 1 MI NW OF MT PLEASANT CHURCH	

	Name	*Address*	*Telephone*
Owner-Contractor			
Well Owner	DON STULTZ	BEDFORD RR 4 IND.	
Building Contractor			
Drilling Contractor	FLOYD STULTZ	R #4 BEDFORD IND.	
Equipment Operator	FLOYD STULTZ	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth:	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 10.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* 1.0 gpm for 8.0 hrs. *BailTest rate:* gpm for hrs.
Drawdown: ft. *Static water level:* 20.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 6N *Range:* 1W
Section: SW 1/4 of the NW 1/4 of the SE 1/4 of Section 28 *Topo map:* OOLITIC
Field located by: JCH *on:* Mon, Aug 01, 1966
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: 2600 *Ft N of SL:* 1900 *Ft E of WL:* *Ft S of NL:*
Ground elevation: 650.0 *Depth to bedrock:* *Bedrock elevation:* *Aquifer elevation:*
UTM Easting: 541112.0 *UTM Northing:* 4308247.0

Well Log

Top	Bottom	Formation
0.0	10.0	CLAY
10.0	105.0	HARD LS

Comments

263

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217341	ON SR 54 IT IS ON THE L SIDE OF TOWN ON THE HILL	

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	GEORGE SARGENT	SPRINGVILLE	
Building Contractor			
Drilling Contractor	HAROLD JACKSON	1516 E TIPTON, SYCAMORE, IN	
Equipment Operator		License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 114.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 45.0	*Material:*	*Diameter:* 4.5
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test *Type of test:* *Test rate:* gpm for hrs. *BailTest rate:* gpm for hrs.
Drawdown: ft. *Static water level:* ft.

Grouting Information *Material:* *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment *Sealing material:* *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 6N *Range:* 1W
Section: SE 1/4 of the NE 1/4 of the NE 1/4 of Section 31 *Topo map:* OOLITIC
Field located by: JCH *on:* Mon, Aug 01, 1966
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: 200 *Ft N of SL:* *Ft E of WL:* *Ft S of NL:* 700
Ground elevation: 575.0 *Depth to bedrock:* *Bedrock elevation:* 530.0 *Aquifier elevation:*
UTM Easting: 538656.0 *UTM Northing:* 4307408.0

Well Log

Top	Bottom	Formation
0.0	45.0	RED CLAY
45.0	75.0	WHITE LIME
75.0	114.0	BLUE LIME & SH

Comments MC 530

264

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217342	NEEDMORE ON HIGHWAY 37 S OF NEEDMORE	Wed, Jun 26, 1963

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	DELBERT STEWART		
Building Contractor			
Drilling Contractor	FLOYD STULTZ	BEDFORD IND. RR 4	
Equipment Operator	FLOYD STULTZ	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 174.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 22.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test: *Type of test:* *Test rate:* gpm for hrs. *BailTest rate:* 5.0 gpm for 8.0 hrs.
Drawdown: ft. *Static water level:* 70.0 ft.

Grouting Information: *Material:* *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment: *Sealing material:* *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 6N *Range:* 1W
Section: NE 1/4 of the NE 1/4 of the SW 1/4 of Section 28 *Topo map:* OOLITIC
Field located by: JCH *on:* Mon, Aug 01, 1966
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* 2000 *Ft E of WL:* 2000 *Ft S of NL:*
Ground elevation: 650.0 *Depth to bedrock:* *Bedrock elevation:* *Aquifier elevation:*
UTM Easting: 541075.0 *UTM Northing:* 4308284.0

Well Log

Top	Bottom	Formation
0.0	22.0	CLAY
22.0	112.0	SOFT LS
112.0	174.0	HARD LS

Comments

Record of Water Well

265

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
223245	20' W OF N PIKE RD 100' E OF SR 54	Wed, Sep 20, 1961

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	HARVEY G HOLMES	AVOCA, IN	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	RR6, BEDFORD, IN	
Equipment Operator	ERNIE UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 79.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 24.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 6.0 gpm for 7.0 hrs.
Drawdown: ft. *Static water level:* 39.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 6N *Range:* 1W
Section: NE 1/4 of the NE 1/4 of the NE 1/4 of Section 31 *Topo map:* OOLITIC
Field located by: JCH *on:* Mon, Aug 01, 1966
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: 100 *Ft N of SL:* *Ft E of WL:* *Ft S of NL:* 400
Ground elevation: 640.0 *Depth to bedrock:* *Bedrock elevation:* *Aquifier elevation:*
UTM Easting: 538675.0 *UTM Northing:* 4307517.0

Well Log

Top	Bottom	Formation
0.0	6.0	DIRT
6.0	20.0	WHELLER LS
20.0	79.0	WHITE LS

Comments

Record of Water Well

2606

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
223250		Tue, Jul 20, 1954

	Name	*Address*	*Telephone*
Owner-Contractor			
Well Owner	WENDELL TURNER		
Building Contractor			
Drilling Contractor	HOMER ALFORD	RR3 MITHCELL	
Equipment Operator		License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 95.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 17.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test: *Type of test:* | *Test rate:* gpm for hrs. | *BailTest rate:* 3.0 gpm for hrs.
Drawdown: ft. | *Static water level:* 45.0 ft.

Grouting Information: *Material:* | *Depth:* from to
Installation Method: | *Number of bags used:*

Well Abandonment: *Sealing material:* | *Depth:* from to
Installation Method: | *Number of bags used:*

Administrative

County: LAWRENCE		*Township:* 6N *Range:* 1W	
Section: NW 1/4 of the SE 1/4 of the NE 1/4 of Section 31			*Topo map:* OOLITIC
Field located by: JRD		*on:* Tue, Aug 08, 1978	
Courthouse location by:		*on:*	
Location accepted w/o verification by:		*on:*	
Subdivision name:		*Lot number:*	
Ft W of EL: 700	*Ft N of SL:*	*Ft E of WL:*	*Ft S of NL:* 1400
Ground elevation: 615.0	*Depth to bedrock:* 15.0	*Bedrock elevation:* 600.0	*Aquifier elevation:*
UTM Easting: 538486.0		*UTM Northing:* 4307218.0	

Well Log

Top	Bottom	Formation
0.0	15.0	OVERBURDEN CLAY ROCK
15.0	17.0	SOLID ROCK
17.0	95.0	LS

Comments: MC600; WELL HAS 100 GAL RESERVE CAP.; OWNER VERIFED/15' S OF HOUSE

Record of Water Well

267

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
223255	25' W OF BIOLOGIST'S RESIDENCE	

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	DNR AVOCA FISH HATCHERY	AVOCA, IN	
Building Contractor			
Drilling Contractor			
Equipment Operator		License:	

Construction Details

Well	*Use:*	*Drilling method:*	*Pump type:*
	Depth: 130.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:*	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test	*Type of test:*	*Test rate:* 6.0 gpm for hrs.	*BailTest rate:* gpm for hrs.
	Drawdown: ft.	*Static water level:* 25.0 ft.	

Grouting Information	*Material:*	*Depth:* from to
	Installation Method:	*Number of bags used:*

Well Abandonment	*Sealing material:*	*Depth:* from to
	Installation Method:	*Number of bags used:*

Administrative

County: LAWRENCE *Township:* 6N *Range:* 1W

Section: 1/4 of the 1/4 of the SW 1/4 of Section 32 *Topo map:* OOLITIC

Field located by:		*on:*	
Courthouse location by:		*on:*	
Location accepted w/o verification by:		*on:*	
Subdivision name:		*Lot number:*	
Ft W of EL:	*Ft N of SL:*	*Ft E of WL:*	*Ft S of NL:*
Ground elevation:	*Depth to bedrock:*	*Bedrock elevation:*	*Aquifer elevation:*
UTM Easting: 539177.0		*UTM Northing:* 4306598.0	

Well Log

Top	Bottom	Formation
0.0	0.0	NO INFORMATION

Comments CHEMICAL ANALYSIS

Record of Water Well

268

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
223260		Thu, May 31, 1951

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	BARRETT	SOUTH AVOCA	
Building Contractor			
Drilling Contractor	HOMER ALFORD	RR3 MITHCELL	
Equipment Operator		License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 98.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 44.5	*Material:*	*Diameter:* 5.63
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test *Type of test:* *Test rate:* gpm for hrs. *BailTest rate:* 5.0 gpm for 0.5 hrs.
Drawdown: ft. *Static water level:* 32.0 ft.

Grouting Information *Material:* *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment *Sealing material:* *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 6N *Range:* 1W
Section: NW 1/4 of the SE 1/4 of the SE 1/4 of Section 31 *Topo map:* OOLITIC
Field located by: JRD *on:* Tue, Aug 08, 1978
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: 700 *Ft N of SL:* 850 *Ft E of WL:* *Ft S of NL:*
Ground elevation: 640.0 *Depth to bedrock:* 44.0 *Bedrock elevation:* 596.0 *Aquifer elevation:*
UTM Easting: 538506.0 *UTM Northing:* 4306322.0

Well Log

Top	Bottom	Formation
0.0	44.5	OVERBURDERN CLAY BOULDERS
44.5	98.0	LS

Comments MC596; WELL HAS RESERVE CAP. OF 100 GAL.; PREVIOUS OWNER VERIFIED/SW OFHOUSE

269

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
223265	AP. 2 MI W OF AVOCA IND.	Tue, Jun 07, 1960

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	GAROLD BRENT (ASK E TURNER)	SPRINGVILLE IND. RR 6	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	RR 6 BOX 13 BEDFORD	
Equipment Operator	ERNIE UMPHRESS & SONS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 121.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 66.7	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 1.5 gpm for 1.0 hrs.
Drawdown: ft. *Static water level:* 71.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 6N *Range:* 1W
Section: SE 1/4 of the NW 1/4 of the NE 1/4 of Section 31 *Topo map:* OOLITIC
Field located by: BARNES *on:* Fri, Jul 01, 1960
Courthouse location by: *on:*
Location accepted w/o verification by: NO *on:*
Subdivision name: *Lot number:*
Ft W of EL: 1800 *Ft N of SL:* *Ft E of WL:* *Ft S of NL:* 1100
Ground elevation: 650.0 *Depth to bedrock:* *Bedrock elevation:* *Aquifer elevation:*
UTM Easting: 538145.0 *UTM Northing:* 4307273.0

Well Log

Top	Bottom	Formation
0.0	65.0	DIRT & LAYERS OF LS
65.0	101.0	BUFF LS SOFT
101.0	121.0	WH LS HARD

Comments MC

270

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
223270	APP. 2 MI W OF AVOCA IND. ON US HIGHWAY 54 TO 1ST RD S TOWNSHIP RD APP. 1/2 MI S ON E SIDE OF RD	Wed, Nov 11, 1964

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	DOYLE JONES	SPRINGVILLE RR 1	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	RR 6 BOX 13 BEDFORD	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 108.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 69.5	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 0.9 gpm for hrs.
Drawdown: ft. *Static water level:* 68.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 6N *Range:* 1W
Section: SW 1/4 of the NW 1/4 of the NW 1/4 of Section 31 *Topo map:* OOLITIC
Field located by: JCH *on:* Mon, Aug 01, 1966
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* *Ft E of WL:* 100 *Ft S of NL:* 1200
Ground elevation: 670.0 *Depth to bedrock:* *Bedrock elevation:* *Aquifier elevation:*
UTM Easting: 538675.0 *UTM Northing:* 4307274.0

Well Log

Top	Bottom	Formation
0.0	5.0	DIRT
5.0	70.0	LS BOULDERS & MUD HOLES
70.0	79.0	BLUE LS HARD
79.0	85.0	GRAY LS SOFT
85.0	108.0	BLUE LS HARD

Comments

271

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
223275	AVOCA IND. APP. 2 BLOCKS N OF US POST OFFICE ON SR54 E SIDE OF RD	Wed, Sep 25, 1963

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	CLOVIS MAY	AVOCA IND.	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	RR 6 BOX 13 BEDFORD IND.	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 128.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 6.3	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 1.0 gpm for hrs.
Drawdown: ft. *Static water level:* 20.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 6N *Range:* 1W
Section: NE 1/4 of the SW 1/4 of the NW 1/4 of Section 32 *Topo map:* OOLITIC
Field located by: JCH *on:* Mon, Aug 01, 1966
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* *Ft E of WL:* 700 *Ft S of NL:* 1830
Ground elevation: 560.0 *Depth to bedrock:* *Bedrock elevation:* *Aquifer elevation:*
UTM Easting: 538919.0 *UTM Northing:* 4307085.0

Well Log

Top	Bottom	Formation
0.0	3.0	DIRT
3.0	12.0	BLUE LS HARD
12.0	37.0	GRAY LS SOFT
37.0	48.0	BLUE LS SOFT
48.0	61.0	GRAY LS SOFT
61.0	99.0	BLUE LS SOFT
99.0	128.0	GRAY LS HARD

Comments

272

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
223280	ADJOINING AVOCA STATE FISH HATCHERY ON EAST	Fri, Jul 29, 1960

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	HOMER ROLLINS	AVOCA IND.	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	RR 6 BOX 13 BEDFORD IND.	
Equipment Operator	ERNIE UMPHRESS & SONS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 119.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 10.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test — *Type of test:* — *Test rate:* gpm for hrs. — *BailTest rate:* 0.5 gpm for 1.0 hrs.
Drawdown: ft. — *Static water level:* 14.0 ft.

Grouting Information — *Material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Well Abandonment — *Sealing material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Administrative

County: LAWRENCE — *Township:* 6N *Range:* 1W
Section: NE 1/4 of the NW 1/4 of the SW 1/4 of Section 32 — *Topo map:* OOLITIC
Field located by: S & H — *on:* Tue, Nov 01, 1960
Courthouse location by: — *on:*
Location accepted w/o verification by: — *on:*
Subdivision name: — *Lot number:*
Ft W of EL: — *Ft N of SL:* 2500 — *Ft E of WL:* 1000 — *Ft S of NL:*
Ground elevation: 565.0 — *Depth to bedrock:* — *Bedrock elevation:* — *Aquifier elevation:*
UTM Easting: 539017.0 — *UTM Northing:* 4306860.0

Well Log

Top	Bottom	Formation
0.0	3.0	DIRT
3.0	8.0	SHELLIE LS
8.0	40.0	BLUE LS
40.0	100.0	WH LS
100.0	119.0	BLUE LS HARD

Comments MC

273

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
223285	E SIDE OF AVOCA 1/4 MI FROM H WAY 54 IN AVOCA	Thu, Dec 01, 1966

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	MAURICE GRAVES	AVOCA	
Building Contractor			
Drilling Contractor	RAY E. ALFORD	RR 2 MITCHELL	
Equipment Operator	RAY E. ALFORD	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 117.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 28.0	*Material:*	*Diameter:* 6.63
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test — *Type of test:* — *Test rate:* gpm for hrs. — *BailTest rate:* 7.0 gpm for hrs.
Drawdown: ft. — *Static water level:* ft.

Grouting Information — *Material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Well Abandonment — *Sealing material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Administrative

County: LAWRENCE — *Township:* 6N *Range:* 1W
Section: SE 1/4 of the NW 1/4 of the NW 1/4 of Section 32 — *Topo map:* OOLITIC
Field located by: JRD — *on:* Tue, Aug 08, 1978
Courthouse location by: — *on:*
Location accepted w/o verification by: — *on:*
Subdivision name: — *Lot number:*
Ft W of EL: — *Ft N of SL:* — *Ft E of WL:* 1000 — *Ft S of NL:* 900
Ground elevation: 615.0 — *Depth to bedrock:* 8.0 — *Bedrock elevation:* 607.0 — *Aquifier elevation:*
UTM Easting: 538992.0 — *UTM Northing:* 4307359.0

Well Log

Top	Bottom	Formation
0.0	8.0	SOIL CLAY
8.0	28.0	SHELLY LIME & SS
28.0	87.0	GRAY LIME MD
87.0	117.0	WH LIME MD

Comments MC607: OWNER VERIFIED/NE CORNER OF HOUSE

274

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
223290	AVOCA SR54 ACROSS FROM BRANCH EAST STATE FISH HATCHERY	Mon, Oct 05, 1959

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	LEX FRANKLIN	AVOCA IND.	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	RR 6 BOX 13 BEDFORD IND.	
Equipment Operator	ERNIE UMPHRESS & SONS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 89.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 9.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test *Type of test:* *Test rate:* gpm for hrs. *BailTest rate:* 1.2 gpm for 1.0 hrs.
Drawdown: 68.0 ft. *Static water level:* 81.0 ft.

Grouting Information *Material:* *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment *Sealing material:* *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 6N *Range:* 1W
Section: SW 1/4 of the NE 1/4 of the SW 1/4 of Section 32 *Topo map:* OOLITIC
Field located by: BARNES *on:* Fri, Jul 01, 1960
Courthouse location by: *on:*
Location accepted w/o verification by: NO *on:*
Subdivision name: *Lot number:*

Ft W of EL: 3650	*Ft N of SL:* 1600	*Ft E of WL:*	*Ft S of NL:*
Ground elevation: 560.0	*Depth to bedrock:*	*Bedrock elevation:*	*Aquifier elevation:*
UTM Easting: 539231.0		*UTM Northing:* 4306622.0	

Well Log

Top	Bottom	Formation
0.0	3.0	DIRT
3.0	7.0	BROKEN LS
7.0	40.0	GRAY LIME SOFT
40.0	60.0	BLUE LIME SOFT
60.0	89.0	BUFF SOFT

Comments MC580

Record of Water Well

275

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
223295	ACROSS THE STREET FROM AVOCA BAPTIST CHURCH PARSONAGE	Wed, May 04, 1960

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	RUSSEL TURNER		
Building Contractor			
Drilling Contractor	WINFRED PHILLIPS	RR #5 BEDFORD IND.	
Equipment Operator	WINFRED PHILLIPS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 88.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 28.0	*Material:*	*Diameter:* 5.63
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* gpm for hrs.
Drawdown: ft. *Static water level:* 35.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 6N *Range:* 1W
Section: SE 1/4 of the SW 1/4 of the NW 1/4 of Section 32 *Topo map:* OOLITIC
Field located by: BARNES *on:* Fri, Jul 01, 1960
Courthouse location by: *on:*
Location accepted w/o verification by: NO *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* *Ft E of WL:* 1200 *Ft S of NL:* 2100
Ground elevation: 590.0 *Depth to bedrock:* *Bedrock elevation:* *Aquifier elevation:*
UTM Easting: 539078.0 *UTM Northing:* 4306994.0

Well Log

Top	Bottom	Formation
0.0	28.0	RED CLAY
28.0	45.0	BLUE LIME
45.0	65.0	BR LIME
65.0	88.0	SOFT WH LIME

Comments MC; I COULD NOT LOWER WATER IN THIS WELL IWTH 2 GAL. BAILER

Record of Water Well

276

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
223300	APP. .5 MI NE OF AVOCA POST OFFICE AT AVOCA IND.	Thu, Oct 21, 1965

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	ROBERT & THOMAS BUNCH	AVOCA IND.	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	RR 6 BOX 13 BEDFORD	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 103.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 75.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* gpm for hrs.
Drawdown: ft. *Static water level:* 90.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 6N *Range:* 1W
Section: NE 1/4 of the NW 1/4 of the NW 1/4 of Section 32 *Topo map:* OOLITIC
Field located by: JCH *on:* Mon, Aug 01, 1966
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* *Ft E of WL:* 1200 *Ft S of NL:* 600
Ground elevation: 640.0 *Depth to bedrock:* *Bedrock elevation:* *Aquifer elevation:*
UTM Easting: 539065.0 *UTM Northing:* 4307482.0

Well Log

Top	Bottom	Formation
0.0	14.0	DIRT
14.0	70.0	BOULDERS & MUD HOLES
70.0	97.0	GRAY LS HARD
97.0	103.0	BLUE LS HARD

Comments MC630

Record of Water Well

277

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
223315	IN AVOCA ON LOTS 55 & 56 OF BRIDWELL ADD, APPROX 1 BLOCK OFF STATE HWY 54 & 58	Thu, Sep 06, 1962

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	ROBERT OR LINDA CHARELS	ANOCA, IN	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	RR6, BEDFORD, IN	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 217.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 27.5	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 0.1 gpm for hrs.
Drawdown: ft. *Static water level:* 97.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 6N *Range:* 1W
Section: NW 1/4 of the NE 1/4 of the SW 1/4 of Section 32 *Topo map:* OOLITIC
Field located by: JCH *on:* Mon, Aug 01, 1966
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* 2300 *Ft E of WL:* 1400 *Ft S of NL:*
Ground elevation: 580.0 *Depth to bedrock:* *Bedrock elevation:* *Aquifier elevation:*
UTM Easting: 539139.0 *UTM Northing:* 4306775.0

Well Log

Top	Bottom	Formation
0.0	16.0	DIRT
16.0	52.0	BLUE LS HARD
52.0	97.0	GRAY LS HARD
97.0	115.0	GRAY LS SOFT
115.0	130.0	BLUE LS HARD
130.0	175.0	GRAY LS HARD
175.0	206.0	BLUE LS SOFT
206.0	217.0	BLUE SH SOFT

Comments

278

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
223320	1 1/2 MI N OF OOLITIC ON NEW HIGHWAY 37 1/4 MI N OF AVOCA BLINKER LIGHT ON NEW HIGHWAY 37 ON E SIDE OF HIGHWAY 37 PART OF THE JAMES MILLER LAND	Wed, Dec 04, 1974

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	CHARLES MILLER	BEDFORD IND. RR	
Building Contractor			
Drilling Contractor	RAY E. ALFORD	MITCHELL IND. RR 2	
Equipment Operator	RAY E. ALFORD	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 200.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:*	*Material:*	*Diameter:*
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 1.0 gpm for 1.0 hrs.
Drawdown: ft. *Static water level:* 34.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 6N *Range:* 1W
Section: SE 1/4 of the SW 1/4 of the NE 1/4 of Section 32 *Topo map:* OOLITIC
Field located by: JRD *on:* Tue, Aug 08, 1978
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: 1800 *Ft N of SL:* *Ft E of WL:* *Ft S of NL:* 2400
Ground elevation: 660.0 *Depth to bedrock:* 42.0 *Bedrock elevation:* 618.0 *Aquifier elevation:*
UTM Easting: 539779.0 *UTM Northing:* 4306928.0

Well Log.

Top	Bottom	Formation
0.0	42.0	SOIL & CLAY
42.0	53.0	HARD GRAY LIME HARD
53.0	64.0	BR BUFF LIME SOFT
64.0	170.0	GRAY LIME MD LITTLE WATER
170.0	174.0	YEL SOAPSTONE LITTLE W
174.0	200.0	HARD WH LIME

Comments MC618; NEIGHBOR VERIFIED

279

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
223325	ACROSS FROM AVOCA FISH HATCHERY	Wed, May 13, 1964

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	EVA CRULS	AVOCA IND.	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	RR 6 BOX 13 BEDFORD IND.	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 166.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 54.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test *Type of test:* *Test rate:* gpm for hrs. *BailTest rate:* 1.5 gpm for hrs.
Drawdown: ft. *Static water level:* 93.0 ft.

Grouting Information *Material:* *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment *Sealing material:* *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 6N *Range:* 1W
Section: NE 1/4 of the NW 1/4 of the SW 1/4 of Section 32 *Topo map:* OOLITIC
Field located by: JCH *on:* Mon, Aug 01, 1966
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* 2450 *Ft E of WL:* 1100 *Ft S of NL:*
Ground elevation: 565.0 *Depth to bedrock:* *Bedrock elevation:* *Aquifier elevation:*
UTM Easting: 539042.0 *UTM Northing:* 4306823.0

Well Log

Top	Bottom	Formation
0.0	24.0	DIRT
24.0	53.0	BOULDERS & MUD HOLES
53.0	104.0	GRAY LS HARD
104.0	139.0	BLUE LS SOFT
139.0	166.0	WH LS HARD

Comments

280

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217287	LOGAN 8 MI N OF BEDFORD ON MONON RR FORMERLY CALL GRAYSON	Wed, Aug 05, 1964

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	CARL HARTMAN	BEDFORD IND. RR 3	
Building Contractor			
Drilling Contractor	FLOYD STULTZ	BEDFORD IND. RR 4	
Equipment Operator	FLOYD STULTZ	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:*	*Pump type:*
	Depth: 220.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 9.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test *Type of test:* *Test rate:* 0.05 gpm for 8.0 hrs. *BailTest rate:* gpm for hrs.
Drawdown: ft. *Static water level:* ft.

Grouting Information *Material:* *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment *Sealing material:* *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 6N *Range:* 1W
Section: NE 1/4 of the NW 1/4 of the SE 1/4 of Section 22 *Topo map:* OOLITIC
Field located by: JCH *on:* Mon, Aug 01, 1966
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* 2800 *Ft E of WL:* 3900 *Ft S of NL:*
Ground elevation: 580.0 *Depth to bedrock:* *Bedrock elevation:* *Aquifer elevation:*
UTM Easting: 543041.0 *UTM Northing:* 4310049.0

Well Log

Top	Bottom	Formation
0.0	9.0	CLAY
9.0	45.0	LS
45.0	220.0	SOAPSTONE

Comments

281

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217292	AT LOGAN OR GRAYSON 7 MI N OF BEDFORD ON RR 3	Mon, Nov 04, 1963

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	IRA SHERRILL	BEDFORD IND. RR 3	
Building Contractor			
Drilling Contractor	FLOYD STULTZ	BEDFORD IND. RR 4	
Equipment Operator	FLOYD STULTZ	License:	

Construction Details

Well	*Use:* STOCK	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 190.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 13.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test *Type of test:* *Test rate:* gpm for hrs. *BailTest rate:* 0.5 gpm for 8.0 hrs.
Drawdown: ft. *Static water level:* 40.0 ft.

Grouting Information *Material:* *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment *Sealing material:* *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 6N *Range:* 1W
Section: SW 1/4 of the SW 1/4 of the NE 1/4 of Section 22 *Topo map:* OOLITIC
Field located by: JCH *on:* Mon, Aug 01, 1966
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* *Ft E of WL:* 2800 *Ft S of NL:* 2200
Ground elevation: 590.0 *Depth to bedrock:* *Bedrock elevation:* 580.0 *Aquifier elevation:*
UTM Easting: 542730.0 *UTM Northing:* 4310207.0

Well Log

Top	Bottom	Formation
0.0	13.0	CLAY
13.0	190.0	SOAPSTONE

Comments MC580

282

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217297	1 MI N OF NEEDMORE ON SR37	Thu, Jul 14, 1960

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	LARRY STEWART	BEDFORD IND. RR 3	
Building Contractor			
Drilling Contractor	FLOYD STULTZ	BEDFORD, IND. RR 4 BOX 72	
Equipment Operator	FLOYD STULTZ	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 175.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 27.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test: *Type of test:* — *Test rate:* gpm for hrs. — *BailTest rate:* gpm for 8.0 hrs.
Drawdown: ft. — *Static water level:* 70.0 ft.

Grouting Information: *Material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Well Abandonment: *Sealing material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Administrative

County: LAWRENCE		*Township:* 6N *Range:* 1W	
Section: NE 1/4 of the SW 1/4 of the NW 1/4 of Section 21			*Topo map:* OOLITIC
Field located by: S & H		*on:* Tue, Nov 01, 1960	
Courthouse location by:		*on:*	
Location accepted w/o verification by:		*on:*	
Subdivision name:		*Lot number:*	
Ft W of EL:	*Ft N of SL:*	*Ft E of WL:*	*Ft S of NL:*
Ground elevation: 615.0	*Depth to bedrock:*	*Bedrock elevation:*	*Aquifier elevation:*
UTM Easting: 540462.0		*UTM Northing:* 4310453.0	

Well Log

Top	Bottom	Formation
0.0	26.0	CLAY
26.0	175.0	LS HARD

Comments: MC590

283

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217317	8 MI N OF BEDFORD RR 4 JUDAH LOGAN RD	Sat, Apr 11, 1964

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	RALPH LUALLEN	BEDFORD IND. RR 4	
Building Contractor			
Drilling Contractor	FLOYD STULTZ	RR 4 BOX 72 BEDFORD INDIANA	
Equipment Operator	FLOYD STULTZ	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 135.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 9.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 0.3 gpm for 8.0 hrs.
Drawdown: ft. *Static water level:* 60.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 6N *Range:* 1W
Section: NW 1/4 of the NE 1/4 of the SW 1/4 of Section 24 *Topo map:* BARTLETTSVILLE
Field located by: JCH *on:* Mon, Aug 01, 1966
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* *Ft E of WL:* 1900 *Ft S of NL:* 2700
Ground elevation: 645.0 *Depth to bedrock:* 10.0 *Bedrock elevation:* 635.0 *Aquifier elevation:*
UTM Easting: 545704.0 *UTM Northing:* 4310119.0

Well Log

Top	Bottom	Formation
0.0	8.0	CLAY
8.0	75.0	LS
75.0	135.0	SOAPSTONE

Comments MC635

284

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217322	FRANK GOODMAN PLACE 7 MI N OF BEDFORD ON LOGAN RD	Fri, Jun 15, 1962

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	CLOYD PRINCE	BEDFORD RR 4	
Building Contractor			
Drilling Contractor	FLOYD STULTZ	RR 4 BOX 72 BEDFORD INDIANA	
Equipment Operator	FLOYD STULTZ	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 90.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 3.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test *Type of test:* *Test rate:* gpm for hrs. *BailTest rate:* 1.0 gpm for 10.0 hrs.
Drawdown: ft. *Static water level:* 30.0 ft.

Grouting Information *Material:* *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment *Sealing material:* *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 6N *Range:* 1W
Section: NE 1/4 of the NW 1/4 of the SW 1/4 of Section 24 *Topo map:* BARTLETTSVILLE
Field located by: U *on:* Mon, Jul 01, 1963
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* 2100 *Ft E of WL:* 700 *Ft S of NL:*
Ground elevation: 690.0 *Depth to bedrock:* *Bedrock elevation:* *Aquifier elevation:*
UTM Easting: 545362.0 *UTM Northing:* 4309955.0

Well Log

Top	Bottom	Formation
0.0	3.0	CLAY
3.0	80.0	HARD LS

Comments MC685

285

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217327	LOGAN COMMUNITY (OR GRAYSON) 8 MI N OF BEDFORD & E OF LITTLE SALT CREEK AT OLD HOUSE SITE	Sat, Aug 24, 1963

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	RALPH ALLEN	BEDFORD RR 4	
Building Contractor			
Drilling Contractor	FLOYD STULTZ	RR 4 BOX 72 BEDFORD INDIANA	
Equipment Operator	FLOYD STULTZ	License:	

Construction Details

Well	*Use:* STOCK	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 100.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 12.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 1.0 gpm for 8.0 hrs.
Drawdown: ft. *Static water level:* 50.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 6N *Range:* 1W
Section: SW 1/4 of the NE 1/4 of the SW 1/4 of Section 24 *Topo map:* BARTLETTSVILLE
Field located by: U *on:* Tue, Oct 01, 1963
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* 1800 *Ft E of WL:* 1500 *Ft S of NL:*
Ground elevation: 655.0 *Depth to bedrock:* *Bedrock elevation:* *Aquifier elevation:*
UTM Easting: 545582.0 *UTM Northing:* 4309918.0

Well Log

Top	Bottom	Formation
0.0	12.0	CLAY
12.0	100.0	HARD LS

Comments MC645: NEIGHBOR

286

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217332	ON THE PEERLESS & JUDAH RD ON R #3 BEDFORD INDIANA	Wed, Jul 08, 1959

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	DON BLACKWELL	R #3 BEDFORD IND.	
Building Contractor			
Drilling Contractor	FLOYD STULTZ	RR 4 BOX 72 BEDFORD INDIANA	
Equipment Operator	FLOYD STULTZ	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 100.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 12.5	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 0.3 gpm for hrs.
Drawdown: ft. *Static water level:* 50.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 6N *Range:* 1W
Section: NE 1/4 of the SE 1/4 of the SW 1/4 of Section 22 *Topo map:* OOLITIC
Field located by: BARNES *on:* Mon, Aug 01, 1960
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* 1000 *Ft E of WL:* 2000 *Ft S of NL:*
Ground elevation: 630.0 *Depth to bedrock:* *Bedrock elevation:* *Aquifier elevation:*
UTM Easting: 542499.0 *UTM Northing:* 4309615.0

Well Log

Top	Bottom	Formation
0.0	12.0	CLAY
12.0	100.0	HARD LS

Comments MC620

Record of Water Well

287

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217671	2MILES SOUTH OF HELTONVILLE AND ABOUT 1/4 MI W OF TODD LANE	Fri, May 04, 1962

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	ROBERT FLEETWOOD	HELTONVILLE	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	RR 6, BEDFORD IN	
Equipment Operator	E. & C. UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 170.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 16.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* gpm for hrs.
Drawdown: ft. *Static water level:* ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 6N *Range:* 1E
Section: SE 1/4 of the SE 1/4 of the NE 1/4 of Section 33 *Topo map:* BARTLETTSVILLE
Field located by: UHL *on:* Sat, Jun 01, 1963
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: 25 *Ft N of SL:* *Ft E of WL:* *Ft S of NL:* 2500
Ground elevation: 670.0 *Depth to bedrock:* 13.0 *Bedrock elevation:* 657.0 *Aquifier elevation:*
UTM Easting: 551623.0 *UTM Northing:* 4306912.0

Well Log

Top	Bottom	Formation
0.0	13.0	DIRT
13.0	170.0	BLUE SHALE

Comments MC660; DRY HOLE

Record of Water Well

288

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217701	4 MI WEST OF HELTONVILLE. 6 MI N.E. OF BEDFORD. ONE QUARTER NORTH OF PLEASANT RUN CHURCH	Fri, Oct 05, 1962

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	EARL M. STIPP	BEDFORD, IND R.R.3	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	BEDFORD IND. RR6	
Equipment Operator	EUGENE & CHARLES UMPHRESS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 140.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 17.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: BAILING *Test rate:* gpm for hrs. *BailTest rate:* gpm for hrs.
Drawdown: ft. *Static water level:* 100.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 6N *Range:* 1E
Section: NW 1/4 of the SW 1/4 of the NE 1/4 of Section 29 *Topo map:* BARTLETTSVILLE
Field located by: UHL *on:* Sat, Jun 01, 1963
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* *Ft E of WL:* 100 *Ft S of NL:* 1400
Ground elevation: 730.0 *Depth to bedrock:* 14.0 *Bedrock elevation:* 716.0 *Aquifer elevation:*
UTM Easting: 548406.0 *UTM Northing:* 4308874.0

Well Log

Top	Bottom	Formation
0.0	5.0	DIRT
5.0	14.0	BROKEN LS & HOLES
14.0	20.0	BLUE LS - HARD
20.0	29.0	WHITE LS - HARD
29.0	50.0	BR LS - SOFT
50.0	75.0	WHITE LS - HARD
75.0	86.0	BLUE LS - HARD
86.0	120.0	WHITE LS - HARD
120.0	126.0	BLUE LS - HARD
126.0	132.0	WHITE LS
132.0	140.0	BLUE LS

Comments MC715

Record of Water Well

289

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217706	8 MILES NORTH EAST OF BEDFORD 2-1/2 MILES SOUTHWEST OF HELTONVILLE	Thu, Aug 04, 1960

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	HAROLD DENISTON	RR 4, BEDFORD IN	
Building Contractor			
Drilling Contractor	PAUL SCOTT	RR 4, BLOOMINGTON	
Equipment Operator	PAUL SCOTT	License:	

Construction Details

Well	*Use:*	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 110.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 12.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 75.0 gpm for 1.0 hrs.
Drawdown: ft. *Static water level:* 16.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 6N *Range:* 1E
Section: SW 1/4 of the NE 1/4 of the NE 1/4 of Section 28 *Topo map:* BARTLETTSVILLE
Field located by: N-3 *on:* Fri, Nov 04, 1960
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: 900 *Ft N of SL:* 2150 *Ft E of WL:* *Ft S of NL:*
Ground elevation: 745.0 *Depth to bedrock:* 12.0 *Bedrock elevation:* 733.0 *Aquifier elevation:*
UTM Easting: 551327.0 *UTM Northing:* 4308943.0

Well Log

Top	Bottom	Formation
0.0	12.0	BLANK
12.0	60.0	GRAY LIME MEDIUM
60.0	110.0	BLUE SOAPSTONE SOFT

Comments MC735

Record of Water Well

290

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217711	3 MILES FROM HELTONVILLE ON PLEASANT RUN ROAD WEST	Mon, Feb 12, 1962

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	HERMAN DECKARD	HELTONVILLE IN	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	RR 6, BEDFORD IN	
Equipment Operator	ERNIE UMPHRESS & SONS	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 100.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 16.5	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 4.0 gpm for hrs.
Drawdown: ft. *Static water level:* 30.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 6N *Range:* 1E
Section: NE 1/4 of the SW 1/4 of the NW 1/4 of Section 28 *Topo map:* BARTLETTSVILLE
Field located by: UHL *on:* Sat, Jun 01, 1963
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: 1500 *Ft N of SL:* *Ft E of WL:* *Ft S of NL:* 1600
Ground elevation: 765.0 *Depth to bedrock:* 15.0 *Bedrock elevation:* 750.0 *Aquifier elevation:*
UTM Easting: 551175.0 *UTM Northing:* 4308824.0

Well Log

Top	Bottom	Formation
0.0	12.0	DIRT
12.0	15.0	LIMESTONE BOULDERS
15.0	40.0	LIMESTONE BLUE HARD
40.0	43.0	LIMESTONE WHITE SOFT
43.0	54.0	LIMESTONE BLUE HARD
54.0	60.0	LIMESTONE BROWN HARD
60.0	76.0	LIMESTONE BLUE HARD
76.0	100.0	SHALE BLUE SOFT

Comments MC750

291

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217608	8 MILES NORTH OF BEDFORD BARTLETTSVILLE ROAD	Thu, Jul 28, 1960

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	ROBERT TURNER	RR 3, BEDFORD IN	
Building Contractor			
Drilling Contractor	PAUL SCOTT	RR 4, BLOOMINGTON IN	
Equipment Operator	PAUL SCOTT	License:	

Construction Details

Well	*Use:* STOCK	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 95.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 11.0	*Material:*	*Diameter:* 6.5
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 60.0 gpm for 0.5 hrs.
Drawdown: ft. *Static water level:* 15.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 6N *Range:* 1E
Section: SW 1/4 of the SW 1/4 of the NW 1/4 of Section 20 *Topo map:* BARTLETTSVILLE
Field located by: HS *on:* Fri, Nov 04, 1960
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* *Ft E of WL:* *Ft S of NL:*
Ground elevation: 535.0 *Depth to bedrock:* *Bedrock elevation:* *Aquifier elevation:*
UTM Easting: 548398.0 *UTM Northing:* 4310285.0

Well Log

Top	Bottom	Formation
0.0	10.0	BLANK
10.0	65.0	BLUE SOAPSTONE SOFT
65.0	95.0	WHITE LIME MEDIUM

Comments MC

Record of Water Well

292

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217613	APP. 1-1/4 MI NE OF PLEASANT RUN CHURCH	Tue, Dec 11, 1962

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	JOHN HEARTH	BEDFORD IN	
Building Contractor			
Drilling Contractor	ERNIE UMPHRESS & SONS	RR 6 ,BEDFORD IN	
Equipment Operator	E. & C. UMPHRESS	License:	

Construction Details

Well	*Use:* STOCK	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 260.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 10.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 0.1 gpm for hrs.
Drawdown: ft. *Static water level:* 155.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 6N *Range:* 1E
Section: SW 1/4 of the SW 1/4 of the SE 1/4 of Section 20 *Topo map:* BARTLETTSVILLE
Field located by: UHB *on:* Sat, Jun 01, 1963
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: 2100 *Ft N of SL:* 150 *Ft E of WL:* *Ft S of NL:*
Ground elevation: 770.0 *Depth to bedrock:* 8.0 *Bedrock elevation:* 762.0 *Aquifer elevation:*
UTM Easting: 549348.0 *UTM Northing:* 4309398.0

Well Log

Top	Bottom	Formation
0.0	5.0	DIRT
5.0	8.0	BOULDERS & HOLES
8.0	20.0	BLUE LIMESTONE HARD
20.0	36.0	GRAY LIMESTONE SOFT
36.0	54.0	BLUE LIMESTONE HARD
54.0	58.0	BROWN LIMESTONE HARD
58.0	63.0	BLUE SHALE SOFT
63.0	76.0	BLUE LIMESTONE HARD
76.0	91.0	BROWN LIMESTONE HARD
91.0	94.0	MUCHY SHALE SOFT
94.0	115.0	GRAY LIMESTONE HARD
115.0	137.0	BLUE LIMESTONE SOFT
137.0	260.0	BLUE SHALE SOFT

Comments MC760

Record of Water Well

293

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217618	BARTLESTTSVILLE & BEDFORD ROAD BAT HOLLOW LAKE	Sat, Feb 08, 1964

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	ROY SCHERSCHEL	RR 3 BEDFORD IN	
Building Contractor			
Drilling Contractor	FLOYD STULTZ	RR 4, BEDFORD IN	
Equipment Operator	FLOYD STULTZ	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 200.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 5.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* -1.0 gpm for 8.0 hrs.
Drawdown: ft. *Static water level:* 150.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 6N *Range:* 1E
Section: NW 1/4 of the SW 1/4 of the NE 1/4 of Section 19 *Topo map:* BARTLETTSVILLE
Field located by: JVH *on:* Mon, Aug 01, 1966
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: 2300 *Ft N of SL:* *Ft E of WL:* *Ft S of NL:* 1600
Ground elevation: 640.0 *Depth to bedrock:* 5.0 *Bedrock elevation:* 635.0 *Aquifier elevation:*
UTM Easting: 547659.0 *UTM Northing:* 4310429.0

Well Log

Top	Bottom	Formation
0.0	5.0	CLAY
5.0	95.0	LIMESTONE
95.0	200.0	SOAPSTONE

Comments MC635:

294

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217623	1 MI SOUTH OF BARLTETT IN ON TOP OF HILL AT HAIR PIN CURVE 160 FT W OF TURN IN ROAD IN FRONT YD OF 3-BD. NEW HOME ABOUT 30' E OF N END OF HOME	Thu, Jun 15, 1961

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	LEBERT STARR	RR 3 BEDFORD IN	
Building Contractor			
Drilling Contractor	ALBERT LENTZ	BOX 83, SMITHVILLE IN	
Equipment Operator	B. ERIE 20W	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 260.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 30.0	*Material:*	*Diameter:* 6.0
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* gpm for hrs.
Drawdown: ft. *Static water level:* ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 6N *Range:* 1E
Section: NW 1/4 of the SW 1/4 of the NE 1/4 of Section 18 *Topo map:* BARTLETTSVILLE
Field located by: UHL *on:* Sat, Jun 01, 1963
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: 2300 *Ft N of SL:* *Ft E of WL:* *Ft S of NL:* 1700
Ground elevation: 610.0 *Depth to bedrock:* *Bedrock elevation:* *Aquifier elevation:*
UTM Easting: 547633.0 *UTM Northing:* 4311958.0

Well Log

Top	Bottom	Formation
0.0	0.0	NO INFORMATION

Comments MC580

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217346	AVOCA	Fri, Apr 02, 1954

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	HILLTOP PENTECOSTAL CHURCH		
Building Contractor			
Drilling Contractor	HOMER ALFORD	RR3 MITHCELL	
Equipment Operator		License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 130.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 30.0	*Material:*	*Diameter:* 5.63
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 1.0 gpm for hrs.
Drawdown: ft. *Static water level:* 30.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 6N *Range:* 1W
Section: 1/4 of the 1/4 of the 1/4 of Section 31 *Topo map:* OOLITIC
Field located by: *on:*
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* *Ft E of WL:* *Ft S of NL:*
Ground elevation: *Depth to bedrock:* *Bedrock elevation:* *Aquifer elevation:*
UTM Easting: 538584.0 *UTM Northing:* 4306798.0

Well Log

Top	Bottom	Formation
0.0	25.0	OVERBURDEN CLAY ROCKS
25.0	30.0	SOLID ROCK
30.0	130.0	LS

Comments WELL HAS RESERVE OF 60 GAL.; SOME SULPHUR WATER 89-90'

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217351	NEAREST TOWN AVOCA	

	Name	*Address*	*Telephone*
Owner-Contractor			
Well Owner	DR. BENHAM		
Building Contractor			
Drilling Contractor	HOMER ALFORD	RR3 MITHCELL	
Equipment Operator		License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 131.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 15.0	*Material:*	*Diameter:* 5.63
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 12.0 gpm for hrs.
Drawdown: ft. *Static water level:* 36.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 6N *Range:* 1W
Section: 1/4 of the 1/4 of the 1/4 of Section 31 *Topo map:* OOLITIC
Field located by: *on:*
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* *Ft E of WL:* *Ft S of NL:*
Ground elevation: *Depth to bedrock:* *Bedrock elevation:* *Aquifer elevation:*
UTM Easting: 538724.0 *UTM Northing:* 4307097.0

Well Log

Top	Bottom	Formation
0.0	12.0	OVERBURDEN CLAY ROCKS
12.0	15.0	SOLID ROCK
15.0	131.0	LS

Comments

Record of Water Well

Indiana Department of Natural Resources

Reference Number
291792

Driving directions to well
4 MI. S.E. BEDFORD

Date completed

Owner-Contractor

	Name	*Address*	*Telephone*
Well Owner	COUNTY PROPERTY	OLD POOR FARM	
Building Contractor			
Drilling Contractor	HOMER ALFORD		
Equipment Operator		License:	

Construction Details

Well	*Use:* DOMESTIC	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 145.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 30.0	*Material:*	*Diameter:* 6.25
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test
Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 2.0 gpm for 6.0 hrs.
Drawdown: ft. *Static water level:* 24.0 ft.

Grouting Information
Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment
Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative
County: LAWRENCE *Township:* 5N *Range:* 1E
Section: 1/4 of the 1/4 of the 1/4 of Section 30 *Topo map:*
Field located by: *on:*
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* *Ft E of WL:* *Ft S of NL:*
Ground elevation: *Depth to bedrock:* 122.0 *Bedrock elevation:* *Aquifier elevation:*
UTM Easting: *UTM Northing:*

Well Log

Top	Bottom	Formation
0.0	23.0	CLAY & BOULDERS
23.0	145.0	LIME

Comments

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
294237	TAKE 50 E TOWARD BEDFORD GO N ON HWY30 AS SOON AS Y0U CROSS WHITE RIVER TURN BACK E (SANDPORT RD) GO TO ICE RD GO N APPROX 2 MI TURN ON (SEE COMMENTS)	Fri, May 26, 1995

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	BILL HENDERSON	2904 TED JONES DR., APT. D, BEDFORD, IN 47421	
Building Contractor			
Drilling Contractor	S&S DRILLING INC.	R1 BOX 507, MONTGOMERY, IN 47558	
Equipment Operator	DEXTER SWARTZENTRUBER	License: 302	

Construction Details

Well	*Use:* HOME	*Drilling method:* ROTARY	*Pump type:*
	Depth: 300.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 30.0	*Material:* PVC	*Diameter:* 6.0
Screen	*Length:* 280.0	*Material:* PVC	*Diameter:* 4.5 *Slot size:*

Well Capacity Test

Type of test: *Test rate:* 1.5 gpm for hrs. *BailTest rate:* gpm for hrs.
Drawdown: ft. *Static water level:* 100.0 ft.

Grouting Information

Material: BNSL *Depth:* from 30.0 to 0.0
Installation Method: PUMP *Number of bags used:* 2.0

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1E
Section: 1/4 of the 1/4 of the 1/4 of Section 29 *Topo map:* BEDFORD EAST
Field located by: *on:*
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* *Ft E of WL:* *Ft S of NL:*
Ground elevation: *Depth to bedrock:* *Bedrock elevation:* *Aquifier elevation:*
UTM Easting: *UTM Northing:*

Well Log

Top	Bottom	Formation
0.0	30.0	CLAY, MUD SEAMS, SAND
30.0	122.0	LIME & LIME BRKS
122.0	300.0	LIME SHALE BRK

Comments

SEE MAP: DEAD END ROAD TO EAST, 1ST HOUSE ON NORTH SD OF RD

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
220914		Wed, Oct 20, 1954

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	ADAMSON	EUREKA	
Building Contractor			
Drilling Contractor	HOMER ALFORD	R3 MITCHELL	
Equipment Operator		License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 161.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 62.0	*Material:*	*Diameter:* 5.62
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 1.5 gpm for 0.5 hrs.
Drawdown: ft. *Static water level:* 70.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W
Section: 1/4 of the 1/4 of the 1/4 of Section 18 *Topo map:* BEDFORD WEST
Field located by: *on:*
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* *Ft E of WL:* *Ft S of NL:*
Ground elevation: *Depth to bedrock:* *Bedrock elevation:* *Aquifier elevation:*
UTM Easting: *UTM Northing:*

Well Log

Top	Bottom	Formation
0.0	62.0	OVERBURDEN,CLAY,BLDRS,LS
62.0	161.0	LS

Comments WELL PUMPED DRY DURING TESPage 9788

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
220909		Thu, Aug 19, 1954

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	MRS. PINKSTON	EUREKA	
Building Contractor			
Drilling Contractor	HOMER ALFORD	R2 MITCHELL	
Equipment Operator		License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* JET	*Pump type:*
	Depth: 164.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 49.5	*Material:*	*Diameter:* 5.62
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 1.0 gpm for 0.5 hrs.
Drawdown: ft. *Static water level:* 76.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W
Section: 1/4 of the 1/4 of the 1/4 of Section 18 *Topo map:* BEDFORD WEST
Field located by: *on:*
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* *Ft E of WL:* *Ft S of NL:*
Ground elevation: *Depth to bedrock:* *Bedrock elevation:* *Aquifer elevation:*
UTM Easting: *UTM Northing:*

Well Log

Top	Bottom	Formation
0.0	49.5	OVERBURDEN,CLAY,BLDRS,LS
49.5	164.0	LS

Comments WELL PUMPED DRY DURING TEST

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
217890	SR158 .5 MI S ON SR450.	Sat, Nov 25, 1967

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	JOHNSON	312 INDIANA AVE, OOLITIC IN	
Building Contractor			
Drilling Contractor	MUMMA DRLG INC.	WASHINGTON & LYONS IN	
Equipment Operator	DEAN K. MUMMA	License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* OTHER	*Pump type:*
	Depth: 186.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:*	*Material:*	*Diameter:* 6.62
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 5.5 gpm for hrs.
Drawdown: ft. *Static water level:* 109.0 ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 5N *Range:* 1W
Section: SE 1/4 of the SW 1/4 of the NE 1/4 of Section 21 *Topo map:* BEDFORD WEST
Field located by: JRD *on:* Wed, Aug 09, 1978
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: 1700 *Ft N of SL:* *Ft E of WL:* *Ft S of NL:* 2100
Ground elevation: 675.0 *Depth to bedrock:* 36.0 *Bedrock elevation:* 639.0 *Aquifier elevation:*
UTM Easting: 541414.0 *UTM Northing:* 4300572.0

Well Log

Top	Bottom	Formation
0.0	36.0	CLAY
36.0	58.0	LIME
58.0	63.0	MUD & BREAKS OF LIME
63.0	158.0	LIME
158.0	180.0	BREAKS OF LIME WATER
180.0	186.0	LIME

Comments MC 639; OWNER VERIFIED 40' N OF HOUSE. 7.7 PH, 0.1 IRON, 20 GRAMS HARDNES;

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
219643	NEAREST TOWN MITCHELL	Fri, Apr 19, 1957

	Name	*Address*	*Telephone*
Owner-Contractor			
Well Owner	HOWARD WOODS		
Building Contractor			
Drilling Contractor	HOMER ALFORD	RR #3 MITCHELL IN	
Equipment Operator		License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 125.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 22.0	*Material:*	*Diameter:* 6.25
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 3.0 gpm for hrs.
Drawdown: ft. *Static water level:* ft.

Grouting Information

Material: *Depth:* from to
Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to
Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 4N *Range:* 1W
Section: 1/4 of the 1/4 of the 1/4 of Section 4 *Topo map:* MITCHELL
Field located by: *on:*
Courthouse location by: *on:*
Location accepted w/o verification by: *on:*
Subdivision name: *Lot number:*
Ft W of EL: *Ft N of SL:* *Ft E of WL:* *Ft S of NL:*
Ground elevation: *Depth to bedrock:* *Bedrock elevation:* *Aquifer elevation:*
UTM Easting: *UTM Northing:*

Well Log

Top	Bottom	Formation
0.0	18.0	OVRBRN CLAY BLDRS BRKN LS
18.0	22.0	SOLID ROCK
22.0	125.0	LS~
125.0	0.0	SOAPSTONE

Comments WELL HAD RESERVE CAP OF 300 GAL: MAY BE IN NAME OF GUS WOODS:

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
219648	BEDFORD	Sat, Jul 07, 1951

	Name	*Address*	*Telephone*
Owner-Contractor			
Well Owner	HARLEY CLARK	OLD HWY 37	
Building Contractor			
Drilling Contractor	HOMER ALFORD	R #3 MITCHELL	
Equipment Operator		License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 108.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:*	*Material:*	*Diameter:* 5.63
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 0.25 gpm for hrs.

Drawdown: ft. *Static water level:* 42.0 ft.

Grouting Information

Material: *Depth:* from to

Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to

Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 4N *Range:* 1W

Section: 1/4 of the 1/4 of the 1/4 of Section 3 *Topo map:* BEDFORD WEST

Field located by: *on:*

Courthouse location by: *on:*

Location accepted w/o verification by: *on:*

Subdivision name: *Lot number:*

Ft W of EL: *Ft N of SL:* *Ft E of WL:* *Ft S of NL:*

Ground elevation: *Depth to bedrock:* *Bedrock elevation:* *Aquifer elevation:*

UTM Easting: *UTM Northing:*

Well Log

Top	Bottom	Formation
0.0	5.0	OVRBRDN CLAY ROCKS BRKN LS
5.0	108.0	LS*

Comments APPROX LOC: WELL HAS 120 GAL RESERVE CAP. MAY BE APPLE ACRES FARM:

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
219653		Sat, Jul 07, 1951

	Name	*Address*	*Telephone*
Owner-Contractor			
Well Owner	HARLEY CLARK	NEW SR 37	
Building Contractor			
Drilling Contractor	HOMER ALFORD	R #3 MITCHELL	
Equipment Operator		License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 131.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 21.0	*Material:*	*Diameter:* 5.63
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test

Type of test: *Test rate:* gpm for hrs. *BailTest rate:* 0.5 gpm for hrs.

Drawdown: ft. *Static water level:* 61.0 ft.

Grouting Information

Material: *Depth:* from to

Installation Method: *Number of bags used:*

Well Abandonment

Sealing material: *Depth:* from to

Installation Method: *Number of bags used:*

Administrative

County: LAWRENCE *Township:* 4N *Range:* 1W

Section: 1/4 of the 1/4 of the 1/4 of Section 3 *Topo map:* BEDFORD WEST

Field located by: *on:*

Courthouse location by: *on:*

Location accepted w/o verification by: *on:*

Subdivision name: *Lot number:*

Ft W of EL: *Ft N of SL:* *Ft E of WL:* *Ft S of NL:*

Ground elevation: *Depth to bedrock:* *Bedrock elevation:* *Aquifier elevation:*

UTM Easting: *UTM Northing:*

Well Log

Top	Bottom	Formation
0.0	17.0	OVRBRDN CLAY ROCKS BRKN LS
17.0	21.0	SOLID ROCK
21.0	131.0	LS*

Comments

APPROX LOC: WELL HAS 100GAL RESERVE CAPPage 9702

Record of Water Well

Indiana Department of Natural Resources

Reference Number	*Driving directions to well*	*Date completed*
219658		Mon, Sep 08, 1952

	Name	*Address*	*Telephone*
Owner-Contractor			
Well Owner	OTHA SMITH	RR #2 MITCHELL ST RD 37 & 50 S	
Building Contractor			
Drilling Contractor	HOMER ALFORD		
Equipment Operator		License:	

Construction Details

Well	*Use:* HOME	*Drilling method:* CABLE TOOL	*Pump type:*
	Depth: 293.0	*Pump setting depth:*	*Water quality:*
Casing	*Length:* 23.0	*Material:*	*Diameter:* 5.63
Screen	*Length:*	*Material:*	*Diameter: Slot size:*

Well Capacity Test — *Type of test:* — *Test rate:* gpm for hrs. — *BailTest rate:* 1.0 gpm for 0.5 hrs.
Drawdown: ft. — *Static water level:* 62.0 ft.

Grouting Information — *Material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Well Abandonment — *Sealing material:* — *Depth:* from to
Installation Method: — *Number of bags used:*

Administrative

County: LAWRENCE — *Township:* 4N *Range:* 1W
Section: 1/4 of the 1/4 of the NE 1/4 of Section 3 — *Topo map:* BEDFORD WEST
Field located by: — *on:*
Courthouse location by: — *on:*
Location accepted w/o verification by: — *on:*
Subdivision name: — *Lot number:*
Ft W of EL: — *Ft N of SL:* — *Ft E of WL:* — *Ft S of NL:*
Ground elevation: — *Depth to bedrock:* — *Bedrock elevation:* — *Aquifier elevation:*
UTM Easting: — *UTM Northing:*

Well Log

Top	Bottom	Formation
0.0	23.0	OVRBRDN CLAY BLDRS BRKN LS
23.0	293.0	LS

Comments APPROX LOC: WELL HAS RESERVE CAP OF 375 GAL. 9.66 ACRES AT HWY Y FIELDLOCATE:

DIVISION OF WATER
DEPARTMENT OF NATURAL RESOURCES, STATE OF INDIANA
STATE OFFICE BUILDING
INDIANAPOLIS, INDIANA 46209
MElrose 3–6757

WATER WELL RECORD

INFORMATION ON WELL LOCATION

County in which well was drilled: Lawrence Civil Township: _____

Congressional township: 5 N Range: 1 W Number of section: 14

(Fill in as completely as possible)

Describe in your own words the well location with respect to nearby towns, roads, streets or distinctive landmarks: Bedford

NOW GM CENTRAL FOUNDRY ?

Name of owner: Bedford Foundry & Machine Co. Address: _____

Name of Well Drilling Contractor: _____

Address: _____

Name of Drilling Equipment Operator: _____

INFORMATION ON THE WELL

Completed depth of well: 130 ft. Date well was completed: 11-53

Diameter of outside casing or drive pipe: 6 Length: 20

Diameter of inside casing or liner: _____ Length: _____

Diameter of Screen: _____ Length: _____ Slot size: _____

Type of Well: Drilled ☐ Gravel Pack ☐ Driven ☐ Other _____

Use of Well: For home ☐ For industry ☐ For public supply ☐ Stock ☐

Method of Drilling: Cable Tools ☐ Rotary ☐ Rev. Rotary ☐ Jet ☐ Driven ☐

Static water level in completed well (Distance from ground to water level) _____ ft.

Bailer Test: Hours tested _____ Rate _____ g.p.m. Drawdown _____ ft. (Difference between static level and water level at end of test)

Pumping Test: Hours tested _____ Rate 5 (est) g.p.m. Drawdown _____ ft.

Signature Roberts

Date USGS

FOR WELL LOG SPACE USE REVERSE SIDE OF THIS SHEET

WATER WELL LOG

FORMATIONS (Color, type of material, hardness, etc.)	From	To
Limestone	20	130

	PPM	EPM
Silica	12	
Iron	.17	.009
Calcium	114	5.689
Magnesium	27	2.220
Sodium	32	1.391
Potassium	1.2	.031
Bicarbonate	334	5.474
Sulfate	134	2.790
Chloride	27	.761
Fluoride	.1	.005
Nitrate	15	.242
pH	7.7	
Colar	1.	
Dissolved Solids	527	
Resideu 180°C	531	
Hardness		
Calcium, Magnesium	396	
Noncarbonate	122	

REMARKS:

58° Water Temp

FOR ADMINISTRATIVE USE ONLY
(Well driller does not i[illegible] out)

COUNTY: Lawrence TWP. 5N RGE. 1W ¼ NW ¼ NE ¼ SEC. 1

Topo Map: Bedford East 7½'

Well log classified By — Date —
Courthouse located By ___ Date ___
Field located By ___ Date ___
Acc. w/o verification By ___ Date ___

___ Ft W of EL. Ground elevation ___
___ Ft N of SL. Depth to bedrock ___
___ Ft E of WL. Bedrock elevation ___
___ Ft S of NL. Aquifer elevation ___

Chem

Machine, Foundry

INSTRUCTIONS

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As specified in Chapter 6 of the Acts of 1959, a copy of this report must be submitted within thirty days after the completion of a well to the Division of Water

[illegible] Jr
[illegible] Bedford.
[illegible] on battlecab.

Oolitic Quad
Reference ID
(47BFR31233)

DIVISION OF WATER RESOURCES
INDIANA DEPARTMENT OF CONSERVATION
311 WEST WASHINGTON STREET
INDIANAPOLIS, INDIANA

WATER WELL RECORD

1

INFORMATION ON WELL LOCATION

County in which well was drilled: Lawrence Civil Township: Shawswick

Congressional township: 5 N. Range: 1 W Number of section: 3

(Fill in as completely as possible) LOT #30

Describe in your own words the well location with respect to nearby towns, roads, streets or distinctive landmarks: East Oolitic - 1 Mile East of Oolitic

Name of owner: Wilmer Hubbard Address: Bedford Ind. RR2

Name of Well Drilling Contractor: ERNIE UMPHRESS + SONS

Address: BEDFORD IND. RR6

Name of Drilling Equipment Operator: Eugene + Charles Umphress

INFORMATION ON THE WELL

Completed depth of well: 100 ft. Date well was completed: 7/26/62

Diameter of outside casing or drive pipe: 6" Length: 20' 6"

Diameter of inside casing or liner: 5 5/8" Length:

Diameter of Screen: Length: Slot size:

Type of Well: Drilled ☑ Gravel Pack ☐ Driven ☐ Other

Use of Well: For home ☑ For industry ☐ For public supply ☐ Stock ☐

Method of Drilling: Cable Tools ☑ Rotary ☐ Rev. Rotary ☐ Jet ☐ Driven ☐

Static water level in completed well (Distance from ground to water level) 40 ft.

Bailer Test: Hours tested Rate 3 g.p.m. Drawdown 60 ft. (Difference between static level and water level at end of test)

Pumping Test: Hours tested Rate g.p.m. Drawdown ft.

Signature Eugene Umphress

Date 7/26/62

FOR WELL LOG SPACE USE REVERSE SIDE OF THIS SHEET

WATER WELL LOG

FORMATIONS (Color, type of material, hardness, etc.)	From	To
DIRT	0	5'
Blue Limestone - Hard	5	13
OPEN Hole	13	14
Blue Limestone - Hard	14	23
Gray " - Soft	23	51
Blue Shale - Soft	51	62
Blue Limestone - Soft	62	79
Blue Shale - Soft	79	105'
REMARKS:		

COUNTY: Lawrence TWP. 5N RGE. 1W NW¼ SE¼ NW¼ SEC. 3

Topo. Map: Oolitic 7½ Loc. accepted w/o verification Yes ___ No ___

El. of grnd. surface at well: 550 Courthouse Loc. By ___ Date ___

Depth to bedrock: ___ Field Located By K Date 7-63

Well Log processed by: ___ Placed in Master Well Log File Date ___

FOR ADMINISTRATIVE USE ONLY
(Well Driller does not fill out)

INSTRUCTIONS

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An accurate location of the well is equally as important as an accurate well log. Please include all information possible in the space provided for well location.

As specified in Chapter 6 of the Acts of 1959, a copy of this report must be submitted within thirty days after the completion of a well to the Division of Water Resources, Indiana Department of Conservation, 311 West Washington Street, Indianapolis, Indiana.

DIVISION OF WATER RESOURCES
INDIANA DEPARTMENT OF CONSERVATION
609 STATE OFFICE BUILDING
INDIANAPOLIS 9, INDIANA

Quad.



WATER WELL RECORD

INFORMATION ON WELL LOCATION

County in which well was drilled: Lawrence Civil Township: Shawswick

Congressional township: LOT-10+11 Range: _____ Number of section: _____

(Fill in as completely as possible)

Describe in your own words the well location with respect to nearby towns, roads, streets or distinctive landmarks: APP. ONE MILE NORTH OF BEDFORD, IND. ONE BLOCK WEST OF PEERLESS ROAD, KNOWN AS WALNUT HEIGHTS (otr)

Name of owner: PHILLIS CHILDERS Address: BEDFORD, IND.

Name of Well Drilling Contractor: ERNIE UMPHRESS & SONS

Address: BEDFORD IND. RR6

Name of Drilling Equipment Operator: EUGENE & CHARLES UMPHRESS

INFORMATION ON THE WELL

Completed depth of well: 200 ft. Date well was completed: 11/30/62

Diameter of outside casing or drive pipe: 6" Length: 9in known

Diameter of inside casing or liner: 5 5/8" Length: Drilled Depth

Diameter of Screen: _____ Length: _____ Slot size: _____

Type of Well: Drilled ☑ Gravel Pack ☐ Driven ☐ Other _____

Use of Well: For home ☑ For industry ☐ For public supply ☐ Stock ☐

Method of Drilling: Cable Tools ☑ Rotary ☐ Rev. Rotary ☐ Jet ☐ Driven ☐

Static water level in completed well (Distance from ground to water level) 135 ft.

Bailer Test: Hours tested _____ Rate 3 g.p.m. Drawdown 65 ft. (Difference between static level and water level at end of test)

Pumping Test: Hours tested _____ Rate _____ g.p.m. Drawdown _____ ft.

Signature Eugene Umphress

Date 11/30/62

FOR WELL LOG SPACE USE REVERSE SIDE OF THIS SHEET

WATER WELL LOG

FORMATIONS (Color, type of material, hardness, etc.)	From	To
Blue Limestone - Hard	100'	108'
Gray " - Soft	108'	130'
Blue Shale - Soft	130'	200'

REMARKS: Old well drilled deeper from 100' to 200'

FOR ADMINISTRATIVE USE ONLY
(Well driller does not fill out)

COUNTY: [illegible] TWP. 5N RGE. 1W ¼ ¼ ¼ SEC. Sec 2

Topo Map: [illegible]

Well log classified By [illegible] Date
Courthouse located By ____ Date ____
Field located By ____ Date ____
Acc. w/o verification By ____ Date 7-63

____ Ft W of EL. Ground elevation ____
____ Ft N of SL. Depth to bedrock ____
____ Ft E of WL. Bedrock elevation ____
____ Ft S of NL. Aquifer elevation ____

NW SW SE SE Sec 3

INSTRUCTIONS

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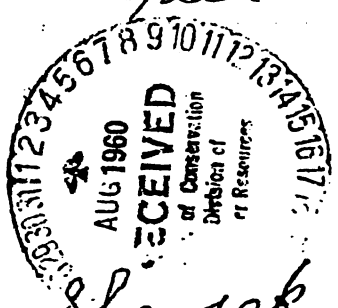
Stallettsville Quad

DIVISION OF WATER RESOURCES
INDIANA DEPARTMENT OF CONSERVATION
311 WEST WASHINGTON STREET
INDIANAPOLIS, INDIANA



WATER WELL RECORD

INFORMATION ON WELL LOCATION

County in which well was drilled: Lawrence Civil Township: Shawnee

Congressional township: _____ Range: _____ Number of section: 2

(Fill in as completely as possible)

Describe in your own words the well location with respect to nearby towns, roads, streets or distinctive landmarks: Bracken Ridge Road one mile north Bedford City Limits

Name of owner: Jessie Stigall Address: Bedford RR 4

Name of Well Drilling Contractor: Paul Scott

Address: RR 4 Bloomington Ind

Name of Drilling Equipment Operator: Paul Scott

INFORMATION ON THE WELL

Completed depth of well: 140 ft. Date well was completed: 7. 21. 60

Diameter of outside casing or drive pipe: 6 in Length: 67 ft.

Diameter of inside casing or liner: 5 5/8 in. Length: _____

Diameter of Screen: _____ Length: _____ Slot size: _____

Type of Well: Drilled ☒ Gravel Pack ☐ Driven ☐ Other _____

Use of Well: For home ☒ For industry ☐ For public supply ☐ Stock ☐

Method of Drilling: Cable Tools ☒ Rotary ☐ Rev. Rotary ☐ Jet ☐ Driven ☐

Static water level in completed well (Distance from ground to water level) _____ ft.

Bailer Test: Hours tested _____ Rate Full g.p.m. Drawdown 0 ft. (Difference between static level and water level at end of test)

Pumping Test: Hours tested _____ Rate _____ g.p.m. Drawdown _____ ft.

Signature Paul Scott

Date 7, 30, 60.

FOR WELL LOG SPACE USE REVERSE SIDE OF THIS SHEET

WATER WELL LOG

FORMATIONS (Color, type of material, hardness, etc.)	From	To
Rustic Buff Lime meidian	6	40
Blue Lime Hard	40	130
Blue Lime Soft	130	140
REMARKS:		

FOR ADMINISTRATIVE USE ONLY
(Well Driller does not fill out)

COUNTY: LAWRENCE TWP. 5N RGE. 1W NE¼ SW¼ SW¼ SEC. 2

Topo. Map: BARTLETTSVILLE 7½ Loc. accepted w/o verification Yes ___ No ___

El. of grnd. surface at well: 670 Courthouse Loc. By ___ Date ___

Depth to bedrock: ___ Field Located By H. S Date 11/4/60

Well Log processed by: PC Placed in Master Well Log File Date ___

INSTRUCTIONS

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As specified in Chapter 6 of the Acts of 1959, a copy of this report must be submitted within thirty days after the completion of a well to the Division of Water Resources, Indiana Department of Conservation, 311 West Washington Street, Indianapolis, Indiana.

Quad.

DIVISION OF WATER RESOURCES
INDIANA DEPARTMENT OF CONSERVATION
311 WEST WASHINGTON STREET
INDIANAPOLIS, INDIANA

FEB 1960 RECEIVED

WATER WELL RECORD

6

INFORMATION ON WELL LOCATION

County in which well was drilled: Lawrence Civil Township: Shawswick

Congressional township: _____ Range: _____ Number of section: _____
(Fill in as completely as possible)

Describe in your own words the well location with respect to nearby towns, roads, streets or distinctive landmarks: Two miles north Bedford Ind. Breckenridge road near Dive School House.
Bahr's Hiland Blk. D, Lot 1
North M St

Name of owner: Howard Elkins Address: RR4. Bedford Ind.

Name of Well Drilling Contractor: Ernie Umphress + Sons

Address: RR6 Box 13 Bedford Ind

Name of Drilling Equipment Operator: Ernie Umphress + Sons

INFORMATION ON THE WELL

was 109 Drilled 41 ft maid

Completed depth of well: 150 ft. Date well was completed: Jan 26 1960

Diameter of outside casing or drive pipe: _____ Length: not known

Diameter of inside casing or liner: 5 5/8 Length: _____

Diameter of Screen: _____ Length: _____ Slot size: _____

Type of Well: Drilled ☒ Gravel Pack ☐ Driven ☐ Other _____

Use of Well: For home ☒ For industry ☐ For public supply ☐ Stock ☐

Method of Drilling: Cable Tools ☒ Rotary ☐ Rev. Rotary ☐ Jet ☐ Driven ☐

Static water level in completed well (Distance from ground to water level) 50 ft.

Bailer Test: Hours tested 1 Rate 3 g.p.m. Drawdown 100 ft. (Difference between static level and water level at end of test)

Pumping Test: Hours tested none Rate _____ g.p.m. Drawdown 100 ft.

Signature Ernie Umphress + Sons

Date Jan 26 1960

FOR WELL LOG SPACE USE REVERSE SIDE OF THIS SHEET

WATER WELL LOG

FORMATIONS (Color, type of material, hardness, etc.)	From	To
White limestone Hard	109	150
REMARKS:		

COUNTY: Lawrence TWP. 5N RGE. 1W ¼ SW ¼ SW ¼ SEC. 2

Topo. Map: Bartlettsville

El. of grnd. surface at well: 700 Loc. accepted w/o verification Yes — No X

Depth to bedrock: — Courthouse Loc. By —

Well Log processed by: Bowers Field Located By Bowers Date 8/66

Placed in Master Well Log File Date 7/66

FOR ADMINISTRATIVE USE ONLY
(Well Driller does not fill out)

INSTRUCTIONS

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As specified in Chapter 6 of the Acts of 1959, a copy of this report must be submitted within thirty days after the completion of a well to the Division of Water Resources, Indiana Department of Conservation, 311 West Washington Street, Indianapolis, Indiana.

Lawrence Quad

DIVISION OF WATER RESOURCES
INDIANA DEPARTMENT OF CONSERVATION
609 STATE OFFICE BUILDING
INDIANAPOLIS 9, INDIANA

RECEIVED OCT 1963 Dept. of Conservation Division of Water Resources

WATER WELL RECORD

INFORMATION ON WELL LOCATION

County in which well was drilled: LAWRENCE Civil Township: SHAWSWICK

Congressional township: 5 Range: 1 WEST Number of section: 1

(Fill in as completely as possible)

Describe in your own words the well location with respect to nearby towns, roads, streets or distinctive landmarks: 1 mile north of Ind. Hiway 58 on Mt. Pleasant Road R.R.4. Bedford Indiana

Name of owner: Guy S. Weaver Address: RR4. Bedford Indiana

Name of Well Drilling Contractor: Ernie Umphress & Sons

Address: Bedford, Ind. RR6

Name of Drilling Equipment Operator: Eugene & Charles Umphress

INFORMATION ON THE WELL

Completed depth of well: 250 ft. Date well was completed: 9/10/63

Diameter of outside casing or drive pipe: 6" Length: 23'

Diameter of inside casing or liner: 5 5/8" Length: 23'

Diameter of Screen: _____ Length: _____ Slot size: _____

Type of Well: Drilled ☑ Gravel Pack ☐ Driven ☐ Other _____

Use of Well: For home ☑ For industry ☐ For public supply ☐ Stock ☐

Method of Drilling: Cable Tools ☑ Rotary ☐ Rev. Rotary ☐ Jet ☐ Driven ☐

Static water level in completed well (Distance from ground to water level) 170 ft.

Bailer Test: Hours tested _____ Rate 5 g.p.m. Drawdown 80 ft. (Difference between static level and water level at end of test)

Pumping Test: Hours tested _____ Rate _____ g.p.m. Drawdown _____ ft.

Signature Eugene Umphress

Date 9/10/63

FOR WELL LOG SPACE USE REVERSE SIDE OF THIS SHEET

WATER WELL LOG

FORMATIONS (Color, type of material, hardness, etc.)	From	To
DIRT	0	4'
BROKEN LIMESTONE	4	17
BLUE " - HARD	17	39
GRAY " - HARD	39	55
BLUE SHALE - SOFT	55	250'

REMARKS:

FOR ADMINISTRATIVE USE ONLY
(Well driller does not fill out)

COUNTY: [illegible] TWP. S-4 RGE. 1 W SE¼ SE¼ NW¼ SEC. 1

Topo Map: [illegible]

Well log classified By [illegible] Date 10/63
Courthouse located By ____ Date ____
Field located By [illegible] Date [illegible]
Acc. w/o verification By ____ Date ____

____ Ft W of EL. Ground elevation 630'
____ Ft N of SL. Depth to bedrock ____
2500 Ft E of WL. Bedrock elevation ____
2600 Ft S of NL. Aquifer elevation ____

INSTRUCTIONS

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As specified in Chapter 6 of the Acts of 1959, a copy of this report must be submitted within thirty days after the completion of a well to the Division of Water Resources, Indiana Department of Conservation.

DIVISION OF WATER RESOURCES
INDIANA DEPARTMENT OF CONSERVATION
609 STATE OFFICE BUILDING
INDIANAPOLIS, INDIANA 46209
MElrose 3-6757

WATER WELL RECORD

INFORMATION ON WELL LOCATION

County in which well was drilled: Lawrence Civil Township: Shawswick

Congressional township: 5 N Range: 1 E Number of section: 5

(Fill in as completely as possible)

Describe in your own words the well location with respect to nearby towns, roads, streets or distinctive landmarks: APP. 3 Miles East of Bedford, Ind. ON U. S. Highway #58

Name of owner: Noel Gene Mitchell Address: Bedford, Ind. RR3

Name of Well Drilling Contractor: Ernie Umphress & Sons

Address: Bedford, Ind. RR6

Name of Drilling Equipment Operator: Eugene & Charles Umphress

INFORMATION ON THE WELL

Completed depth of well: 200 ft. Date well was completed: 1/5/66

Diameter of outside casing or drive pipe: 6" Length: 21.6"

Diameter of inside casing or liner: 5-5/5" Length: 21.6"

Diameter of Screen: _____ Length: _____ Slot size: _____

Type of Well: Drilled ☑ Gravel Pack ☐ Driven ☐ Other _____

Use of Well: For home ☑ For industry ☐ For public supply ☐ Stock ☐

Method of Drilling: Cable Tools ☑ Rotary ☐ Rev. Rotary ☐ Jet ☐ Driven ☐

Static water level in completed well (Distance from ground to water level) 90 ft.

Bailer Test: Hours tested _____ Rate 12 g.p.m. Drawdown 110 ft. (Difference between static level and water level at end of test)

Pumping Test: Hours tested _____ Rate _____ g.p.m. Drawdown _____ ft.

Signature Eugene Umphress

Date 1/8/66

FOR WELL LOG SPACE USE REVERSE SIDE OF THIS SHEET

WATER WELL LOG

FORMATIONS (Color, type of material, hardness, etc.)	From	To
DIRT	0	6'
Boulders & Mud Holes	6	17
Gray Limestone - Hard	17	27
Blue " - "	27	61
Gray " - Soft	61	82
Blue Shale - "	82	85-
Blue Limestone - "	85-	103
Blue Shale - "	103	200'

DIVISION OF WATER RESOURCES
INDIANA DEPARTMENT OF CONSERVATION
609 STATE OFFICE BUILDING
INDIANAPOLIS 9, INDIANA

RECEIVED JAN 1963

WATER WELL RECORD



INFORMATION ON WELL LOCATION

County in which well was drilled: Lawrence Civil Township: Shoalwick

Congressional township: 5 Range: 1 E Number of section: 8

(Fill in as completely as possible)

Describe in your own words the well location with respect to nearby towns, roads, streets or distinctive landmarks: Three miles north-east of Bedford on State road fifty eight

at end for new house; trailer there now

Name of owner: Lawrence Ray Address: RR # 3 Bedford Ind

Name of Well Drilling Contractor: [illegible] Umphress & Sons

Address: Bedford Ind. RR6

Name of Drilling Equipment Operator: Eugene & Charles Umphress

INFORMATION ON THE WELL

Completed depth of well: 100 ft. Date well was completed: 11/27/62

Diameter of outside casing or drive pipe: 6" Length: 31' 6"

Diameter of inside casing or liner: 5 5/8" Length: 31' 6"

Diameter of Screen: _____ Length: _____ Slot size: _____

Type of Well: Drilled ☑ Gravel Pack ☐ Driven ☐ Other _____

Use of Well: For home ☑ For industry ☐ For public supply ☐ Stock ☐

Method of Drilling: Cable Tools ☑ Rotary ☐ Rev. Rotary ☐ Jet ☐ Driven ☐

Static water level in completed well (Distance from ground to water level) 45 ft.

Bailer Test: Hours tested _____ Rate 36 g.p.~~m.~~ H Drawdown 55 ft. (Difference between static level and water level at end of test)

Pumping Test: Hours tested _____ Rate _____ g.p.m. Drawdown _____ ft.

Signature Eugene Umphress

Date 11/27/62

FOR WELL LOG SPACE USE REVERSE SIDE OF THIS SHEET

WATER WELL LOG

FORMATIONS (Color, type of material, hardness, etc.)	From	To
DIRT	0	4'
Blue Limestone - Hard	4	32'
Mud Hole	32	32'6"
Blue Limestone - Hard	32'6"	44'
Gray " - Soft	44'	51'
Blue " - Hard	51'	70'
Blue Shale - Soft	70'	100'

DIVISION OF WATER RESOURCES
INDIANA DEPARTMENT OF CONSERVATION
311 WEST WASHINGTON STREET
INDIANAPOLIS, INDIANA

WATER WELL RECORD

10

INFORMATION ON WELL LOCATION

County in which well was drilled: Lawrence Civil Township: Pleasant View

Congressional township: _____ Range: _____ Number of section: _____

(Fill in as completely as possible)

Describe in your own words the well location with respect to nearby towns, roads, streets or distinctive landmarks: Northeast of Bedford between the Mt. Pleasant Road & Pleasant View Road.

Name of owner: Louis Hicks Address: R.R. 3

Name of Well Drilling Contractor: Floyd Stultz

Address: Bedford Ind. R.R. 4

Name of Drilling Equipment Operator: Floyd Stultz

INFORMATION ON THE WELL

Completed depth of well: 125 ft. Date well was completed: Sept. 15, 1962

Diameter of outside casing or drive pipe: 6 in. Length: 19 ft.

Diameter of inside casing or liner: 5 5/8 Length: 19 ft.

Diameter of Screen: _____ Length: _____ Slot size: _____

Type of Well: Drilled ☑ Gravel Pack ☐ Driven ☐ Other _____

Use of Well: For home ☐ For industry ☐ For public supply ☐ Stock ☑

Method of Drilling: Cable Tools ☑ Rotary ☐ Rev. Rotary ☐ Jet ☐ Driven ☐

Static water level in completed well (Distance from ground to water level) 30 ft.

Bailer Test: Hours tested 8 Rate 20 g.p.m. Drawdown _____ ft. (Difference between static level and water level at end of test)

Pumping Test: Hours tested _____ Rate _____ g.p.m. Drawdown _____ ft.

Signature Floyd Stultz

Date Sept. 15, 1962

FOR WELL LOG SPACE USE REVERSE SIDE OF THIS SHEET

WATER WELL LOG

FORMATIONS (Color, type of material, hardness, etc.)	From	To
19 ft. of clay		
106 ft. of limestone		
REMARKS:		

FOR ADMINISTRATIVE USE ONLY
(Well Driller does not fill out)

COUNTY: LAWRENCE TWP. 5N RGE. 1E SE¼ SW¼ NE¼ SEC. 6

Topo. Map: Bartlett Loc. accepted w/o verification Yes ___ No ___

El. of grnd. surface at well: 775 Courthouse Loc. By ___ Date ___

Depth to bedrock: ___ Field Located By HS Date 11-5

Well Log processed by: PB Placed in Master Well Log File Date 11/15/72

INSTRUCTIONS

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As specified in Chapter 6 of the Acts of 1959, a copy of this report must be submitted within thirty days after the completion of a well to the Division of Water Resources, Indiana Department of Conservation, 311 West Washington Street, Indianapolis, Indiana.

DIVISION OF WATER RESOURCES
INDIANA DEPARTMENT OF CONSERVATION
609 STATE OFFICE BUILDING
INDIANAPOLIS, INDIANA 46209
MElrose 3-6757

WATER WELL RECORD

10

INFORMATION ON WELL LOCATION

County in which well was drilled: Lawrence Civil Township: Shawswick

Congressional township: 5 North Range: 1 East Number of section: 7

(Fill in as completely as possible)

Describe in your own words the well location with respect to nearby towns, roads, streets or distinctive landmarks: App. 3 Miles East of Bedford, Ind on U.S. Highway No. 58 North Side of Road

Name of owner: Robert Watson Address: Bedford, Ind.

Name of Well Drilling Contractor: Ernie Umphress & Sons

Address: Bedford, Ind. RR 6

Name of Drilling Equipment Operator: Eugene & Charles Umphress

INFORMATION ON THE WELL

Completed depth of well: 200 ft. Date well was completed: 8/26/65

Diameter of outside casing or drive pipe: 6" Length: 13'

Diameter of inside casing or liner: 5-5/8" Length: 13'

Diameter of Screen: _____ Length: _____ Slot size: _____

Type of Well: Drilled ☑ Gravel Pack ☐ Driven ☐ Other _____

Use of Well: For home ☑ For industry ☐ For public supply ☐ Stock ☐

Method of Drilling: Cable Tools ☑ Rotary ☐ Rev. Rotary ☐ Jet ☐ Driven ☐

Static water level in completed well (Distance from ground to water level) 40 ft.

Bailer Test: Hours tested _____ Rate 1/2 g.p.m. Drawdown 160 ft. (Difference between static level and water level at end of test)

Pumping Test: Hours tested _____ Rate _____ g.p.m. Drawdown _____ ft.

Eugene Umphress

Signature Robert Watson

Date 8/26/65

FOR WELL LOG SPACE USE REVERSE SIDE OF THIS SHEET

WATER WELL LOG

FORMATIONS (Color, type of material, hardness, etc.)	From	To
DIRT	0	7'
LIMESTONE Boulders	7	14
gRay LIMESTONE - HARD	14	31
BRow " - SOFT	31	50
gRay " - HARD	50	89
Blue " - "	89	125
Blue Shale - SOFT	125	200'

REMARKS:

FOR ADMINISTRATIVE USE ONLY
(Well driller does not fill out)

COUNTY: [illegible] TWP. 5N RGE. 1E SE ¼ NW ¼ NE ¼ SEC. 7

Topo Map: [illegible]

Well log classified By _____ Date _____
Courthouse located By _____ Date _____
Field located By [illegible] Date 8-26
Acc. w/o verification By _____ Date _____

400 Ft W of EL. Ground elevation 630
_____ Ft N of SL. Depth to bedrock _____
_____ Ft E of WL. Bedrock elevation _____
_____ Ft S of NL. Aquifer elevation _____

INSTRUCTIONS

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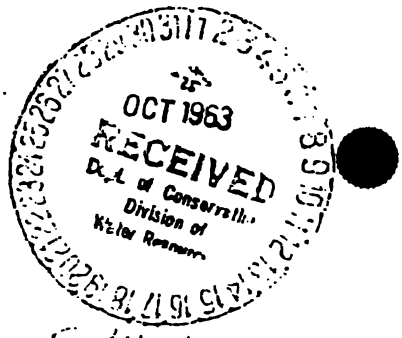
DIVISION OF WATER RESOURCES
INDIANA DEPARTMENT OF CONSERVATION
609 STATE OFFICE BUILDING
INDIANAPOLIS 9, INDIANA



WATER WELL RECORD

INFORMATION ON WELL LOCATION

County in which well was drilled: LAWRENCE Civil Township: SHIELDSBURG

Congressional township: 5 Range: 1E Number of section: 7

(Fill in as completely as possible)

Describe in your own words the well location with respect to nearby towns, roads, streets or distinctive landmarks: 3 MILES EAST OF BEDFORD ON STATE ROAD #58

Name of owner: TERRY NEAL Address: 1321 5TH STREET, BEDFORD

Name of Well Drilling Contractor: ERNIE UMPHRESS SONS

Address: Bedford Ind. RR6

Name of Drilling Equipment Operator: Eugene & Charles UMPHRESS

INFORMATION ON THE WELL

Completed depth of well: 200 ft. Date well was completed: 7/17/63

Diameter of outside casing or drive pipe: 6" Length: 16'

Diameter of inside casing or liner: 5 5/8" Length: 16'

Diameter of Screen: _____ Length: _____ Slot size: _____

Type of Well: Drilled ☑ Gravel Pack ☐ Driven ☐ Other _____

Use of Well: For home ☑ For industry ☐ For public supply ☐ Stock ☐

Method of Drilling: Cable Tools ☑ Rotary ☐ Rev. Rotary ☐ Jet ☐ Driven ☐

Static water level in completed well (Distance from ground to water level) 50 ft.

Bailer Test: Hours tested _____ Rate 1 g.p.m. Drawdown 150 ft. (Difference between static level and water level at end of test)

Pumping Test: Hours tested _____ Rate _____ g.p.m. Drawdown _____ ft.

Signature Eugene Umphress

Date 7/17/63

FOR WELL LOG SPACE USE REVERSE SIDE OF THIS SHEET

WATER WELL LOG

FORMATIONS (Color, type of material, hardness, etc.)	From	To
DIRT	0	8'
Limestone Boulders - Hard	8	12
White Limestone - Soft	12	34
Blue " - Hard	34	78
Gray " - Hard	78	83
Blue " - Hard	83	107
Blue Shale - Soft	107	200'
REMARKS:		

FOR ADMINISTRATIVE USE ONLY
(Well driller does not fill out)

COUNTY: [illegible] TWP. 5 N RGE. 1 E NE ¼ NE ¼ NE ¼ SEC. 7

Topo Map: [illegible]

Well log classified By [illegible] Date [illegible]
Courthouse located By [illegible] Date [illegible]
Field located By [illegible] Date [illegible]
Acc. w/o verification By [illegible] Date [illegible]

200 Ft W of EL. Ground elevation 653
Ft N of SL. Depth to bedrock
Ft E of WL. Bedrock elevation
600 Ft S of NL. Aquifer elevation

INSTRUCTIONS

This Water Well Record form is designed to record the most essential data concerning a water well. We request that you be as accurate as possible in recording this information as it may be of great assistance in the planning and development of new water supplies.

An accurate location of the well is equally as important as an accurate well log. Please include all information possible in the space provided for well location.

As specified in Chapter 6 of the Acts of 1959, a copy of this report must be submitted within thirty days after the completion of a well to the Division of Water Resources, Indiana Department of Conservation.

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1
2640
1056
1320.0

DIVISION OF WATER RESOURCES
INDIANA DEPARTMENT OF CONSERVATION
311 WEST WASHINGTON STREET
INDIANAPOLIS, INDIANA

13

RECEIVED 1959

WATER WELL RECORD

INFORMATION ON WELL LOCATION

County in which well was drilled: Lawrence Civil Township: Shawswick

Congressional township: 5 Range: 1 East Number of section: 7

(Fill in as completely as possible)

Describe in your own words the well location with respect to nearby towns, roads, streets or distinctive landmarks: Located near State Rd 58 east of Bedford about 1½ Miles East of City Limits & Bed Bartlettsville road.

Name of owner: [illegible] Address: [illegible] Bedford Ind

Name of Well Drilling Contractor: [illegible]

Address: [illegible] Bedford Ind

Name of Drilling Equipment Operator: [illegible]

INFORMATION ON THE WELL

Completed depth of well: 155 ft. Date well was completed: July 14 1959

Diameter of outside casing or drive pipe: 6 in Length: 1 ft 10 in

Diameter of inside casing or liner: [illegible] Length:

Diameter of Screen: Length: Slot size:

Type of Well: Drilled ☒ Gravel Pack ☐ Driven ☐ Other

Use of Well: For home ☒ For industry ☐ For public supply ☐ Stock ☒

Method of Drilling: Cable Tools ☒ Rotary ☐ Rev. Rotary ☐ Jet ☐ Driven ☐

Static water level in completed well (Distance from ground to water level) 46 ft.

Bailer Test: Hours tested 1 Rate 24 g.p.m. Drawdown 109 ft. (Difference between static level and water level at end of test)

Pumping Test: Hours tested none Rate ____ g.p.m. Drawdown ____ ft.

Signature Ernie Umphress & Sons

Date July 16 1959

FOR WELL LOG SPACE USE REVERSE SIDE OF THIS SHEET

WATER WELL LOG

FORMATIONS (Color, type of material, hardness, etc.)	From	To
Dirt	0	6
Hard Shelly lime white	6	8
White lime soft	8	115
Blue lime Firm	115	137
Blue Shale soft	137	155
REMARKS:		

COUNTY: Lake TWP. 34N RGE. 7E SW ¼ NE ¼ NE ¼ SEC. 7

Topo. Map: East Chicago

El. of grnd. surface at well: 680 Loc. accepted w/o verification Yes ___ No X

Depth to bedrock: ___ Courthouse Loc. By ___ Date ___

Well Log processed by: Bowser Field Located By Bowser Date 8/67

Placed in Master Well Log File Date 8/67

(Well Driller does not fill out)

INSTRUCTIONS

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As specified in Chapter 6 of the Acts of 1959, a copy of this report must be submitted within thirty days after the completion of a well to the Division of Water Resources, Indiana Department of Conservation, 311 West Washington Street, Indianapolis, Indiana.

DIVISION OF WATER RESOURCES
INDIANA DEPARTMENT OF CONSERVATION
311 WEST WASHINGTON STREET
INDIANAPOLIS, INDIANA

JL 193.

WATER WELL RECORD

INFORMATION ON WELL LOCATION

County in which well was drilled: Lawrence Civil Township: Shawsvick

Congressional township: 5 north Range: 1 (one) Number of section: 18
(Fill in as completely as possible)

Describe in your own words the well location with respect to nearby towns, roads, streets or distinctive landmarks: Southeast quarter of Section 18 Township 5 north, ~~Range~~ Rang 1 at the Northwest corner of said quarter section. South of Leesville gravel road 18 Poles and 17 Links. 2½ miles East of Bedford Ind.

Name of owner: Floyd Wever Address: R R 6

Name of Well Drilling Contractor: [illegible]

Address: [illegible]

Name of Drilling Equipment Operator: [illegible]

INFORMATION ON THE WELL

Completed depth of well: 100 ft. Date well was completed: [illegible]

Diameter of outside casing or drive pipe: 6 Length: 8

Diameter of inside casing or liner: 5 [illegible] Length:

Diameter of Screen: Length: Slot size:

Type of Well: Drilled ☒ Gravel Pack ☐ Driven ☐ Other

Use of Well: For home ☒ For industry ☐ For public supply ☐ Stock ☐

Method of Drilling: Cable Tools ☒ Rotary ☐ Rev. Rotary ☐ Jet ☐ Driven ☐

Static water level in completed well (Distance from ground to water level) 42 ft.

Bailer Test: Hours tested 1 Rate 18 g.p.m. Drawdown 58 ft. (Difference between static level and water level at end of test)

Pumping Test: Hours tested none Rate g.p.m. Drawdown 58 ft.

Signature [illegible]

Date Dec [illegible]

FOR WELL LOG SPACE USE REVERSE SIDE OF THIS SHEET

WATER WELL LOG

FORMATIONS (Color, type of material, hardness, etc.)	From	To
Dirt	0	4
White limestone Hard	4	40
Blue	40	65
White	65	83
Blue shale	83	100
REMARKS:		

COUNTY: LAWRENCE TWP. 5N RGE. 1E SE¼ SW¼ SE¼ SEC. 18

Topo. Map: BEDFORD E 7½ Loc. accepted w/o verification Yes ___ No ___

El. of grnd. surface at well: 660 Courthouse Loc. By ___ Date ___

Depth to bedrock: ___ Field Located By ___ Date ___

Well Log processed by: DFS Placed in Master Well Log File Date ___

FOR ADMINISTRATIVE USE ONLY
(Well Driller does not fill out)

INSTRUCTIONS

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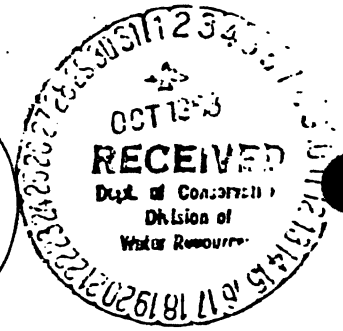
An accurate location of the well is equally as important as an accurate well log. Please include all information possible in the space provided for well location.

As specified in Chapter 6 of the Acts of 1959, a copy of this report must be submitted within thirty days after the completion of a well to the Division of Water Resources, Indiana Department of Conservation, 311 West Washington Street, Indianapolis, Indiana.

DIVISION OF WATER RESOURCES
INDIANA DEPARTMENT OF CONSERVATION
609 STATE OFFICE BUILDING
INDIANAPOLIS 9, INDIANA



WATER WELL RECORD

INFORMATION ON WELL LOCATION

County in which well was drilled: LAWRENCE Civil Township: Shawswick

Congressional township: 5 NORTH Range: 1 EAST Number of section: 18

(Fill in as completely as possible)

Describe in your own words the well location with respect to nearby towns, roads, streets or distinctive landmarks: APP. 1 Mile East of Bedford Ind.

Name of owner: Glenn D. Woody Address: R.R.#6 Bedford, Indiana.

Name of Well Drilling Contractor: Ervin Umphress & Sons

Address: Bedford, Ind.

Name of Drilling Equipment Operator: Eugene & Charles Umphress

INFORMATION ON THE WELL

Completed depth of well: 200 ft. Date well was completed: 8/6/63

Diameter of outside casing or drive pipe: 6" Length: 6'

Diameter of inside casing or liner: 5 3/8" Length: 6'

Diameter of Screen: _____ Length: _____ Slot size: _____

Type of Well: Drilled ☑ Gravel Pack ☐ Driven ☐ Other _____

Use of Well: For home ☑ For industry ☐ For public supply ☐ Stock ☐

Method of Drilling: Cable Tools ☑ Rotary ☐ Rev. Rotary ☐ Jet ☐ Driven ☐

Static water level in completed well (Distance from ground to water level) 100 ft.

Bailer Test: Hours tested _____ Rate 1/2 g.p.m. Drawdown 100 ft. (Difference between static level and water level at end of test)

Pumping Test: Hours tested _____ Rate _____ g.p.m. Drawdown _____ ft.

Signature Glenn Woody

Date 8/6/63

FOR WELL LOG SPACE USE REVERSE SIDE OF THIS SHEET

WATER WELL LOG

FORMATIONS (Color, type of material, hardness, etc.)	From	To
DIRT	0	2½'
Blue Limestone - Hard	2½	23
Gray " - "	23	51
White " - "	51	70
Blue " - "	70	103
Blue Shale - SOFT	103	200'

REMARKS:

FOR ADMINISTRATIVE USE ONLY
(Well driller does not fill out)

COUNTY: _____ TWP. 5N RGE. 12 SW ¼ NE ¼ SE ¼ SEC. 18

Topo Map: _____

Well log classified By _____ Date _____
Courthouse located By _____ Date _____
Field located By _____ Date _____
Acc. w/o verification By _____ Date _____

_____ Ft W of EL. Ground elevation 560
_____ Ft N of SL. Depth to bedrock _____
_____ Ft E of WL. Bedrock elevation _____
_____ Ft S of NL. Aquifer elevation _____

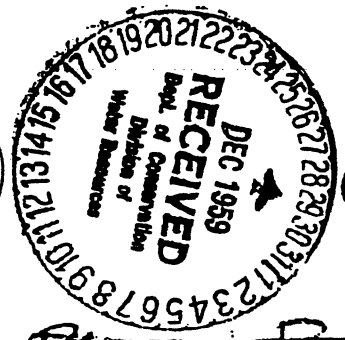
INSTRUCTIONS

This Water Well Record form is designed to record the most essential data concerning a water well. We request that you be as accurate as possible in recording this information as it may be of great assistance in the planning and development of new water supplies.

An accurate location of the well is equally as important as an accurate well log. Please include all information possible in the space provided for well location.

As specified in Chapter 6 of the Acts of 1959, a copy of this report must be submitted within thirty days after the completion of a well to the Division of Water Resources, Indiana Department of Conservation.

DIVISION OF WATER RESOURCES
INDIANA DEPARTMENT OF CONSERVATION
311 WEST WASHINGTON STREET
INDIANAPOLIS, INDIANA



WATER WELL RECORD

10

INFORMATION ON WELL LOCATION

County in which well was drilled: Lawrence Co. Civil Township: Shawswick

Congressional township: _____ Range: _____ Number of section: _____

(Fill in as completely as possible)

Describe in your own words the well location with respect to nearby towns, roads, streets or distinctive landmarks: 2 mi. northeast of Bedford Ind. on U.S. 50

Name of owner: Donald Fish Address: Bedford Ind. RR4

Name of Well Drilling Contractor: Floyd Stultz

Address: Bedford Ind. RR4

Name of Drilling Equipment Operator: Floyd Stultz

INFORMATION ON THE WELL

Completed depth of well: 70 ft. Date well was completed: 10 December, 1959

Diameter of outside casing or drive pipe: 6 in. Length: 14 ft.

Diameter of inside casing or liner: 5 in Length: 14 ft.

Diameter of Screen: _____ Length: _____ Slot size: _____

Type of Well: Drilled ☒ Gravel Pack ☐ Driven ☐ Other _____

Use of Well: For home ☐ For industry ☐ For public supply ☐ Stock ☒

Method of Drilling: Cable Tools ☒ Rotary ☐ Rev. Rotary ☐ Jet ☐ Driven ☐

Static water level in completed well (Distance from ground to water level) _____ ft.

Bailer Test: Hours tested 8 Rate 20 g.p.m. Drawdown _____ ft. (Difference between static level and water level at end of test)

Pumping Test: Hours tested _____ Rate _____ g.p.m. Drawdown _____ ft.

Signature: Floyd Stultz

Date: Dec. 28, 1959

FOR WELL LOG SPACE USE REVERSE SIDE OF THIS SHEET

WATER WELL LOG

FORMATIONS (Color, type of material, hardness, etc.)	From	To
11 ft. Clay		
75 ft. Limestone		

REMARKS:

COUNTY: Jennings TWP. 5N RGE. 1W NW¼ NW¼ SE¼ SEC. 1

Topo. Map: Bartlettsville Loc. accepted w/o verification Yes — No —

El. of grnd. surface at well: Not Given Courthouse Loc. By ____ Date ____

Depth to bedrock: ____ Field Located By Owner Date 8/60

Well Log processed by: H. C. Kost Placed in Master Well Log File Date ____

FOR ADMINISTRATIVE USE ONLY
(Well Driller does not fill out)

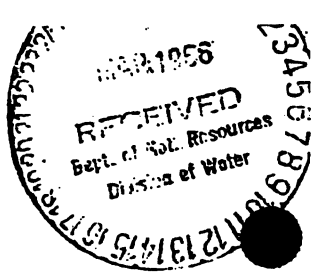
INSTRUCTIONS

This Water Well Record form is designed to record the most essential data concerning a water well. We request that you be as accurate as possible in recording this information as may be of great assistance in the planning and development of new water supplies.

An accurate location of the well is equally as important as an accurate well log. Please include all information possible in the space provided for well location.

As specified in Chapter 6 of the Acts of 1959, a copy of this report must be submitted within thirty days after the completion of a well to the Division of Water Resources, Indiana Department of Conservation, 311 West Washington Street, Indianapolis, Indiana.

DIVISION OF WATER RESOURCES
INDIANA DEPARTMENT OF CONSERVATION
311 WEST WASHINGTON STREET
INDIANAPOLIS, INDIANA



WATER WELL RECORD

INFORMATION ON WELL LOCATION

County in which well was drilled: Lawrence Civil Township: Shawswick

Congressional township: 5 Range: 1 - W Number of section: 21
(Fill in as completely as possible)

Describe in your own words the well location with respect to nearby towns, roads, streets or distinctive landmarks: West of Bedford 1 mi
1½ mi South on Williams Road east side

Name of owner: Gordon Lee Hamilton Address: Bedford RR

Name of Well Drilling Contractor: Ray E Alford

Address: Mitchell RR 1

Name of Drilling Equipment Operator: Samuel Crowe

INFORMATION ON THE WELL

Completed depth of well: 150 Ft. Date well was completed: Sept 25 - 65

Diameter of outside casing or drive pipe: 6 5/8 Length: 39½

Diameter of inside casing or liner: 6¼ Length: 39½

Diameter of Screen: _____ Length: _____ Slot size: _____

Type of Well: Drilled ☒ Gravel Pack ☐ Driven ☐ Other _____

Use of Well: For home ☒ For industry ☐ For public supply ☐ Stock ☐

Method of Drilling: Cable Tools ☒ Rotary ☐ Rev. Rotary ☐ Jet ☐ Driven ☐

Static water level in completed well (Distance from ground to water level) 76 Ft.

Bailer Test: Hours tested _____ Rate 1 g.p.m. Drawdown 6 Ft. (Difference between static level and water level at end of test)

Pumping Test: Hours tested _____ Rate _____ g.p.m. Drawdown _____ Ft.

Signature Ray E Alford

Date Sept 25 - 65

FOR WELL LOG SPACE USE REVERSE SIDE OF THIS SHEET

WATER WELL LOG

FORMATIONS (Color, type of material, hardness, etc.)	From	To
Clay	0	50
Soft Lime	50	60
Lime	60	140
Med Lime	140	155
Hard "	155	179
REMARKS:		

COUNTY: Lawrence TWP. 5N RGE. 1W ¼ SW ¼ NE ¼ SEC. 21

Topo Map: Bedford West 22

Well log classified By [illegible] Date ____

Courthouse located By ____ Date ____

Field located By [illegible] Date 2-[illegible]

Acc. w/o verification By ____ Date ____

2450 Ft W of EL. Ground elevation 615

____ Ft N of SL. Depth to bedrock 50

____ Ft E of WL. Bedrock elevation 615

2502 Ft S of NL. Aquifer elevation ____

(Well driller does not fill out)

INSTRUCTIONS

This Water Well Record form is designed to record the most essential data concerning a water well. We request that you be as accurate as possible in recording this information as it may be of great assistance in the planning and development of new water supplies.

An accurate location of the well is equally as important as an accurate well log. Please include all information possible in the space provided for well location.

As specified in Chapter 6 of the Acts of 1959, a copy of this report must be submitted within thirty days after the completion of a well to the Division of Water

DIVISION OF WATER RESOURCES
INDIANA DEPARTMENT OF CONSERVATION
311 WEST WASHINGTON STREET
INDIANAPOLIS, INDIANA

DEC 1963
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Division of
Water Resources

18

WATER WELL RECORD

INFORMATION ON WELL LOCATION

ty in which well was drilled: Lawrence Civil Township: Shawwick

ressional township: _____ Range: _____ Number of section: _____

(Fill in as completely as possible)

ribe in your own words the well location with respect to nearby towns, roads, streets

listinctive landmarks: From Bedford Going West on 16th St Turn Left on 450. Go Approx ½ Mi Turn Left at 2nd curve.

ne of owner: Gene Bex Address: _____

me of Well Drilling Contractor: Louie O. Smith

dress: RH 1 Bedford

ame of Drilling Equipment Operator: Same

INFORMATION ON THE WELL

ompleted depth of well: 170 ft. Date well was completed: Dec. 9, 1963

Diameter of outside casing or drive pipe: 6¼ Length: 48

Diameter of inside casing or liner: _____ Length: _____

Diameter of Screen: _____ Length: _____ Slot size: _____

Type of Well: Drilled ☒ Gravel Pack ☐ Driven ☐ Other _____

Use of Well: For homes ☒ For industry ☐ For public supply ☐ Stock ☐

Method of Drilling: Cable Tools ☒ Rotary ☐ Rev. Rotary ☐ Jet ☐ Driven ☐

Static water level in completed well (Distance from ground to water level) 95 ft.

Bailer Test: Hours tested 2 Rate 5 g.p.m. Drawdown 163 ft. (Difference between static level and water level at end of test)

Pumping Test: Hours tested _____ Rate _____ g.p.m. Drawdown _____ ft.

Signature Louie O. Smith

Date Dec. 14, 1963

FOR WELL LOG SPACE USE REVERSE SIDE OF THIS SHEET

WATER WELL LOG

FORMATIONS (Color, type of material, hardness, etc.)	From	To
clay	0	16
Broken Lime	16	38
Lime	38	75
Hard Lime	75	81
Soft Lime	81	135
REMARKS:		

COUNTY: Lawrence TWP. 5N RGE. 13W ¼ SW ¼ NE ¼ SEC. 21

Topo Map: Bedford West

Well log classified By ZLL Date 7/20

Courthouse located By ___ Date ___

Field located By VLL Date 8-17-71

Acc. w/o verification By ___ Date ___

FOR ADMINISTRATIVE USE ONLY
(Well driller does not fill out)

2200 Ft W of EL. Ground elevation 680'

___ Ft N of SL. Depth to bedrock 16

Ft E of WL. Bedrock elevation 614

1618 Ft S of NL. Aquifer elevation ___

OPTIONAL

INSTRUCTIONS

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As specified in Chapter 6 of the Acts of 1959, a copy of this report must be submitted within thirty days after the completion of a well to the Division of Water

DIVISION OF WATER
DEPARTMENT OF NATURAL RESOURCES, STATE OF INDIANA
STATE OFFICE BUILDING
INDIANAPOLIS, INDIANA 46209
MElrose 3-6757

WATER WELL RECORD

INFORMATION ON WELL LOCATION

County in which well was drilled: Lawrence Civil Township: Shawnick

Congressional township: _____ Range: _____ Number of section: _____

Describe in your own words the well location with respect to nearby towns, roads, streets or distinctive landmarks: (Fill in as completely as possible)
From Bedford ~~town~~ going about 2 mi
Turn left on 450 go about ½ mi to Bef Lots.
well be 4th house on Right

Name of owner: Glen Craig Address: Bedford

Name of Well Drilling Contractor: Sam O Smith

Address: RR 1 Bedford

Name of Drilling Equipment Operator: Sam

INFORMATION ON THE WELL

Completed depth of well: 175 ft. Date well was completed: May 13, 1965

Diameter of outside casing or drive pipe: 6¼ Length: 52'

Diameter of inside casing or liner: _____ Length: _____

Diameter of Screen: _____ Length: _____ Slot size: _____

Type of Well: Drilled ☑ Gravel Pack ☐ Driven ☐ Other _____

Use of Well: For home ☑ For industry ☐ For public supply ☐ Stock ☐

Method of Drilling: Cable Tools ☑ Rotary ☐ Rev. Rotary ☐ Jet ☐ Driven ☐

Static water level in completed well (Distance from ground to water level) 125 ft.

Bailer Test: Hours tested 2 Rate 2 g.p.m. Drawdown 120 ft. (Difference between static level and water level at end of test)

Pumping Test: Hours tested ____ Rate ____ g.p.m. Drawdown ____ ft.

Signature Sam O. Smith

Date May 18, 1968

FOR WELL LOG SPACE USE REVERSE SIDE OF THIS SHEET

WATER WELL LOG

FORMATIONS (Color, type of material, hardness, etc.)	From	To
Clay	0	20
Brown clay	20	22
shell	22	30
hard lime	30	47
soft	47	52
hard lime	52	85
med lime	85	165
hard lime	165	175

REMARKS:

COUNTY: [illegible] TWP. 51 RGE. 15 SE ¼ SW ¼ NE ¼ SEC. 21

Topo Map: [illegible]

Well log classified By [illegible] Date ____

Courthouse located By ____ Date ____

Field located By [illegible] Date [illegible]

Acc. w/o verification By ____ Date ____

FOR ADMINISTRATIVE USE ONLY
(Well driller does not fill out)

1665 Ft W of EL. Ground elevation 670+

____ Ft N of SL. Depth to bedrock 175

2155 Ft E of WL. Bedrock elevation 645

____ Ft S of NL. Aquifer elevation ____

MC

Bck

INSTRUCTIONS

This Water Well Record form is designed to record the most essential data concerning a water well. We request that you be as accurate as possible in recording this information as it may be of great assistance in the planning and development of new water supplies.

An accurate location of the well is equally as important as an accurate well log. Please include all information possible in the space provided for well location.

As specified in Chapter 6 of the Acts of 1959, a copy of this report must be submitted within thirty days after the completion of a well to the Division of Water

FC

WATER WELL LOG

ORMATIONS (Color, type of material, hardness, etc.)	From	To
	0	36
Clay	36	58
Lime	58	63
Mud & Breaks of Lime	63	158
Lime	158	180
Breaks of Lime Water	180	186
Lime		
7.7 PH.		
0.1 Iron		
20 grams hardest		
Well is 35 ft. from house		
The well was Switched		
Set pump 175 ft.		
REMARKS:		

COUNTY: Lawrence TWP. 5N RGE. 1W SE ¼ SW ¼ NE ¼ SEC. 21

Topo Map: Bedford West ½

Well log classified By [illegible] Date 2/62

Courthouse located By [illegible] Date 8-9-76

Field located By [illegible] Date

Acc. w/o verification By [illegible] Date

FOR ADMINISTRATIVE USE ONLY
(Well driller does not fill out)

1700 Ft W of EL. Ground elevation 675'

Ft N of SL. Depth to bedrock 36

Ft E of WL. Bedrock elevation 639

2100 Ft S of NL. Aquifer elevation

Owner Varified 40 ft. North of House

INSTRUCTIONS

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As specified in Chapter 6 of the Acts of 1959, a copy of this report must be submitted within thirty days after the completion of a well to the Division of Water

DIVISION OF WATER
DEPARTMENT OF NATURAL RESOURCES, STATE OF INDIANA
STATE OFFICE BUILDING
INDIANAPOLIS, INDIANA 46209
MElrose 3-6757

WATER WELL RECORD

NO T or R

INFORMATION ON WELL LOCATION

County in which well was drilled: LAWRENCE Civil Township: _____

Congressional township: _____ Range: _____ Number of section: _____

(Fill in as completely as possible)

Describe in your own words the well location with respect to nearby towns, roads, streets or distinctive landmarks: S.R. 158 1/2 Mile South on S.R. 450

?

maybe Section 21
SW 1/4

Name of owner: ~~Lenny D. McGee~~ Johnson Address: 312 Indiana Ave. Oolitic, Ind

Name of Well Drilling Contractor: MUMMA DRILLING, INC.

Address: Washington & Lyons, Indiana

Name of Drilling Equipment Operator: Dean K. Mumma

INFORMATION ON THE WELL

Completed depth of well: 186 ft. Date well was completed: 11-25-67

Diameter of outside casing or drive pipe: 6 5/8 Length: 65 ft.

Diameter of inside casing or liner: _____ Length: _____

Diameter of Screen: _____ Length: _____ Slot size: _____

Type of Well: Drilled ☒ Gravel Pack ☐ Driven ☐ Other _____

Use of Well: For home ☒ For industry ☐ For public supply ☐ Stock ☐

Method of Drilling: Cable Tools ☐ Air Rotary ☒ Rev. Rotary ☐ Jet ☐ Driven ☐

Static water level in completed well (Distance from ground to water level) 100 ft.

Bailer Test: Hours tested _____ Rate 5½ g.p.m. Drawdown 185 ft. (Difference between static level and water level at end of test)

Pumping Test: Hours tested _____ Rate _____ g.p.m. Drawdown _____ ft.

Signature Rufus J. Mumma, Secretary

Date 12-4-67

FOR WELL LOG SPACE USE REVERSE SIDE OF THIS SHEET

DIVISION OF WATER
DEPARTMENT OF NATURAL RESOURCES, STATE OF INDIANA
STATE OFFICE BUILDING
INDIANAPOLIS, INDIANA 46209
MElrose 3-6757

WATER WELL RECORD

INFORMATION ON WELL LOCATION

County in which well was drilled: Lawrence Civil Township: Shawswick

Congressional township: _____ Range: _____ Number of section: _____

(Fill in as completely as possible)

Describe in your own words the well location with respect to nearby towns, roads, streets or distinctive landmarks: From Bedford Going West on 16th Turn Left on 450 Go Approx. 1/4 Mi. 1st Road Left (Bexidion)

Name of owner: Warren Wilman Address: R#1 Bedford.

Name of Well Drilling Contractor: Louie Smith

Address: R#1 Bedford

Name of Drilling Equipment Operator: Same

INFORMATION ON THE WELL

Completed depth of well: 135 ft. Date well was completed: June 19, 1970

Diameter of outside casing or drive pipe: 6 1/4 Length: 42

Diameter of inside casing or liner: _____ Length: _____

Diameter of Screen: _____ Length: _____ Slot size: _____

Type of Well: Drilled ☒ Gravel Pack ☐ Driven ☐ Other _____

Use of Well: For home ☒ For industry ☐ For public supply ☐ Stock ☐

Method of Drilling: Cable Tools ☒ Rotary ☐ Rev. Rotary ☐ Jet ☐ Driven ☐

Static water level in completed well (Distance from ground to water level) 75 ft.

Bailer Test: Hours tested 2 Rate 15 g.p.m. Drawdown 120 ft. (Difference between static level and water level at end of test)

Pumping Test: Hours tested _____ Rate _____ g.p.m. Drawdown _____ ft.

Signature Louie D. Smith

Date June 19, 1970

FOR WELL LOG SPACE USE REVERSE SIDE OF THIS SHEET

WATER WELL LOG

ATIONS (Color, type of material, hardness, etc.)	From	To
red soil	0	20
Brown clay	20	25
Shale	25	27
Hard lime	27	29
Lime	30	40
Brown	40	41
Hard lime	41	60
Hard lime white	60	125
Hard lime	125	130
Lime stone	130	170

DIVISION OF WATER
DEPARTMENT OF NATURAL RESOURCES, STATE OF INDIANA
STATE OFFICE BUILDING
INDIANAPOLIS, INDIANA 46209
MElrose 3-6757

WATER WELL RECORD

INFORMATION ON WELL LOCATION

County in which well was drilled: Lawrence Civil Township: _____

Congressional township: Lawrence Range: _____ Number of section: _____

(Fill in as completely as possible)

Describe in your own words the well location with respect to nearby towns, roads, streets or distinctive landmarks: From Bedford going west Turn left on 450 go appro 1/2 mile Stone house on left. (Thomas Chestnut place)

Name of owner: Thomas Chestnut Address: R# 1 Bedford

Name of Well Drilling Contractor: Jamie Smith

Address: R#1 Bedford

Name of Drilling Equipment Operator: Same

INFORMATION ON THE WELL

Completed depth of well: 179 ft. Date well was completed: Dec 15, 1968

Diameter of outside casing or drive pipe: _____ Length: _____

Diameter of inside casing or liner: 6 1/4 Length: 60

Diameter of Screen: _____ Length: _____ Slot size: _____

Type of Well: Drilled ☒ Gravel Pack ☐ Driven ☐ Other _____

Use of Well: For home ☒ For industry ☐ For public supply ☐ Stock ☐

Method of Drilling: Cable Tools ☒ Rotary ☐ Rev. Rotary ☐ Jet ☐ Driven ☐

Static water level in completed well (Distance from ground to water level) 130 ft.

Bailer Test: Hours tested 2 Rate 1 1/2 g.p.m. Drawdown 177 ft. (Difference between static level and water level at end of test)

Pumping Test: Hours tested _____ Rate _____ g.p.m. Drawdown _____ ft.

Signature Jamie E. Smith

Date Dec 23, 1968

FOR WELL LOG SPACE USE REVERSE SIDE OF THIS SHEET

WATER WELL LOG

FORMATIONS (Color, type of material, hardness, etc.)	From	To
Sand & clay free Bolders	0	39
Gray Lime	39	166
White Lime	166	150

REMARKS:

FOR ADMINISTRATIVE USE ONLY
(Well Driller does not fill out)

COUNTY: Lawrence TWP. 5N RGE. 1W NW¼SW¼NE¼ SEC. 21

1700 2500 W 9 EL

Topo. Map: Bedford West Loc. accepted w/o verification Yes No

El. of grnd. surface at well: 650 Courthouse Loc. By Date

Depth to bedrock: 40 Field Located By Date

Well log processed by: DL 5-11 Placed in Master Well Log File Date 8-66

BR 610

INSTRUCTIONS

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An accurate location of the well is equally as important as an accurate well log. Please include all information possible in the space provided for well location.

As specified in Chapter 6 of the Acts of 1959, a copy of this report must be submitted within thirty days after the completion of a well to the Division of Water Resources, Indiana Department of Conservation, 311 West Washington Street, Indianapolis, Indiana.

DIVISION OF WATER
DEPARTMENT OF NATURAL RESOURCES, STATE OF INDIANA
STATE OFFICE BUILDING
INDIANAPOLIS, INDIANA 46209
MElrose 3-6757

WATER WELL RECORD

RECEIVED JUN 1968 DEPT. OF NATURAL RESOURCES DIVISION OF WATER

INFORMATION ON WELL LOCATION

County in which well was drilled: Lawrence Civil Township: Shawswick

Congressional township: _____ Range: _____ Number of section: _____

(Fill in as completely as possible)

Describe in your own words the well location with respect to nearby towns, roads, streets or distinctive landmarks: From Bedford going west turn left on SR 450 go about 1/2 mi turn left at Bexes homesites 1st house on left

Name of owner: Roy Baker Address: R 1 Bedford

Name of Well Drilling Contractor: Louie O. Smith

Address: R#1 Bedford

Name of Drilling Equipment Operator: Same

INFORMATION ON THE WELL

Completed depth of well: 145 ft. Date well was completed: Nov. 17, 1967

Diameter of outside casing or drive pipe: 6 1/4 Length: 45'

Diameter of inside casing or liner: _____ Length: _____

Diameter of Screen: _____ Length: _____ Slot size: _____

Type of Well: Drilled ☑ Gravel Pack ☐ Driven ☐ Other _____

Use of Well: For home ☑ For industry ☐ For public supply ☐ Stock ☐

Method of Drilling: Cable Tools ☑ Rotary ☐ Rev. Rotary ☐ Jet ☐ Driven ☐

Static water level in completed well (Distance from ground to water level) _____ ft.

Bailer Test: Hours tested 1 Rate 8 g.p.m. Drawdown 95 ft. (Difference between static level and water level at end of test)

Pumping Test: Hours tested _____ Rate _____ g.p.m. Drawdown 135 ft.

Signature Louie O. Smith

Date Nov. 20, 1967

FOR WELL LOG SPACE USE REVERSE SIDE OF THIS SHEET

FOR ADMINISTRATIVE USE ONLY
(Well Driller does not fill out)

COUNTY: Lawrence TWP. SN RGE. 1W NE¼ SW¼ SW¼ SEC. 21

Topo. Map: Bedford West Loc. accepted w/o verification Yes ___ No ___

El. of grnd. surface at well: ___ Courthouse Loc. By ___ Date ___

Depth to bedrock: ___ Field Located By JVH Date 8-6-6

Well Log processed by: [illegible] 4/64 Placed in Master Well Log File Date ___

WATER WELL LOG

...ATIONS (Color, type of material, hardness, etc.)	From	To
clay	0	35
White Lime	35	41
Shell	41	44
Lime	44	120
Soft Shell	123	125
Hard Lime	125	135

REMARKS:

INSTRUCTIONS

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DIVISION OF WATER RESOURCES
INDIANA DEPARTMENT OF CONSERVATION
311 WEST WASHINGTON STREET
INDIANAPOLIS, INDIANA

23

WATER WELL RECORD

INFORMATION ON WELL LOCATION

County in which well was drilled: Lawrence Civil Township: SHARWICK

Congressional township: _____ Range: _____ Number of section: _____

(Fill in as completely as possible)

Describe in your own words the well location with respect to nearby towns, roads, streets or distinctive landmarks: From Bedford going west turn Lefton 450 to 1st House on Left.

Donald Tirey

Name of owner: Wayne Tirey Address: R#1 Bedford

Name of Well Drilling Contractor: Louie O. Smith

Address: R#1 Bedford

Name of Drilling Equipment Operator: - Same -

INFORMATION ON THE WELL

Completed depth of well: 150 ft. Date well was completed: Nov. 6, 1961

Diameter of outside casing or drive pipe: 6 1/4 Length: 32'

Diameter of inside casing or liner: _____ Length: _____

Diameter of Screen: _____ Length: _____ Slot size: _____

Type of Well: Drilled ☒ Gravel Pack ☐ Driven ☐ Other _____

Use of Well: For home ☒ For industry ☐ For public supply ☐ Stock ☐

Method of Drilling: Cable Tools ☒ Rotary ☐ Rev. Rotary ☐ Jet ☐ Driven ☐

Static water level in completed well (Distance from ground to water level) 100 ft.

Bailer Test: Hours tested 1 Rate 1 g.p.m. Drawdown _____ ft. (Difference between static level and water level at end of test)

Pumping Test: Hours tested _____ Rate _____ g.p.m. Drawdown _____ ft.

Signature Louie O. Smith

Date ~~R#1 B~~ Dec. 30 1961

FOR WELL LOG SPACE USE REVERSE SIDE OF THIS SHEET

WATER WELL LOG

IONS (Color, type of material, hardness, etc.)	From	To
Clay	0	40
Shale	41	44
Lime	44	120
Soft	123	125
Lime	125	175

REMARKS:

FOR ADMINISTRATIVE USE ONLY
(Well Driller does not fill out)

900 N 7 St
850 E 4 WL

COUNTY: Lawrence TWP. 5 N RGE. 1 W NE¼ SW¼ SW¼ SEC. 21

Topo. Map: Bedford W Loc. accepted w/o verification Yes ___ No ___

El. of grnd. surface at well: 600 Courthouse Loc. By ___ Date ___

Depth to bedrock: 40 Field Located By [illegible] Date 8-66

Well Log processed by: [illegible] 2/6 Placed in Master Well Log File Date ___

BR 560

INSTRUCTIONS

This Water Well Record form is designed to record the most essential data concerning a water well. We request that you be as accurate as possible in recording this information as it may be of great assistance in the planning and development of new water supplies.

An accurate location of the well is equally as important as an accurate well log. Please include all information possible in the space provided for well location.

As specified in Chapter 6 of the Acts of 1959, a copy of this report must be submitted within thirty days after the completion of a well to the Division of Water Resources, Indiana Department of Conservation, 311 West Washington Street, Indianapolis, Indiana.

DIVISION OF WATER RESOURCES
INDIANA DEPARTMENT OF CONSERVATION
311 WEST WASHINGTON STREET
INDIANAPOLIS, INDIANA

RECEIVED
DEC 1959
Dept. of Conservation
Division of
Water Resources

WATER WELL RECORD

Lawrence Co

INFORMATION ON WELL LOCATION

County in which well was drilled: ~~Pleasant Run~~ Civil Township: ~~Pleasant~~

Congressional township: _____ Range: _____ Number of section: _____

(Fill in as completely as possible)

Describe in your own words the well location with respect to nearby towns, roads, streets or distinctive landmarks: 1 3mi. northeast of Bedford Ind. on Mt. Pleasant Road.

Name of owner: Elmer Fisk Address: Bedford Ind RR4

Name of Well Drilling Contractor: Floyd Stultz

Address: Bedford Ind RR4

Name of Drilling Equipment Operator: Floyd Stultz

INFORMATION ON THE WELL

Completed depth of well: 86 ft. Date well was completed: Dec. 22nd-1959

Diameter of outside casing or drive pipe: 6 inches Length: 11 ft.

Diameter of inside casing or liner: 5 5/8 Length: 11 ft.

Diameter of Screen: _____ Length: _____ Slot size: _____

Type of Well: Drilled ☐ Gravel Pack ☐ Driven ☐ Other _____

Use of Well: For home ☐ For industry ☐ For public supply ☐ Stock ☒

Method of Drilling: Cable Tools ☒ Rotary ☐ Rev. Rotary ☐ Jet ☐ Driven ☐

Static water level in completed well (Distance from ground to water level) _____ ft.

Bailer Test: Hours tested _____ Rate _____ g.p.m. Drawdown _____ ft. (Difference between static level and water level at end of test)

Pumping Test: Hours tested _____ Rate _____ g.p.m. Drawdown _____ ft.

Signature: Floyd Stultz

Date Dec. 28, 1959

FOR WELL LOG SPACE USE REVERSE SIDE OF THIS SHEET

WATER WELL LOG

FORMATIONS (Color, type of material, hardness, etc.)	From	To
14 ft. clay		
56 ft. limestone		

Oolitic Quad

DIVISION OF WATER RESOURCES
INDIANA DEPARTMENT OF CONSERVATION
311 WEST WASHINGTON STREET
INDIANAPOLIS, INDIANA

WATER WELL RECORD

INFORMATION ON WELL LOCATION

County in which well was drilled: Lawrence Civil Township: Shawswick

Congressional township: _____ Range: LOT 30 Number of section: _____

(Fill in as completely as possible)

Describe in your own words the well location with respect to nearby towns, roads, streets or distinctive landmarks: East Oolitic

Name of owner: Larry Chenault Address: Bedford Ind. RR 2

Name of Well Drilling Contractor: Ernie Umphress & Sons

Address: Bedford Ind. RR 6

Name of Drilling Equipment Operator: Eugene & Charles Umphress

INFORMATION ON THE WELL

Completed depth of well: 200 ft. Date well was completed: 9/20/62

Diameter of outside casing or drive pipe: 6" Length: 22 ft.

Diameter of inside casing or liner: 5 5/8" Length: _____

Diameter of Screen: _____ Length: _____ Slot size: _____

Type of Well: Drilled ☑ Gravel Pack ☐ Driven ☐ Other _____

Use of Well: For home ☑ For industry ☐ For public supply ☐ Stock ☐

Method of Drilling: Cable Tools ☑ Rotary ☐ Rev. Rotary ☐ Jet ☐ Driven ☐

Static water level in completed well (Distance from ground to water level) 120 ft. up,

Bailer Test: Hours tested _____ Rate 3 g.p.m. Drawdown 90 ft. (Difference between static level and water level at end of test)

Pumping Test: Hours tested _____ Rate _____ g.p.m. Drawdown _____ ft.

Some people get salt water. & filter water.

Signature [illegible]

Date 9/20/62

FOR WELL LOG SPACE USE REVERSE SIDE OF THIS SHEET

WATER WELL LOG

FORMATIONS (Color, type of material, hardness, etc.)	From	To
DIRT	0	12'
Mud Holes & Boulders	12'	19
Blue Limestone - Hard	19	34
" " - Soft	34	60
Blue Shale - Soft	60	200'

REMARKS:

FOR ADMINISTRATIVE USE ONLY
(Well Driller does not fill out)

1500 E. of W.L.; 1900 S. of N.L.

COUNTY: Lawrence TWP. 5N RGE. 1W SW¼ SE¼ NW¼ SEC. 3

Topo. Map: Oolitic Loc. accepted w/o verification Yes ___ No ___

El. of grnd. surface at well: 540 Courthouse Loc. By ___ Date ___

Depth to bedrock: ___ Field Located By ___ Date 7-63

Well Log processed by: [illegible] 10/30/62 Placed in Master Well Log File Date ___

INSTRUCTIONS

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DIVISION OF WATER RESOURCES
INDIANA DEPARTMENT OF CONSERVATION
311 WEST WASHINGTON STREET
INDIANAPOLIS, INDIANA

WATER WELL RECORD

new house
2 tone white brown

INFORMATION ON WELL LOCATION

County in which well was drilled: Lawrence Civil Township: Shawswick

~~Congressional township:~~ ~~Range:~~ ~~Number of section~~ LOT: 14

(Fill in as completely as possible)

Describe in your own words the well location with respect to nearby towns, roads, streets or distinctive landmarks: Located in East Oolitic on lot 19

Name of owner: James W. & Eva A. Anderson Address: RR 2 Bedford Ind.

Name of Well Drilling Contractor: ERNIE [illegible] SONS

Address: Bedford Ind. RR 6 Box 13

Name of Drilling Equipment Operator: Eugene & Charles Humphrey

INFORMATION ON THE WELL

Completed depth of well: 165 ft. Date well was completed: 8/4/62

Diameter of outside casing or drive pipe: 6" Length: 35'9"

Diameter of inside casing or liner: 5 3/8" Length:

Diameter of Screen: Length: Slot size:

Type of Well: Drilled ☒ Gravel Pack ☐ Driven ☐ Other

Use of Well: For home ☒ For industry ☐ For public supply ☐ Stock ☐

Method of Drilling: Cable Tools ☒ Rotary ☐ Rev. Rotary ☐ Jet ☐ Driven ☐

Static water level in completed well (Distance from ground to water level) 117 ft.

Bailer Test: Hours tested Rate 4 g.p.m. Drawdown 48 ft. (Difference between static level and water level at end of test)

Pumping Test: Hours tested Rate g.p.m. Drawdown ft.

Signature Eugene Humphrey

Date 8/4/62

FOR WELL LOG SPACE USE REVERSE SIDE OF THIS SHEET

WATER WELL LOG

FORMATIONS (Color, type of material, hardness, etc.)	From	To
DIRT	0	32'
White Limestone - SOFT	32	43'
Blue " - HARD	43	85'
Blue Shale - SOFT	85	165'
REMARKS:		

FOR ADMINISTRATIVE USE ONLY
(Well Driller does not fill out)

COUNTY: Lawrence TWP. 5N RGE. 1W NW¼ SW¼ NW¼ SEC. 3

Topo. Map: Oolitic 7½ Loc. accepted w/o verification Yes ___ No ___

El. of grnd. surface at well: 565 Courthouse Loc. By ___ Date ___

Depth to bedrock: ___ Field Located By ___ Date 7-63

Well Log processed by: [illegible] 11/30/62 Placed in Master Well Log File Date ___

500 E. of W.L.; 1700 S. of N.L.

INSTRUCTIONS

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DIVISION OF WATER RESOURCES
INDIANA DEPARTMENT OF CONSERVATION
609 STATE OFFICE BUILDING
INDIANAPOLIS 9, INDIANA

WATER WELL RECORD

INFORMATION ON WELL LOCATION

County in which well was drilled: Lawrence Civil Township: Shawswick

Congressional township: _____ Range: _____ Number of section: _____

Describe in your own words the well location with respect to nearby towns, roads, streets or distinctive landmarks: (Fill in as completely as possible) East Oolitic

Farmers R.D. #54

Name of owner: Felix Chenault Address: Bedford Ind. RR3

Name of Well Drilling Contractor: Floyd Stultz

Address: Bedford Ind. RR4

Name of Drilling Equipment Operator: Floyd Stultz

INFORMATION ON THE WELL

Completed depth of well: 150 ft. Date well was completed: Sept 21 18 1964

Diameter of outside casing or drive pipe: 6 in. Length: 12 ft.

Diameter of inside casing or liner: 5 5/8 Length: 12 "

Diameter of Screen: _____ Length: _____ Slot size: _____

Type of Well: Drilled ☑ Gravel Pack ☐ Driven ☐ Other _____

Use of Well: For home ☑ For industry ☐ For public supply ☐ Stock ☐

Method of Drilling: Cable Tools ☑ Rotary ☐ Rev. Rotary ☐ Jet ☐ Driven ☐

Static water level in completed well (Distance from ground to water level) 50 ft.

Bailer Test: Hours tested 8 Rate 1 g.p.m. Drawdown _____ ft. (Difference between static level and water level at end of test)

Pumping Test: Hours tested _____ Rate _____ g.p.m. Drawdown _____ ft.

Signature Floyd Stultz

Date Oct. 4 1964

FOR WELL LOG SPACE USE REVERSE SIDE OF THIS SHEET

WATER WELL LOG

MATIONS (Color, type of material, hardness, etc.)	From	To
Clay	0	12
Limestone	12	50
Soapstone	50	150

REMARKS:

FOR ADMINISTRATIVE USE ONLY
(Well Driller does not fill out)

COUNTY: Lawrence TWP. 5N RGE. 1W ¼ ¼ ¼ SEC. 3

Topo Map: Oolitic 7½ Loc. accepted w/o verification Yes ___ No ___

Well log classified By Hch Date 10/19/64 Ground elevation ___ Ft W of EL
Courthouse located By ___ Date ___ Depth to bedrock ___ Ft N of SL
Field located By ___ Date ___ Bedrock elevation ___ Ft E of WL
Placed in master well log file Date ___ Aquifer elevation ___ Ft S of NL

INSTRUCTIONS

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As specified in Chapter 6 of the Acts of 1959, a copy of this report must be submitted within thirty days after the completion of a well to the Division of Water Resources, Indiana Department of Conservation.

3

DIVISION OF WATER RESOURCES
INDIANA DEPARTMENT OF CONSERVATION
609 STATE OFFICE BUILDING
INDIANAPOLIS 9, INDIANA

Laurence Quad

OCT 1964

WATER WELL RECORD

INFORMATION ON WELL LOCATION

County in which well was drilled: Lawrence Civil Township: Shrewsbury

Congressional township: _____ Range: _____ Number of section: _____

(Fill in as completely as possible)

Describe in your own words the well location with respect to nearby towns, roads, streets or distinctive landmarks: On state Road 58. 1 mile east of Bedford. RR 3

Name of owner: Mrs. Joseph A. Myers Address: Bedford RR 3

Name of Well Drilling Contractor: Floyd Stultz

Address: Bedford Ind. RR 1

Name of Drilling Equipment Operator: Floyd Stultz

INFORMATION ON THE WELL

Completed depth of well: 144 ft. Date well was completed: Oct. 5, 1964

Diameter of outside casing or drive pipe: 6 in. Length: 40

Diameter of inside casing or liner: 5 5/8 Length: 40

Diameter of Screen: _____ Length: _____ Slot size: _____

Type of Well: Drilled ☑ Gravel Pack ☐ Driven ☐ Other _____

Use of Well: For home ☑ For industry ☐ For public supply ☐ Stock ☐

Method of Drilling: Cable Tools ☑ Rotary ☐ Rev. Rotary ☐ Jet ☐ Driven ☐

Static water level in completed well (Distance from ground to water level) 60 ft.

Bailer Test: Hours tested 8 Rate 40 g.p.h. Drawdown _____ ft. (Difference between static level and water level at end of test)

Pumping Test: Hours tested _____ Rate _____ g.p.m. Drawdown _____ ft.

Signature Floyd Stultz

Date Oct. 5, 1964

FOR WELL LOG SPACE USE REVERSE SIDE OF THIS SHEET

WATER WELL LOG

FORMATIONS (Color, type of material, hardness, etc.)	From	To
Rock + clay	0	40
Limestone	40	144

APPENDIX C.2

2000 FISH CONSUMPTION ADVISORY

Angling Indiana - 2000 FISH CONSUMPTION ADVISORY

Group 1 = Unrestricted consumption (at-risk population - limit consumption to 1 meal/week)*
Group 2 = Limit consumption to 1 meal/week (at-risk population - limit to 1 meal/month)*
Group 3 = Limit consumption to 1 meal/month **(at-risk population - DO NOT EAT)***
Group 4 = Limit consumption to 1 meal/2 months **(at-risk population - DO NOT EAT)***
Group 5 = DO NOT EAT

*At-risk populations include children under 15, pregnant or nursing women, and those women planning to have children within 6 years

County Name River, Stream, Lake, or Reservoir Name	Fish Species	Fish Length (inches)	Contaminant ■ = PCBs ○ = Mercury	Group (1-5)
Lawrence County				
All Indiana Rivers and Streams (unless otherwise specified)	**Carp**	15-20 20-25 25+	■○ ■○ ■○	3 4 5
East Fork of White River	**Carp**	22+	■○	5
	Channel Catfish	15-21 21+	■○ ■○	4 5
	Freshwater Drum	12-15 15+	■ ■	4 5
	Bigmouth Buffalo	18+	○	4
	Flathead Catfish	10-16 16+	■ ■	3 4
	Largemouth Bass	11-14 14+	■ ■	4 5
	River Carpsucker	13+	■	5
	Sauger	14+	■○	3
	Shorthead Redhorse	14-16 16+	■ ■	4 5

	Smallmouth Buffalo	15+	■	5
	Spotted Bass	10+	■○	2
	Spotted Sucker	17+	■	3
	Striped Bass	22+	■	4
Pleasant Run Creek	**ALL SPECIES**	**ALL**	■	5

Table of Contents

2000 INDIANA FISH ADVISORY
STREAMS AND RIVERS

○ = Mercury ■ = PCBs

Group 2 = 1 meal/week Group 3 = 1 meal/month
Group 4 = 1 meal/2 months Group 5 = DO NOT EAT
(Women and children see advisory groups)

Location	Species	Fish Size (inches)	Contaminant	Group
All Indiana Rivers and Streams				
All Counties (unless otherwise specified)	**Carp**	15-20	■○	3
		20-25	■○	4
		25+	■○	**5**
Big Blue River				
Henry County	Creek Chubs	6-7	■	3
		7+	■	4
	Rock Bass	4-7	■	3
		7+	■	4
	White Suckers	8-10	■	3
		10+	■	4
Rush County	Creek Chubs	6+	■	3
Shelby County	Black Redhorse	11+	■	3
	Golden Redhorse	18+	■	4

	Northern Hogsucker	9-10 10+	■ ■	3 4
	Rock Bass	4-7	■	3
Johnson County	Longear Sunfish	5+	■	3
	Northern Hogsucker	8-10 10+	■ ■	3 4
	Rock Bass	7+	■	3
	Smallmouth Bass	5-8 8+	■ ■	3 4

Big Pine Creek

Warren County	Black Redhorse	13-16 16+	○ ○	2 3
	Channel Catfish	12-17	■	2
	Smallmouth Bass	10-11 11+	■ ■	2 3

Big Raccoon Creek

Parke County	Carp	19-22 22+	○ ○	2 3
	Black Redhorse	11-17 17+	○ ○	2 3
	Channel Catfish	17-22 22+	■ ■	3 4
	Spotted Bass	10-14 14+	○ ○	2 3

Big Walnut Creek

Putnam County	Black Redhorse	11-14	○	2
		14+	○	3
	River Carpsucker	9-14	○	2
		14+	○	3
	Spotted Bass	9-12	○	2
		12+	○	3

Blue River

Harrison County	Carp	28-29	○	2
		29+	○	3
	Channel Catfish	15+	■	3
	Rock Bass	5-7	■	2
		7+	■	3
	Shorthead Redhorse	14-17	■	3
		17+	■	4

Brandywine Creek

Hancock County	Northern Hogsucker	8-11	○	2
		11+	○	3

Buck Creek

Delaware County	Longear Sunfish	5-6	■	3
		6+	■	4
	Rock Bass	6-9	■	3
		9+	■	4
	Smallmouth Bass	8-11	■○	3
		11+	■○	4

Clear Creek

Monroe County	**ALL SPECIES**	**ALL**	■	**5**

Deer Creek

Carroll County	Black Redhorse	13-19	○	2
		19+	○	3
	Carp	Up to 19	■	2
		19+	■	3
	Carpsucker	15-17	○	2
		17+	○	3
	Smallmouth Bass	10	■	2
		10+	■	3

East Fork of White Lick Creek

Hendricks County	Creek Chub	6-9	■	2
		9+	■	3
	Northern Hogsucker	8-11	■	2
		11+	■	3
	Yellow Bullhead	8-10	■	2
		10+	■	3

East Fork of the White River

Bartholomew County	Golden Redhorse	8-13	■	2
		13+	■	3
	Silver Redhorse	16-18	■	3
		18+	■	4

Jackson County	Freshwater Drum	17-18	○	2
		18+	○	3
	Golden Redhorse	14-16	■	3
		16+	■	4
	Silver Redhorse	20-22	■	2
		22+	■	3
	Smallmouth Buffalo	19-26	■	3
		26+	■	4
	Bigmouth Buffalo	18+	■○	3
Lawrence County	**Carp**	**22+**	■○	**5**
	Channel Catfish	15-21	■○	4
		21+	■○	**5**
	Freshwater Drum	12-15	■	4
		15+	■	**5**
	Bigmouth Buffalo	18+	○	4
	Flathead Catfish	10-16	■	3
		16+	■	4
	Largemouth Bass	11-14	■	4
		14+	■	**5**
	River Carpsucker	**13+**	■	**5**
	Sauger	14+	■○	3
	Shorthead Redhorse	14-16	■	4
		16+	■	**5**
	Smallmouth Buffalo	**15+**	■	**5**

	Spotted Bass	10+	■○	2
	Spotted Sucker	17+	■	3
	Striped Bass	22+	■	4
Martin County	Channel Catfish	12-14 14+	■ ■	3 4
	Freshwater Drum	10-12 12+	■ ■	3 4
	Longear Sunfish	6+	■	3
	Shorthead Redhorse	14-16 **16+**	■ ■	4 **5**
	Smallmouth Buffalo	19+	■	3

East Fork of Whitewater River

Wayne County	Channel Catfish	12-18 18+	■ ■	3 4
	Smallmouth Bass	8-11 **11+**	■ ■	4 **5**
Union County	Creek Chub	4-5 5+	○ ○	2 3

Eel River (West Fork White River Basin)

Greene County	Bigmouth Buffalo	18-20 20+	○ ○	2 3
	Channel Catfish	18+	■○	2

	Freshwater Drum	14-16	○	2
		16+	○	3
	Sauger	18+	■	3

Eel River (Upper Wabash River Basin)

Whitley County	Bluegill	4-6	■	3
		6+	■	4
	Carp	11-20	■○	2
		20+	■○	3
	Northern Hogsucker	7-10	■	3
		10+	■	4
	Rock Bass	7-8	○	2
		8+	○	3
	White Sucker	8-12	■	2
		12+	■	3
Wabash County	Northern Hogsucker	8+	■	3
Miami County	Northern Hogsucker	9-12	○	2
		12+	○	3
	Rock Bass	6-7	○	2
		7+	○	3
	Smallmouth Bass	10+	■	3
Cass County	Northern Hogsucker	8-11	○	2
		11+	○	3
	Rock Bass	7-9	○	2
		9+	○	3

Elkhart River

Elkhart County	Rock Bass	7-9	■○	3
		9+	■○	4
	Smallmouth Bass	5-6	■	3
	White Sucker	8-13	■	3
		13+	■	4
Elliot Ditch				
Tippecanoe County	**ALL SPECIES**	**ALL**	■	**5**
Fall Creek				
Madison County	Black Redhorse	13-17	○	2
		17+	○	3
	Carp	19-22	■○	3
		22+	■○	4
	Channel Catfish	Up to 22	■	3
		22+	■	4
	Rock Bass	5-7	■	2
		7+	■	3
	Smallmouth Bass	6-14	○	2
		15-17	○	3
		17+	○	4
	White Sucker	12-16	○	2
		16+	○	3
Hamilton County	Carp	16-23	■	2
		23+	■	3
	Largemouth Bass	12-16	○	2
		16+	○	3

Flatrock River

Rush County	Northern Hogsucker	8-13 13+	○ ○	2 3
	Longear Sunfish	4-6 6+	○ ○	2 3
	Rock Bass	5-8 8+	○ ○	2 3
Shelby County	Rock Bass	5-8 8+	■○ ■○	2 3

Grassy Creek

Kosciusko County	Largemouth Bass	Up to 14 14+	○ ○	2 3

Great Miami River

Dearborn County	**Carp**	16-20 **20+**	■ ■	4 **5**
	Channel Catfish	**15+**	■	**5**
	Largemouth Bass	15-18 18+	■○ ■○	2 3
	White Crappie	8-11 11+	■ ■	3 4

Greens Fork

Wayne County	Creek Chub	7+	○	2

Honey Creek

White County	Largemouth Bass	Up to 20 20+	■○ ■○	2 3

Iroquois River

Jasper County	Carp	28+	■	3
Newton County	Carp	28+	■	3

Juday Creek

St. Joseph County	White Sucker	12-17	■	2
		17+	■	3

Kankakee River

LaPorte County	Bigmouth Buffalo	16-22	○	2
		22+	○	3
	Channel Catfish	17+	■	3
	Northern Pike	15+	■	2
	Quillback	15-16	■	3
	Shorthead Redhorse	13-17	■○	3
		17+	■○	4
Lake County	Bigmouth Buffalo	18-24	■○	2
		24+	■○	3
	Carp	20-22	■	2
		22+	■	3
	Northern Pike	31+	■	2
	Quillback	13-15	■	2
		15+	■	3
	Shorthead Redhorse	14-16	■	2
		16-19	■	3
		19+	■	4

	Silver	18-20	■	2
	Redhorse	20+	■	3
	Smallmouth	18-22	■○	2
	Buffalo	22-28	■○	3
		28-32	■○	4
		32+	■○	**5**

Killbuck Creek

Madison County	Largemouth Bass	16+	○	3
	Longear	5-6	■	3
	Sunfish	6+	■	4

Kokomo Creek

Howard County	**ALL SPECIES**	**ALL**	■	**5**

Little Blue River

Shelby County	Northern	8-11	■	2
	Hogsucker	11+	■	3

Little Mississinewa River

Randolph County	**ALL SPECIES**	**ALL**	■	**5**

Little Sugar Creek/Walnut Fork** (Middle Wabash Basin)

Montgomery County	**ALL SPECIES**	**ALL**	■○	**5**

*** Fish tissue samples have not been taken from Walnut Fork. However, fish tissue samples taken from Little Sugar Creek (Montgomery Co.) and Sugar Creek (Montgomery Co., I-74 to SR-32) are at No Consumption advisory levels. These two bodies of water are connected by Walnut Fork in Montgomery Co., approximately one river mile in length. Based on these data, a No Consumption advisory will be placed on Walnut Fork to protect human health. Future sampling of Walnut Fork is planned for more comprehensive results.*

Little Sugar Creek (East Fork White River Basin)

Hancock County	Creek Chub	ALL	■○	3

Maumee River

Allen County	Channel Catfish	14-16	■	3
		16+	■	4
	Largemouth Bass	9+	■	3
	River Redhorse	12-14	■○	3
		14+	■○	4
	Rock Bass	7-8	■	3
		8+	■	4
	Sauger	15-24	■○	2
		24+	■○	3
	Shorthead Redhorse	14-16	■○	3
		16+	■○	4

Mississinewa River

Randolph County	**Carp**	**17+**	■	**5**
	Channel Catfish	**15+**	■	**5**

	Green Sunfish	**3+**	■	**5**
	Longear Sunfish	3-5	■	3
		5+	■	4
	White Crappie	8-10	■	3
		10+	■	4
Delaware County	Bluegill	6+	■	2
	Green Sunfish	4-6	■	2
		6+	■	3
	Rock Bass	6-7	■○	2
		7+	■○	3
Grant County	Channel Catfish	11-13	■○	2
		13+	■○	3
	Largemouth Bass	8-11	■	2
		11+	■	3
	White Crappie	8-11	○	2
		11+	○	3
	Carp	14-19	■	3
Miami County	Carp	19-20	■	2

Muddy Fork of Sand Creek

Decatur County	Black Redhorse	12-15	○	2
		15+	○	3
	Largemouth Bass	6-11	■	3
		11+	■	4

	Northern Hogsucker	6-10 10+	■ ■	3 4
	White Sucker	10-13 13+	○ ○	2 3

Muscatatuck River

Washington County	Bigmouth Buffalo	17-26 26+	■○ ■○	2 3
	Smallmouth Buffalo	22-23 23+	■○ ■○	2 3

Otter Creek

Vigo County	Black Redhorse	10-14 14+	■ ■	2 3
	Golden Redhorse	14+	■○	2
	Spotted Bass	8-13 13+	○ ○	3 4

Patoka River

Dubois County	Bigmouth Buffalo	16-21 21+	○ ○	2 3
	Carp	15-20 20+	■ ■	2 3
	Freshwater Drum	13-17 17+	○ ○	2 3

Pike County	Bigmouth Buffalo	16-21 21+	○ ○	2 3
	Freshwater Drum	21-22 22+	■○ ■○	2 3
Gibson County	Black Buffalo	24-25 25+	■○ ■○	2 3
	Channel Catfish	16-18 18+	■ ■	2 3
	Flathead Catfish	12-18 18+	■○ ■○	2 3
	Freshwater Drum	14-16 16+	○ ○	2 3

Pigeon Creek (St. Joseph River Basin)

Steuben County	Carp	21-25 25+	■ ■	3 4
	White Sucker	11-14 14+	○ ○	2 3

Pigeon Creek (Ohio River Basin)

Vanderburgh County	**Channel Catfish**	15-18 **18+**	■ ■	4 **5**
	Largemouth Bass	13+	■	2
	White Crappie	12+	■	2

Pipe Creek

Madison County	Longear Sunfish	4+	■	2
	White Sucker	10-15	■○	2
		15+	■○	3
Pleasant Run Creek				
Lawrence County	**ALL SPECIES**	**ALL**	■	**5**
Richland Creek				
Monroe County	Creek Chub	6-7	■	3
		7+	■	4
	Rock Bass	4-8	■○	2
		8+	■○	3
	White Sucker	8-11	■○	3
		11+	■○	4
Owen County	Creek Chub	5-9	■○	3
		9+	■○	4
	Longear Sunfish	4-6	■○	2
		6+	■○	3
	Rock Bass	6-7	■○	2
		7+	■○	3
Salt Creek				
Monroe County ** (tailwaters of Monroe Reservoir	Bluegill	7+	■	2
	Freshwater Drum	**16+**	■	**5**

Dam to Clear Creek)	Striped Bass	12+	■	3
	Walleye	15-21	■	3
		21+	■	4
	White Crappie	7+	■	2
	Yellow Bass	8+	■	2
Monroe County (confluence of Clear Creek to Lawrence Co.)	**ALL SPECIES**	**ALL**	■○	**5**
Lawrence County	**ALL SPECIES**	**ALL**	■○	**5**

*** This listing is based on limited data. It should be noted that fish migrate. Fish not sampled from these waters may migrate from the confluence of Clear Creek and Salt Creek, 1.3 miles south. Those water bodies have No Consumption advisories. Future sampling of the Salt Creek tailwaters below the Monroe Reservoir Dam is planned for more comprehensive results.*

Sand Creek

Decatur County	Black Redhorse	14+	○	2
	Northern Hogsucker	10-12	■	3
		12+	■	4
	Spotted Sucker	13-14	○	2
		14+	○	3
	White Sucker	8-11	○	2
		11+	○	3

	Yellow Bullhead	10-12 12+	■ ■	3 4
Jennings County	Rock Bass	6-9 9+	○ ○	2 3
	Spotted Bass	8-12 12+	○ ○	2 3
	Yellow Bullhead	8-11 11+	○ ○	2 3
Silver Creek				
Union County	Creek Chub	6-7 7+	○ ○	2 3
Floyd County	Carp	21-25 25+	■ ■	3 4
	Channel Catfish	17-20 20+	■ ■	3 4
	Freshwater Drum	15-18 18+	■○ ■○	2 3
	Smallmouth Bass	15+	■	2
Stoney Creek				
Hamilton County	**ALL SPECIES**	**ALL**	■	**5**
Stouts Creek				
Monroe County	Creek Chubs	4-8 8+	■○ ■○	2 3

St. Joseph River (Maumee River Basin)

Allen County	Black Crappie	9-11	■	3
		11+	■	4
	Black Redhorse	13-16	■	3
		16+	■	4
	Channel Catfish	20-24	■○	3
		25-26	■○	4
		26+	■○	**5**
	Golden Redhorse	12-13	■	3
		13+	■	4
	Rock Bass	7-9	■	3
		9+	■	4

St. Joseph River (St. Joseph River Basin)

Elkhart County	Black Redhorse	13-17	○	2
		17+	○	3
	Channel Catfish	20-24	■	**3**
		25-26	■	**4**
		26+	■	**5**
	Golden Redhorse	13-25	■	3
		25+	■	4
	Largemouth Bass	11-12	○	2
		12+	○	3
	Rock Bass	7-9	■	3
		9+	■	4
	Shorthead Redhorse	14-17	■○	3
		17+	■○	4

	Smallmouth Bass	9-13	○	2
		13+	○	3
	Walleye	16-17	○	3
		17+	○	4
St. Joseph County	Black Redhorse	14-17	■○	3
		17+	■○	4
	Carp	**20+**	■○	**5**
	Channel Catfish	22+	■○	4
	Golden Redhorse	13-22	■	3
		22+	■	4
	Largemouth Bass	15-16	■○	3
		16-18	■○	4
		18+	■○	**5**
	Shorthead Redhorse	15-19	■○	3
		19+	■○	4
	Smallmouth Bass	7-9	■○	2
		9+	■○	3
	Steelhead	25-26	■	3
		26+	■	4
	Quillback	18+	■	3
	White Sucker	14-16	■	3
		16+	■	4

St. Mary's River

Allen County	Bigmouth Buffalo	20-25 25+	■○ ■○	3 4
	Black Redhorse	12-15 15+	■○ ■○	2 3
	Channel Catfish	13-15 15+	■ ■	3 4
	Largemouth Bass	Up to 15 15+	■○ ■○	3 4
	Quillback	9-14 14+	■○ ■○	2 3
	Silver Redhorse	17+	■○	3
	White Suckers	8-11 11+	■○ ■○	2 3

Sugar Creek (East Fork White River Basin)

Hancock County	Black Redhorse	11-13 13+	○ ○	2 3
Johnson County	Carp	27+	■	3
	Flathead Catfish	17+	■	3
	Spotted Bass	13+	○	2

Sugar Creek (Middle Wabash River Basin)

Montgomery County

(Crawfordsville I74 - SR32)	**ALL SPECIES**	**ALL**	■	**5**
(Shades State Park)	**Black Redhorse**	14-16 **16+**	■ ■	**4** **5**
	Rock Bass	7+	■	3
	Smallmouth Bass	7-11 11-15 15+	■ ■ ■	2 3 4
Parke County	Black Redhorse	12-16 16+	■ ■	3 4
	Smallmouth Bass	8-11 11+	■ ■	2 3
	Channel Catfish	12-13 13+	■ ■	3 4
Tippecanoe River				
Kosciusko County	Bluegill	6+	○	2
	Redhorse	17-18 18+	■ ■	3 4
	River Redhorse	17+	○	3
	Rock Bass	5+	○	2
Marshall County	Rock Bass	9-10 10+	○ ○	2 3

Fulton County	Channel Catfish	12-23 23+	■○ ■○	2 3
	Northern Hogsucker	7-12 12+	○ ○	2 3
	Spotted Suckers	13+	○	2
	Golden Redhorse	15-16 16+	■○ ■○	2 3
	Carp	30-31	■○	2
Pulaski County	Black Redhorse	16-17 17+	■ ■	3 4
	Channel Catfish	11-12 12+	■○ ■○	2 3
	Longear Sunfish	3-5 5+	○ ○	2 3
	Northern Hogsucker	13-15 15+	○ ○	2 3
Carroll County	Carp	21-22	■	2
Trail Creek				
LaPorte County	**Carp**	**23-25**	■	**5**
Wabash River				
Adams County	Carp	17-19	■	2

Wells County	Channel Catfish	13-19	■○	3
		19+	■○	4
	Golden Redhorse	18+	○	2
	Rock Bass	7-10	○	2
		10+	○	3
	Sauger	13-19	■	4
		19+	■	**5**
	Smallmouth Buffalo	**25+**	■	**5**
	White Crappie	5-7	○	2
		7+	○	3
	Yellow Perch	6-7	○	2
		7+	○	3
Huntington County	Blue Sucker	21-26	■	3
		26+	■	4
	Channel Catfish	13-16	■○	3
		16+	■○	4
	Freshwater Drum	12-18	■	3
		18+	■	4
	Largemouth Bass	12-14	○	3
		14+	○	4
	Carp	18-21	■○	2
	Sauger	13-19	■	4
		19+	■	**5**
	Smallmouth Buffalo	**25+**	■	**5**

Wabash County	Black Redhorse	16-19 19+	○ ○	2 3
	Blue Sucker	21-26 26+	■ ■	3 4
	Channel Catfish	13-19 19+	○ ○	2 3
	Freshwater Drum	12-18 18+	■ ■	3 4
	Quillback	12-16 16+	○ ○	2 3
	Sauger	13-19 **19+**	■ ■	4 **5**
	Smallmouth Buffalo	**25+**	■	**5**
	White Bass	11-21 21+	■○ ■○	3 4
Miami County	Blue Sucker	21-26 26+	■ ■	3 4
	Channel Catfish	13-19 19+	■○ ■○	2 3
	Freshwater Drum	12-18 18+	■ ■	3 4
	Quillback	13-17 17+	○ ○	2 3
	Sauger	13-19 **19+**	■ ■	4 **5**

	Smallmouth Buffalo	**25+**	■	**5**
Cass County	Black Redhorse	16-19	○	2
		19+	○	3
	Blue Sucker	21-26	■	3
		26+	■	4
	Channel Catfish	13-19	■○	2
		19+	■○	3
	Freshwater Drum	12-18	■	3
		18+	■	4
	Quillback	13-19	○	2
		19+	○	3
	Sauger	13-19	■○	2
		19+	■○	3
	Smallmouth Bass	12-16	○	2
		16+	○	3
	Smallmouth Buffalo	**25+**	■	**5**
	Walleye	16+	○	2
Carroll County	Blue Sucker	21-26	■	3
		26+	■	4
	Channel Catfish	13-19	■○	2
		19+	■○	3
	Freshwater Drum	12-18	■	3
		18+	■	4
	River Redhorse	23-26	○	2
		26+	○	3

	Sauger	13-19	■	4
		19+	■	**5**
	Smallmouth Buffalo	**25+**	■	**5**
Tippecanoe County	Bigmouth Buffalo	17-20	■	2
		20+	■	3
	Blue Sucker	21-26	■	3
		26+	■	4
	Channel Catfish	**16+**	■○	**5**
	Flathead Catfish	15-24	■○	2
		24+	■○	3
	Freshwater Drum	12-18	■○	3
		18+	■○	4
	Golden Redhorse	20+	■	3
	Largemouth Bass	9-14	○	2
		14+	○	3
	Quillback	13-19	■	4
		19+	■	**5**
	River Redhorse	16-19	■○	2
		19+	■○	3
	Sauger	13-19	■○	4
		19+	■○	**5**
	Paddlefish	34+	■	3

	Smallmouth Bass	9-12 12+	■ ■	3 4
	Smallmouth Buffalo	**25+**	■	**5**
	White Bass	6-11 11+	○ ○	2 3
Fountain County	Blue Sucker	21-26 26+	■ ■	3 4
	Channel Catfish	13-19 19+	■ ■	3 4
	Freshwater Drum	12-18 18+	■ ■	3 4
	Sauger	13-19 **19+**	■ ■	4 **5**
	Smallmouth Buffalo	**25+**	■	**5**
Vermillion County	Bigmouth Buffalo	18+	■	3
Vigo County	Bigmouth Buffalo	21-24 24+	■ ■	3 4
	Blue Sucker	21-26 26+	■○ ■○	3 4
	Carpsucker	10+	■○	2
	Channel Catfish	13-19 19+	■○ ■○	3 4

	Flathead Catfish	10-20 20+	■○ ■○	2 3
	Freshwater Drum	12-18 18+	■ ■	3 4
	Sauger	13-19 **19+**	■ ■	4 **5**
	Shovelnose Sturgeon	30+	■	3
	Smallmouth Buffalo	**25+**	■○	**5**
	White Bass	13+	■○	3
	Wiper	10-12 12+	■ ■	3 4
Sullivan County	Blue Sucker	21-26 26+	■ ■	3 4
	Channel Catfish	13-19 19+	■○ ■○	3 4
	Flathead Catfish	16-31 31+	■○ ■○	3 4
	Freshwater Drum	12-18 18+	■ ■	2 3
	Sauger	13-19 **19+**	■ ■	4 **5**
	Smallmouth Buffalo	**25+**	■	**5**

Knox County	Blue Sucker	21-26	■	3
		26+	■	4
	Channel Catfish	13-19	■	2
		19+	■	3
	Freshwater Drum	12-18	■○	3
		18+	■○	4
	Sauger	13-19	■	4
		19+	■	**5**
	Smallmouth Buffalo	**25+**	■	**5**
Gibson County	Blue Sucker	21-26	■	3
		26+	■	4
	Channel Catfish	13-19	■○	2
		19+	■○	3
	Freshwater Drum	12-18	■○	2
		18+	■○	3
	Sauger	13-19	■	4
		19+	■	**5**
	Smallmouth Buffalo	25+	■	5
Posey County	Blue Sucker	21-26	■	3
		26+	■	4
	Channel Catfish	13-19	■	2
		19+	■	3
	Flathead Catfish	11-19	■○	2
		19+	■○	3

	Sauger	13-19	■	4
		19+	■	**5**
	Smallmouth Buffalo	**25+**	■	**5**
	White Bass	11-21	■○	3
		21+	■○	4
	Wiper	13+	■	3
Wea Creek				
Tippecanoe County	**ALL SPECIES**	**ALL**	■	**5**
West Fork of the White River				
Randolph County	Bluegill	6+	○	2
	Carp	15-21	■	2
		21-25	■	3
		25+	■	4
	Carpsucker	13-18	■	3
		18+	■	4
	Channel Catfish	14-16	■	3
		16+	■	4
	Creek Chub	7-8	■○	2
		8+	■○	3
	Largemouth Bass	8+	■	2
	Longear Sunfish	3-5	■	2
		5+	■	3

	Spotted Sucker	11-13 13+	■ ■	3 4
	White Sucker	4-7 7+	○ ○	2 3
Delaware County	Black Bullhead	Up to 9 9+	■ ■	2 3
	Carpsucker	13-18 18+	■ ■	3 4
	Channel Catfish	14-16 16+	■ ■	3 4
	Largemouth Bass	9-15 15+	■○ ■○	3 4
	Smallmouth Bass	13-15 15+	■○ ■○	2 3
	Spotted Sucker	11-13 13+	■ ■	3 4
Madison County	Green Sunfish	4-6 6+	■ ■	2 3
	Longear Sunfish	5+	■	2
	Rock Bass	6+	■	2
	Spotted Suckers	11+	■	3

Hamilton County	**Carp**	17-20	■	4
		20+	■	**5**
	Carpsucker	13-18	○	3
		18+	○	4
	Largemouth Bass	11-17	■○	3
		17+	■○	4
	Longear Sunfish	4-9	■	3
		9+	■	4
Marion County	Bluegill	7+	■	2
	Carp	**19+**	■	**5**
	Channel Catfish	14-18	■	3
		18-24	■	4
		24+	■	**5**
	Flathead Catfish	13-15	■○	3
		15+	■○	4
	Largemouth Bass	11-13	■	2
		13+	■	3
	Quillback	13-18	■	4
		18+	■	**5**
	Spotted Sucker	11-13	■○	3
		13+	■○	4
Morgan County	Black Redhorse	15-16	■	3
		16+	■	4
	Carp	16-27	■	3
		27+	■	4

	Channel Catfish	14-16 16+	■○ ■○	3 4
	Flathead Catfish	11-17 17+	○ ○	2 3
	Gizzard Shad	10+	■	2
	Largemouth Bass	12+	■	3
	Quillback	13-18 18+	■ ■	3 4
	River Carpsucker	12-15 15+	■ ■	3 4
	Smallmouth Bass	13-15 15+	■ ■	3 4
	Spotted Sucker	11-13 13+	■ ■	3 4
Owen County	Bigmouth Buffalo	16-24 24+	■○ ■○	2 3
	Carpsucker	13-18 18+	■ ■	3 4
	Channel Catfish	14-16 16+	■ ■	3 4
	Spotted Sucker	11-13 13+	■ ■	3 4
	White Bass	14-15 15+	■○ ■○	3 4

Greene County	Bigmouth Buffalo	Up to 20	■	2
		20+	■	3
	Carpsucker	13-18	■	2
		18+	■	3
	Channel Catfish	14-16	■	3
		16+	■	4
	Spotted Sucker	11-13	■	3
		13+	■	4
Daviess County	Bigmouth Buffalo	17-19	■○	2
	Carpsucker	13-18	■	3
		18+	■	4
	Channel Catfish	14-16	■	3
		16+	■	4
	Flathead Catfish	11-14	■○	2
		14+	■○	3
	Spotted Sucker	11-13	■	3
		13+	■	4
	White Bass	11-14	■○	3
		14+	■○	4
Pike County	Bigmouth Buffalo	21-25	■○	2
		25+	■○	3
	Carpsucker	13-18	■	3
		18+	■	4
	Channel Catfish	14-17	■	3
		17+	■	4

	Flathead Catfish	9-16 16+	■ ■	2 3
	Freshwater Drum	12-14 14+	■○ ■○	2 3
	Quillback	14-15 15+	○ ○	3 4
	River Carpsucker	15-17 17+	■ ■	3 4
	Smallmouth Bass	7-12 12+	○ ○	2 3
	Spotted Bass	9+	■	3
	Spotted Sucker	11-13 13+	■ ■	3 4
Gibson County	Carpsucker	6-18 18+	■○ ■○	3 4
	Channel Catfish	14-17 17+	■ ■	3 4
	Freshwater Drum	12-14 14+	■ ■	2 3
	Largemouth Bass	11-17 17+	○ ○	2 3
	Quillback	Up to 11 11+	■ ■	2 3
	River Carpsucker	16-18 18+	■○ ■○	3 4

	Spotted	11-13	■	3
	Sucker	13+	■	4

West Fork of the Whitewater River

Wayne	Creek Chub	5-7	○	2
County		7+	○	3
Fayette	Black	11-14	■○	2
County	Redhorse	14+	■○	3
	Largemouth	15-17	○	3
	Bass	17+	○	4
	Quillback	15+	○	3
	Smallmouth	7-9	■○	2
	Bass	9+	■○	3

White Lick Creek

Hendricks	Channel	21-22	■○	2
County	Catfish	22+	■○	3
	Smallmouth	8-14	■○	2
	Bass	14+	■○	3
Morgan	Channel	20+	■○	2
County	Catfish			
	Smallmouth	8-12	■	2
	Bass	12+	■	3

Whitewater River

Dearborn County	Black Redhorse	14-16 16+	■○ ■○	2 3
	Channel Catfish	15-23 23+	■○ ■○	3 4
	Freshwater Drum	14-15 15+	■○ ■○	2 3
Wildcat Creek				
Howard County (Downstream of the Waterworks Dam in Kokomo)	**ALL SPECIES**	**ALL**	■	**5**
Carroll County	**ALL SPECIES**	**ALL**	■	**5**
Tippecanoe County	**Freshwater Drum**	10-12 **12+**	■ ■	4 **5**
	Golden Redhorse	12-14 14+	■ ■	3 4
	Quillback	12-13 13+	■ ■	3 4
	White Bass	7-8 8+	■ ■	2 3
	Channel Catfish	10-16 16+	■ ■	3 4
	Spotted Bass	8+	■	3
Young's Creek				

Johnson County	Northern Hogsucker	7-10 10+	■ ■	2 3

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APPENDIX C.3

WETLANDS INVENTORY MAP

APPENDIX C.4

FLOOD INSURANCE RATE MAP

MAY 25, 2001

APPENDIX C.5

ENDANGERED SPECIES LIST

Distribution of Federally Threatened (T), Endangered (E), and Proposed (P) Species in Indiana (1999)

For more information about threatened and endangered species in Indiana, contact the U.S. Fish & Wildlife Service office at 620 South Walker Street, Bloomington, Indiana 47403-2121 (812/334-4261)

Species	Status	Counties	Habitat
Mammals			
Gray bat (*Myotis grisescens*)	Endangered	Clark, Crawford, Floyd, Harrison	Caves
Indiana bat (*Myotis sodalis*)	Endangered	Statewide CRITICAL HABITAT: Big Wyandotte Cave (Crawford County), Ray's Cave (Greene County)	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
Birds			
Bald eagle (*Haliaeetus leucocephalus*)	Threatened	Statewide	Wintering
Bald eagle (*Haliaeetus leucocephalus*)	Threatened	Brown, DuBois, Greene, Martin, Monroe, Morgan, Orange, Owen, Parke	Recent: Nesting & Wintering
Peregrine falcon (*Falco peregrinus*)	Endangered	Lake	Breeding
Peregrine falcon (*Falco peregrinus*)	Endangered	Allen and Marion	Hacking Site
Least Tern (*Sterna antillarum*)	Endangered	Gibson	Breeding
Reptiles			
Copperbelly water snake (*Nerodia erythrogaster neglecta*)	Threatened	Kosciusko, St. Joseph, Steuben	Wooded and permanently wet areas such as oxbows, sloughs, brushy ditches and floodplain woods
Mussels			
Clubshell (*Pleurobema clava*)	Endangered	Carroll, Dekalb, Fulton, Kosciusko, Marshall, Pulaski, Tippecanoe, White	Rivers

Species	Status	Counties	Habitat
Cracking pearlymussel *(Hemistena lata)*	Endangered	Knox (possibly extirpated)	Rivers
Fanshell (*Cyprogenia stegaria*)	Endangered	Carroll, Martin, Sullivan, Tippecanoe, Wabash, White	Rivers
Fat pocketbook (*Potamilus capax*)	Endangered	Gibson, Knox, and Posey	Rivers
Northern rifflesheil (*Epioblasma torulosa rangiana*)	Endangered	Dekalb, Pulaski	Rivers
Orange-footed pearlymussel (*Plethobasus cooperianus*)	Endangered	Gibson (possibly extirpated)	Rivers
Pink mucket pearlymussel *(Lampsilis orbiculata)* (=*P. abrupta*)	Endangered	Posey	Rivers
Ring pink (*Obovaria retusa)*	Endangered	Fountain, Gibson, Harrison, Knox, Lawrence, Posey, Sullivan, Tippecanoe, Vermilion, Vigo, Warren; possibly extirpated from those counties	Rivers
Rough pigtoe (*Pleurobema plenum*)	Endangered	Martin	Rivers
Tubercled-blossom pearlymussel *(Epioblasma torulosa torulosa)*	Endangered	Carroll, Fountain, Gibson, Fulton, Jackson, Knox, Posey, Pulaski, Sullivan, Tippecanoe, Vermilion, Vigo, Warren; possibly extirpated from those counties	Rivers
White cat's paw pearlymussel (*Epioblasma obliquata perobliqua*)	Endangered	Dekalb	Rivers
White warty-back pearlymussel *(Plethobasis cicatricosus*)	Endangered	Posey, Tippecanoe, Vermilion, Vigo; possibly extirpated from those counties	Rivers
Insects			
Mitchell's satyr *(Neonympha mitchellii*)	Endangered	LaGrange, LaPorte	Fens

Species	Status	Counties	Habitat
Karner blue butterfly (*Lycaeides melissa samuelis*)	Endangered	Lake, Porter	Pine barrens and oak savannas on sandy soils and containing wild lupines *(Lupinus perennis)*, the only known food plant of larvae.
Plants			
Mead's milkweed	Threatened	Lake	Prairies
Pitcher's thistle (*Cirsium pitcheri*)	Threatened	Lake, Porter	Lakeshores; stabilized dunes and blowout areas
Running buffalo clover (*Trifolium stoloniferum*)	Endangered	Dearborn, Ohio, Ripley, Switzerland	Disturbed bottomland meadows

Distribution of Federally Threatened (T), Endangered (E), and Proposed (P) Species in Indiana (1999)

For more information about threatened and endangered species in Indiana, contact the U.S. Fish & Wildlife Service office at 620 South Walker Street, Bloomington, Indiana 47403-2121 (812/334-4261)

COUNTY	SPECIES	STATUS	HABITAT
Allen	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Wintering
Bartholomew	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Wintering
Blackford	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Wintering
Boone	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Wintering
Brown	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Wintering

COUNTY	SPECIES	STATUS	HABITAT
Carroll	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Wintering
	Clubshell (*Pleurobema clava*)	E	Rivers
	Fanshell pearly mussel (*Cyprogenia stegaria*)	E	Rivers
	Rough pigtoe (*Pleurobema plenum*)	E	Rivers
	Tubercled-blossom pearlymussel (*Epioblasma torulosa torulosa*)	E; possibly extirpated	Rivers
Cass	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Wintering
Clark	Gray bat (*Myotis grisescens*)	E	Caves
	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Wintering
Clay	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Wintering

COUNTY	SPECIES	STATUS	HABITAT
Clinton	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Wintering
Crawford	Gray bat (*Myotis grisescens*)	E	Caves
	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Wintering
De Kalb	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Wintering
	Clubshell (*Pleurobema clava*)	E	Rivers
	Northern riffleshell (*Epioblasma torulosa rangiana*)	E	Rivers
	White cat's paw pearlymussel (*Epioblasma obliquata perobliqua*)	E	Rivers
Dearborn	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Wintering
	Running buffalo clover (*Trifolium stoloniferum*)	E	Disturbed bottomland meadows

COUNTY	SPECIES	STATUS	HABITAT
Delaware	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Wintering
Dubois	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Wintering
Elkhart	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Wintering
Floyd	Gray bat (*Myotis grisescens*)	E	Caves
	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Wintering
Fountain	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Wintering
	Ring Pink (*Obovaria retusa*)	E	Rivers
	Tubercled-blossom pearlymussel (*Epioblasma torulosa torulosa*)	E; possibly extirpated	Rivers

COUNTY	SPECIES	STATUS	HABITAT
Fulton	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Wintering
	Clubshell (*Pleurobema clava*)	E	Rivers
	Rough pigtoe (*Pleurobema plenum*)	E	Rivers
	Tubercled-blossom pearlymussel (*Epioblasma torulosa torulosa*)	E; possibly extirpated	Rivers
Gibson	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Wintering
	Least Tern; interior population (*Sterna antillarum athalassos*)	E	
	Fat pocketbook (*Potamilus capax*)	E	Rivers
	Ring Pink (*Obovaria retusa*)	E	Rivers
	Tubercled-blossom pearlymussel (*Epioblasma torulosa torulosa*)	E; possibly extirpated	Rivers
Greene	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Wintering

COUNTY	SPECIES	STATUS	HABITAT
Hamilton	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Wintering
Hancock	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Wintering
Harrison	Gray bat (*Myotis grisescens*)	E	Caves
	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Wintering
Hendricks	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Wintering
Henry	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Wintering
Howard	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Wintering

COUNTY	SPECIES	STATUS	HABITAT
Huntington	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Wintering
Jackson	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Wintering
	Tubercled-blossom pearlymussel (*Epioblasma torulosa torulosa*)	E; possibly extirpated	Rivers
Jasper	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Wintering
Jay	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Wintering
Jefferson	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Wintering
Jennings	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Wintering

COUNTY	SPECIES	STATUS	HABITAT
Johnson	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Wintering
Knox	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Wintering
	Fat pocketbook (*Potamilus capax*)	E	Rivers
	Ring Pink (*Obovaria retusa*)	E	Rivers
	Rough pigtoe (*Pleurobema plenum*)	E	Rivers
	Tubercled-blossom pearlymussel (*Epioblasma torulosa torulosa*)	E; possibly extirpated	Rivers
Kosciusko	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Wintering
	Copperbelly water snake (*Nerodia erythrogaster neglecta*)	T	Wooded and permanently wet areas such as oxbows, sloughs, brushy ditches and floodplain woods
	Clubshell (*Pleurobema clava*)	E	Rivers
	Tubercled-blossom pearlymussel (*Epioblasma torulosa torulosa*)	E; possibly extirpated	Rivers

COUNTY	SPECIES	STATUS	HABITAT
La Porte	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Wintering
	Mitchell's satyr butterfly (*Neonympha mitchellii mitchellii*)	E	Fens
Lagrange	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Wintering
	Mitchell's satyr butterfly (*Neonympha mitchellii mitchellii*)	E	Fens
Lake	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Wintering
	Karner blue butterfly (*Lycaeides melissa samuelis*)	E	Pine barrens and oak savannas on sandy soils and containing wild lupines *(Lupinus perennis)*, the only known food plant of larvae.
	Pitcher's thistle (*Cirsium pitcheri*)	T	Lakeshores; stabilized dunes and blowout areas
	Mead's milkweed (*Asclepias meadii*)	T	Prairies
Lawrence	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Wintering
	Ring Pink (*Obovaria retusa*)	E	Rivers

COUNTY	SPECIES	STATUS	HABITAT
Madison	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Wintering
Marion	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Wintering
Marshall	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Wintering
	Clubshell (*Pleurobema clava*)	E	Rivers
Martin	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Wintering
	Fanshell pearly mussel (*Cyprogenia stegaria*)	E	Rivers
	Rough pigtoe (*Pleurobema plenum*)	E	Rivers
Miami	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Wintering

COUNTY	SPECIES	STATUS	HABITAT
Monroe	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Wintering
Montgomery	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Wintering
Morgan	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Wintering
Noble	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Wintering
Ohio	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Wintering
	Running buffalo clover (*Trifolium stoloniferum*)	E	Disturbed bottomland meadows
Orange	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Wintering

COUNTY	SPECIES	STATUS	HABITAT
Owen	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Wintering
Parke	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Wintering
Pike	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Wintering
Porter	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Wintering
	Karner blue butterfly (*Lycaeides melissa samuelis*)	E	Pine barrens and oak savannas on sandy soils and containing wild lupines *(Lupinus perennis)*, the only known food plant of larvae.
	Pitcher's thistle (*Cirsium pitcheri*)	T	Lakeshores; stabilized dunes and blowout areas
Posey	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Wintering
	Fat pocketbook (*Potamilus capax*)	E	Rivers
	Pink mucket (*Lampsilis abrupta*)	E	Rivers

COUNTY	SPECIES	STATUS	HABITAT
	Ring Pink (*Obovaria retusa*)	E	Rivers
	Rough pigtoe (*Pleurobema plenum*)	E	Rivers
	Tubercled-blossom pearlymussel (*Epioblasma torulosa torulosa*)	E; possibly extirpated	Rivers
Pulaski	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Wintering
	Clubshell (*Pleurobema clava*)	E	Rivers
	Northern riffleshell (*Epioblasma torulosa rangiana*)	E	Rivers
	Tubercled-blossom pearlymussel (*Epioblasma torulosa torulosa*)	E; possibly extirpated	Rivers
Putnam	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Wintering
Randolph	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	Y	Wintering
Ripley	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Wintering

COUNTY	SPECIES	STATUS	HABITAT
	Running buffalo clover (*Trifolium stoloniferum*)	E	Disturbed bottomland meadow
Rush	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Wintering
Shelby	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Wintering
St. Joseph	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Wintering
	Copperbelly water snake (*Nerodia erythrogaster neglecta*)	T	Wooded and permanently wet areas such as oxbows, sloughs, brushy ditches and floodplain woods
Starke	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Wintering
Steuben	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Wintering
	Copperbelly water snake (*Nerodia erythrogaster neglecta*)	T	Wooded and permanently wet areas such as oxbows, sloughs, brushy ditches and floodplain woods

COUNTY	SPECIES	STATUS	HABITAT
Sullivan	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Wintering
	Fanshell pearly mussel (*Cyprogenia stegaria*)	E	Rivers
	Ring Pink (*Obovaria retusa*)	E	Rivers
	Rough pigtoe (*Pleurobema plenum*)	E	Rivers
	Tubercled-blossom pearlymussel (*Epioblasma torulosa torulosa*)	E; possibly extirpated	Rivers
Switzerland	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Wintering
	Running buffalo clover (*Trifolium stoloniferum*)	E	Disturbed bottomland meadow
Tippecanoe	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Wintering
	Clubshell (*Pleurobema clava*)	E	Rivers
	Fanshell pearlymussel (*Cyprogenia stegaria*)	E	Rivers
	Ring pink (*Obovaria retusa*)	E	Rivers
	Rough pigtoe (*Pleurobema plenum*)	E	Rivers

COUNTY	SPECIES	STATUS	HABITAT
	Tubercled-blossom pearlymussel (*Epioblasma torulosa torulosa*)	E; possibly extirpated	Rivers
Vermillion	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Wintering
	Ring Pink (*Obovaria retusa*)	E	Rivers
	Tubercled-blossom pearlymussel (*Epioblasma torulosa torulosa*)	E; possibly extirpated	Rivers
Vigo	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	E	Rivers
	Ring Pink (*Obovaria retusa*)	E	Rivers
	Rough pigtoe (*Pleurobema plenum*)	E	Rivers
	Tubercled-blossom pearlymussel (*Epioblasma torulosa torulosa*)	E; possibly extirpated	Rivers
Wabash	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Wintering
	Fanshell pearlymussel (*Cyprogenia stegaria*)	E	Rivers

COUNTY	SPECIES	STATUS	HABITAT
Warren	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Wintering
	Ring Pink (*Obovaria retusa*)	E	Rivers
	Rough pigtoe (*Pleurobema plenum*)	E	Rivers
	Tubercled-blossom pearlymussel (*Epioblasma torulosa torulosa*)	E; possibly extirpated	Rivers
Washington	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Rivers
Wayne	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Rivers
Wells	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Rivers
White	Indiana bat (*Myotis sodalis*)	E	Hibernaria = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Bald eagle (*Haliaeetus leucocephalus*)	T	Wintering

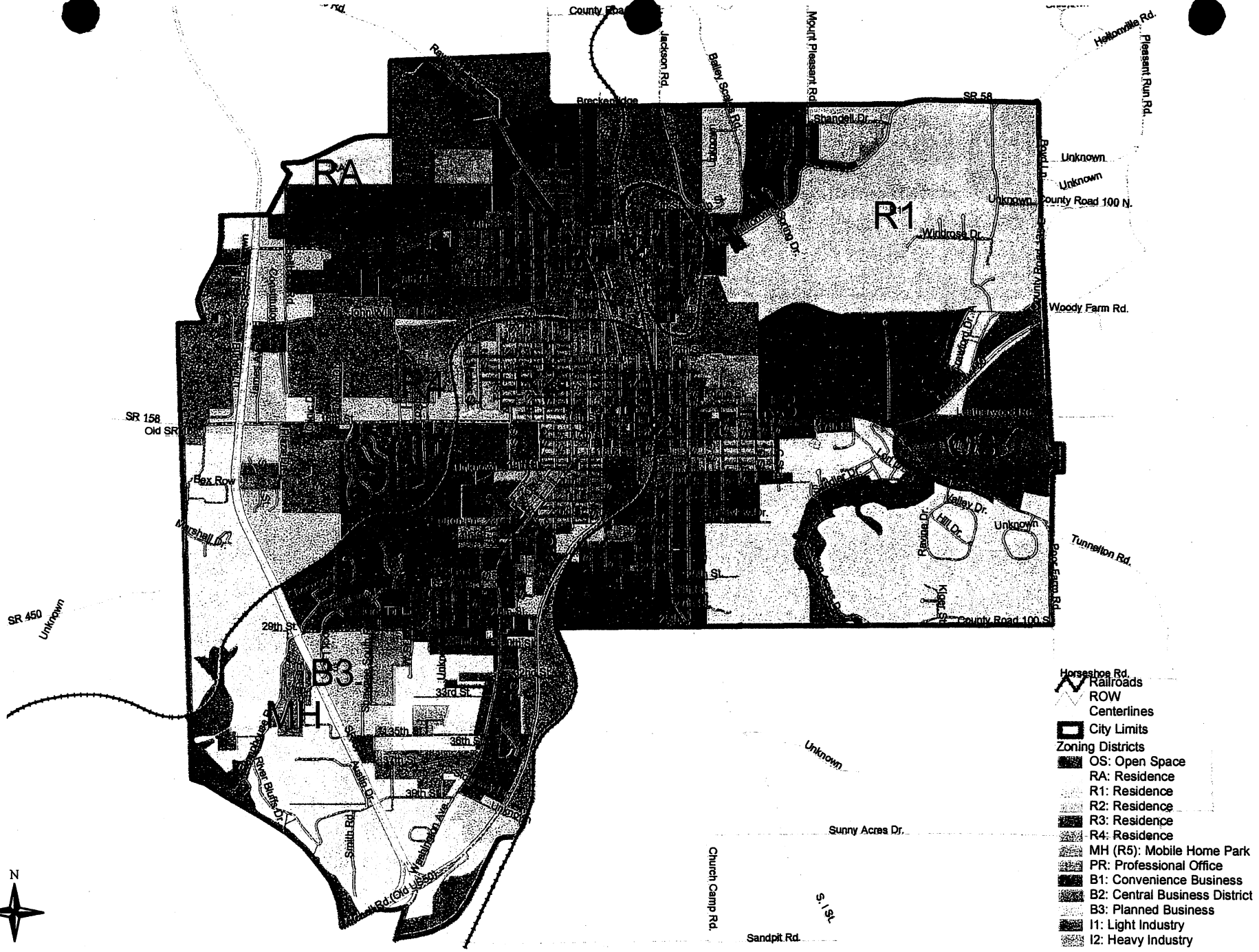
COUNTY	SPECIES	STATUS	HABITAT
	Clubshell (*Pleurobema clava*)	E	Rivers
	Fanshell pearlymussel (*Cyprogenia stegaria*)	E	Rivers

E = Endangered
T = Threatened

MAY 25, 2001

APPENDIX D.1

CITY OF BEDFORD ZONING DISTRICTS



HNTB
ARCHITECTS ENGINEERS PLANNERS
INDIANAPOLIS, INDIANA

Unknown Units: View1

City of Bedford

July 14, 2000

MAY 25, 2001

APPENDIX D.2

REPORT OF THE SOIL AND FOUNDATION INVESTIGATION FOR THE PROPOSED WATER POLLUTION CLARIFICATION SYSTEM

CENTRAL FOUNDRY DIVISION
GENERAL MOTORS CORPORATION
BEDFORD PLANT
BEDFORD, INDIANA 47421

REPORT OF THE SOIL AND FOUNDATION INVESTIGATION FOR THE PROPOSED WATER POLLUTION CLARIFICATION SYSTEM, BEDFORD, INDIANA

PREPARED BY
PITTSBURGH TESTING LABORATORY
November, 1972 IND 2239

PITTSBURGH TESTING LABORATORY
ESTABLISHED 1881
INSPECTING ENGINEERS AND CHEMISTS
2828 N. WEBSTER AVENUE
INDIANAPOLIS, INDIANA 46219

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Nov. 21, 1972 IND 2239

Central Foundry Division
General Motors Corporation
Bedford Plant
Bedford, Indiana 47421

Sub: Soil and Foundation Investigation
Proposed Water Pollution Clarification
System, Bedford, Indiana

Gentlemen:

In accordance with your authorization, we have completed a soil and foundation investigation at the subject site and are pleased to submit the following report on the results of the investigation:

PURPOSE AND SCOPE

The purpose of this report is to present the results of our findings along with our interpretation of these, and recommendations to aid design and construction of foundations for the proposed Water Pollution Clarification System. These recommendations were developed on the basis of the specific information obtained at the boring locations during this investigation. The general stratification of the subsurface conditions other and poorer than those encountered may exist between boring locations and require some adjustments during construction.

PROJECT CHARACTERISTICS

The project site is located adjacent to and south of the main GMC Central Foundry Facility in the City of Bedford, Indiana. This clarification System will consist of a Control Room with attached Hydraulic Storage Pit, a north and a south Clarithickener, and a Reactor Clarifier. Some of the more important information about these units follows:

Control Room With Attached Hydraulic Storage Pit

The Control Room is a one-story building covering an area 22 feet by 29 feet. Its finished floor elevation will reportedly be 696.00. Standard brick and block construction will be used. A basement is proposed with poured concrete walls. Maximum loads are expected to be relatively light.

A Hydraulic Storage Pit is to be located adjacent to the north wall of Control Room. It will cover an area 11 feet by 22 feet. The Pit bottom will reportedly be at elevation 681.00.

North and South Clarithickeners

Two clarithickeners are proposed for this facility. They will be 45 feet in diameter and 19'-6 3/4" deep. Their top elevation will be 696.5 and their bottom elevation will be 676.94.

Reactor Clarifier

The Reactor Clarifier will be 44 feet in diameter and will be 16'- 8" deep. Its top elevation will be 693.5 and its bottom elevation is proposed at 673.83.

Three ponds currently exist at the site. The water elevations are 690.9, 689.2 and 686.8 in ponds Nos. 1, 2 and 3 respectively. The proposed facilities will be located at least partially in the area of pond No. 1, and in some cases completely. It is our understanding that a parking area is proposed in the area of pond No.2.

Field Investigation

Four (4) borings were put down at the subject site at locations shown on the Location of Boring drawing contained in the Appendix to this report. The borings were generally drilled to depths ranging between about 7.5 and 22 feet below existing ground.

Borings were advanced by using a truck-mounted rotary drilling rig equipped to secure both disturbed and undisturbed soil samples. To determine the relative density of cohesionless soils, the consistency of cohesive soils, and to secure samples for visual identification of the soil types encountered, standard penetration tests were made in accordance with A.S.T.M. D-1586, at about 2.5 to 5.0 foot intervals of depth in each boring. Typical samples of the soils encountered were sealed in glass jars and sent to the laboratory.

Standard penetration tests are made by driving a standard 1-3/8" I.D. split barrel penetration spoon one-foot into undisturbed soil by

means of a 140 lb. drop weight free falling a distance of thirty inches.

A graphical representation of the logs of borings is given in the Appendix for reference. These sheets include:

1. The results of the standard penetration tests (N values).

2. Visual classifications of soils encountered at different depths.

3. Ground water level information where it was encountered.

FOUNDATION SUBSOIL CONDITIONS

The soil borings indicate that the foundation subsoil conditions at the site are somewhat variable. Surficial deposits in the area of borings 1 and 2 consist primarily of miscellaneous soil fill material. This material was extremely variable in both composition and condition. It generally extended to depths ranging between 7.5 and 20 feet below existing ground.

Below the miscellaneous fill at borings 1 and 2, and starting at the surface at borings 3 and 4 are various layers of medium stiff to very stiff clay or silty clay. These soils extended to the bottom of the borings. Auger refusal was encountered at depths of 22, 7.5 and 8 feet below existing ground at the location of borings 2, 3 and 4, respectively.

Free ground water level observations were made upon completion of the drilling. These observations indicate the water table was encountered at depths ranging between 5 and 10 feet below existing ground.

LABORATORY INVESTIGATION

All of the samples obtained in the field were brought to the laboratory for examination and testing. The field classifications were checked and modified if it was considered necessary.

Several unconfined compression tests were performed to assess the shear strength of the foundation soils. To obtain information about the soil index properties, natural moisture content and dry density determinations were performed. The results obtained from the various tests were tabulated and placed in the Appendix for reference.

ENGINEERING ANALYSES

Soil bearing capacity was computed as a function of depth below the lowest adjacent grade. The footings were considered to be at a minimum depth of 3 feet below final grade. The bearing capacity safety factor was on the order of 3 and was in some areas well above this limit. This safety factor was included in the recommended soil pressures.

The soil pressures recommended for use on this project were based on bearing capacity considerations and settlement evaluations of the foundation soils encountered. The settlements were estimated on the basis of the results of the field tests. The recommended soil pressure were adjusted so as to limit the estimated total settlements to about one (1) inch.

The evaluation was made on the basis of the least favorable soil conditions combined with the most severe loading conditions. It is therefore anticipated that the settlements in general will be less than the above limit, unless otherwise stated. Differential movements are expected to be on the order of three quarters of an inch maximum which is about 75 percent of the expected settlement. Most structures can readily tolerate such movements, however, it would be advisable to review the design of the proposed structure for this project considering the above mentioned settlement limits.

CONCLUSIONS AND RECOMMENDATIONS
GENERAL

1. The bottom of all excavations should be inspected at the time of construction by a representative of Pittsburgh Testing Laboratory to assure that all undesirable material has been removed, and the desired bearing material has been reached. The entire area should be proof-rolled with a heavy roller, in an attempt to locate soft surface areas. All soft soils, miscellaneous fill and organic soils should be removed and replaced with suitable fill material.

2. The materials used as backfill should be inspected by a soils engineer or his representative and approved prior to being used. A sufficient number of field density tests should be performed to assure that the specified compaction requirements are being fulfilled.

3. All soil placed under footings should be compacted to at least 100 percent of the maximum dry density as determined by A.S.T.M. Designation D-1557.

4. All soil placed around or above footings should be compacted to at least 93% of the maximum dry density as determined by A.S.T.M. Designation D-1557.

5. Rigid moisture control of soils should be maintained during construction of controlled backfills. The soils should be compacted at or near the optimum moisture content as determined by A.S.T.M. Designation D-1557.

6. If a compacted fill is used under footings at the site, it is recommended that the engineered compacted fill be constructed from a granular non-plastic, well-graded material. The fill should be compacted in layers not to exceed six to eight inches in compacted thickness. Pit run or bank run granular soils, road base material and other similar soils are usually good materials for this type of compacted fill.

The width of the compacted fill under the footings should be equal to the width of the footing plus a dimension equal to two times the thickness dimension of the engineered compacted fill under the bottom of the footing.

7. Extreme care should be taken not to allow weakening of the foundation soils because of prolonged atmospheric exposure, disturbance or an increase in water content of the foundation soils. Should a delay in concrete placement be anticipated, footing excavations should be finished about 6 inches high and subsequently cut to grade immediately before placement.

8. It is recommended that the floor slabs be supported on at least 12 inches of base course of relatively clean granular material such as sand, sand and gravel or crushed stone. This granular base course will help distribute concentrated loads and equalize moisture conditions beneath the slabs.

9. The floor slab should be floating, that is not structurally connected to the walls or foundations. This is to minimize the possibility of undue cracking of the floor slab because of differential movement between the slab and the foundation. Such movements may be excessive for rigid connections between the foundations and a ground supported slab.

10. All continuous (wall type) footings should be a minimum of 18 inches in width for bearing capacity considerations.

11. Adequate drainage should be provided at the site. All final grades, pavements and parking areas should be sloped away from the structure.

Specific

1. Due to the extremely variable nature and condition of the surficial fill material encountered at borings 1 and 2, it would be advisable to completely remove this material within the structure and any other paved areas, and replace it with an engineered compacted fill. Before backfilling, the area should be proof-rolled with a heavy roller and any soft areas disclosed by this operation should also be removed.

2. If proposed structures or paved areas are to be placed over existing ponds, the ponds should be drained, soft sediments should be removed down to stable soils, and backfilling should be accomplished with an engineered compacted fill. Proof rolling would be advisable in these areas also. These operations should be supervised by a representative of Pittsburgh Testing Laboratory.

3. If the above recommendations are followed, a net allowable bearing pressure of 2,000 psf can be used. When using net pressures, the weight of the footing and backfill over the footing need not be considered.

4. If the footings are designed as recommended above, the resulting settlements should be within tolerable limits.

5. Due to the depth of some proposed excavations, it is anticipated that dewatering problems will be encountered.

6. It is likely that bedrock will be encountered before reaching the anticipated bottom depth at the location of the south clari-thickener and the Reactor Clarifier. The bedrock may also be encountered in some of the other deeper excavation locations, but additional borings would be needed to verify this.

7. The structures located below the water table will have to be designed to resist the uplift forces resulting from the high water table in the area.

We appreciate this assignment and trust the above information will provide the data required for design purposes. If we can be of any further assistance, please advise.

Respectfully submitted,
PITTSBURGH TESTING LABORATORY

N. Ray Neel, Manager
Indianapolis District

cc: 3 Client
NRN/jp

Appendix

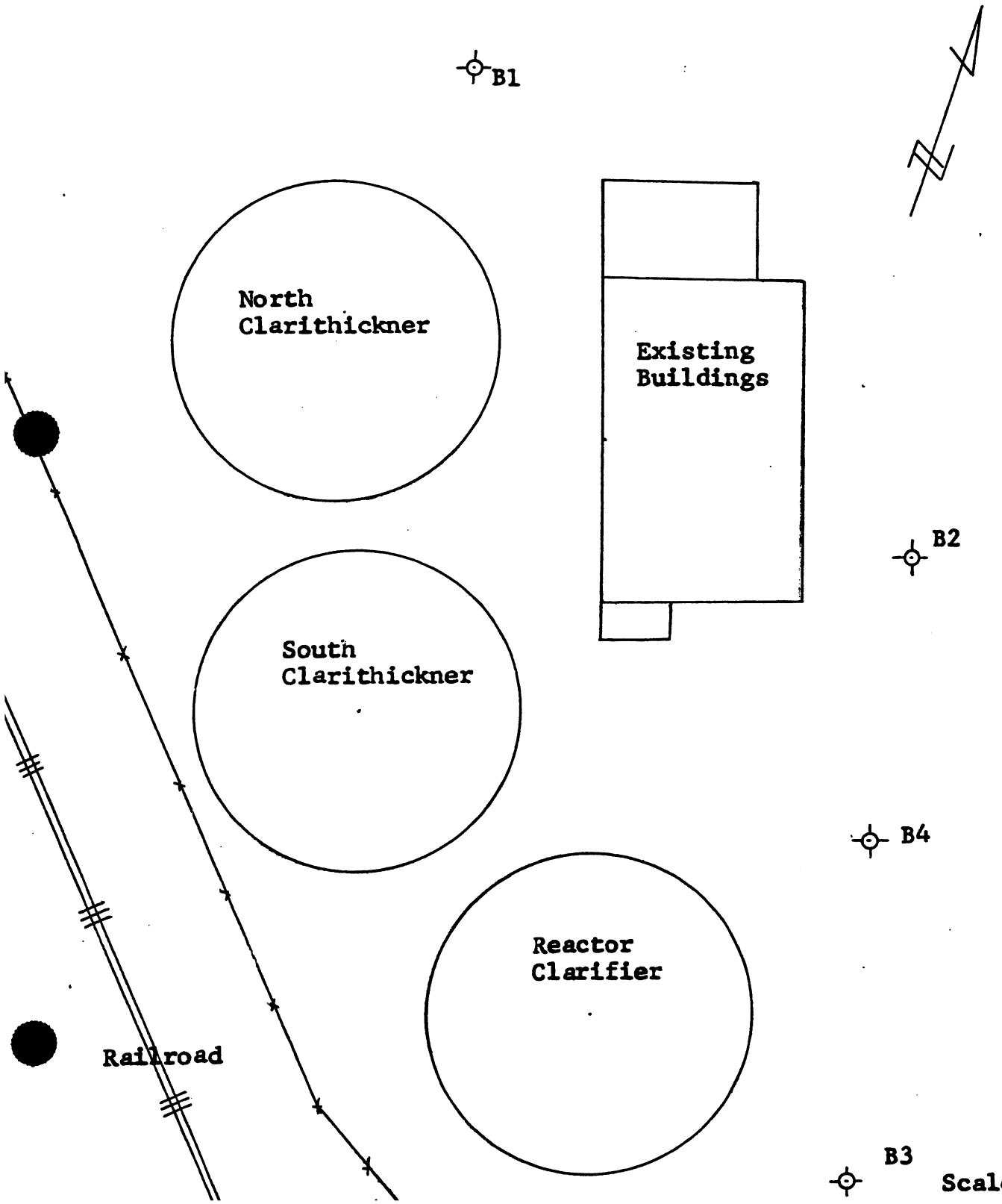
1. Map of Boring Locations
2. Chart of Soil Classification
3. Log of Borings
4. Chart of Unconfined Compressive Strength of Soils

NOV 2 1972

Central Foundry Division
Bedford, Indiana

Pittsburgh Testing Laboratory
Nov. 22, 1972 IND 2239

Boring Location Map

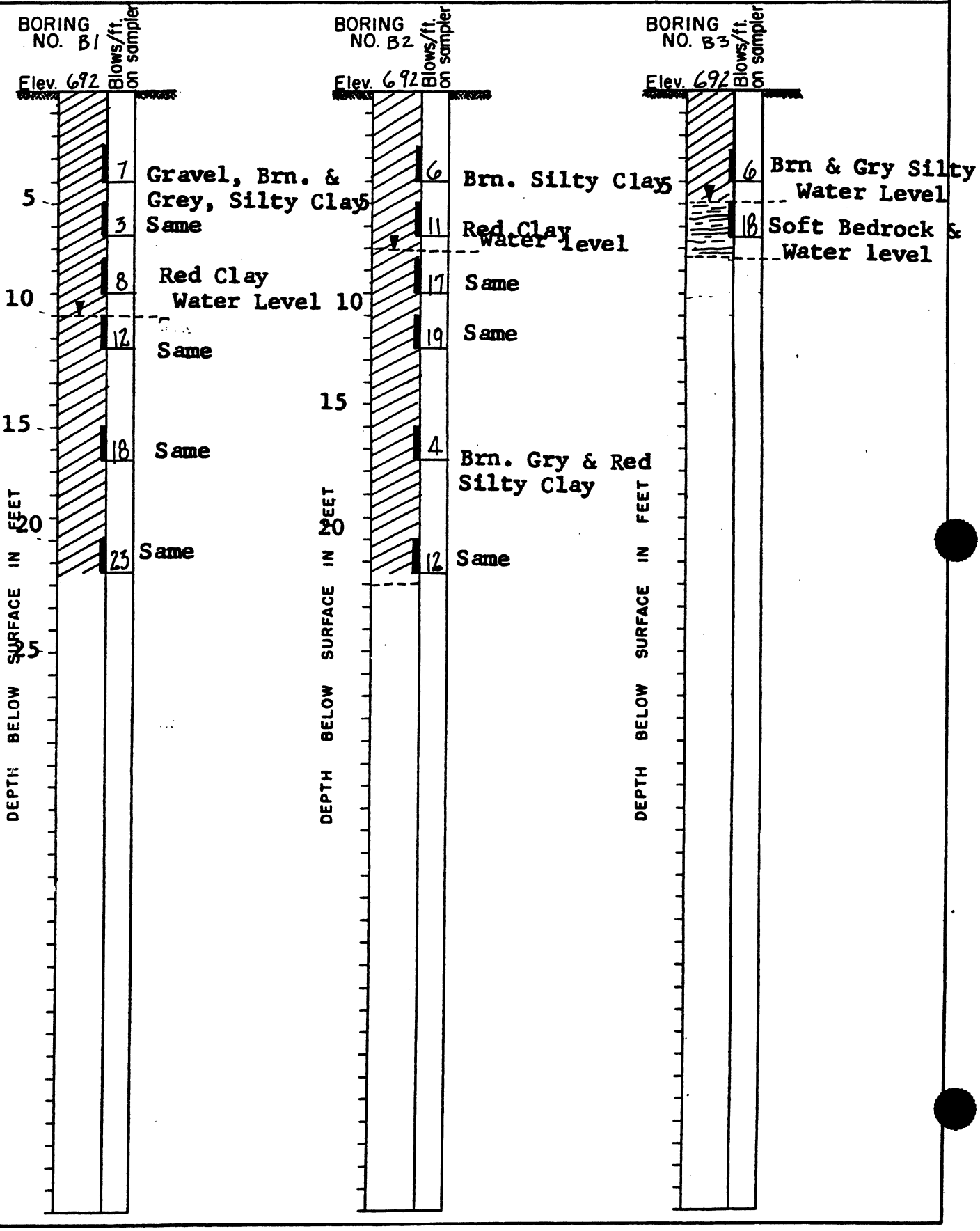


Form 1321

PITTSBURGH TESTING LABORATORY
LOG OF BORINGS

Client: Central Foundry Division
Project: Water Clarification System

Date: Nov. 21, 1972
Order No. IND 2239

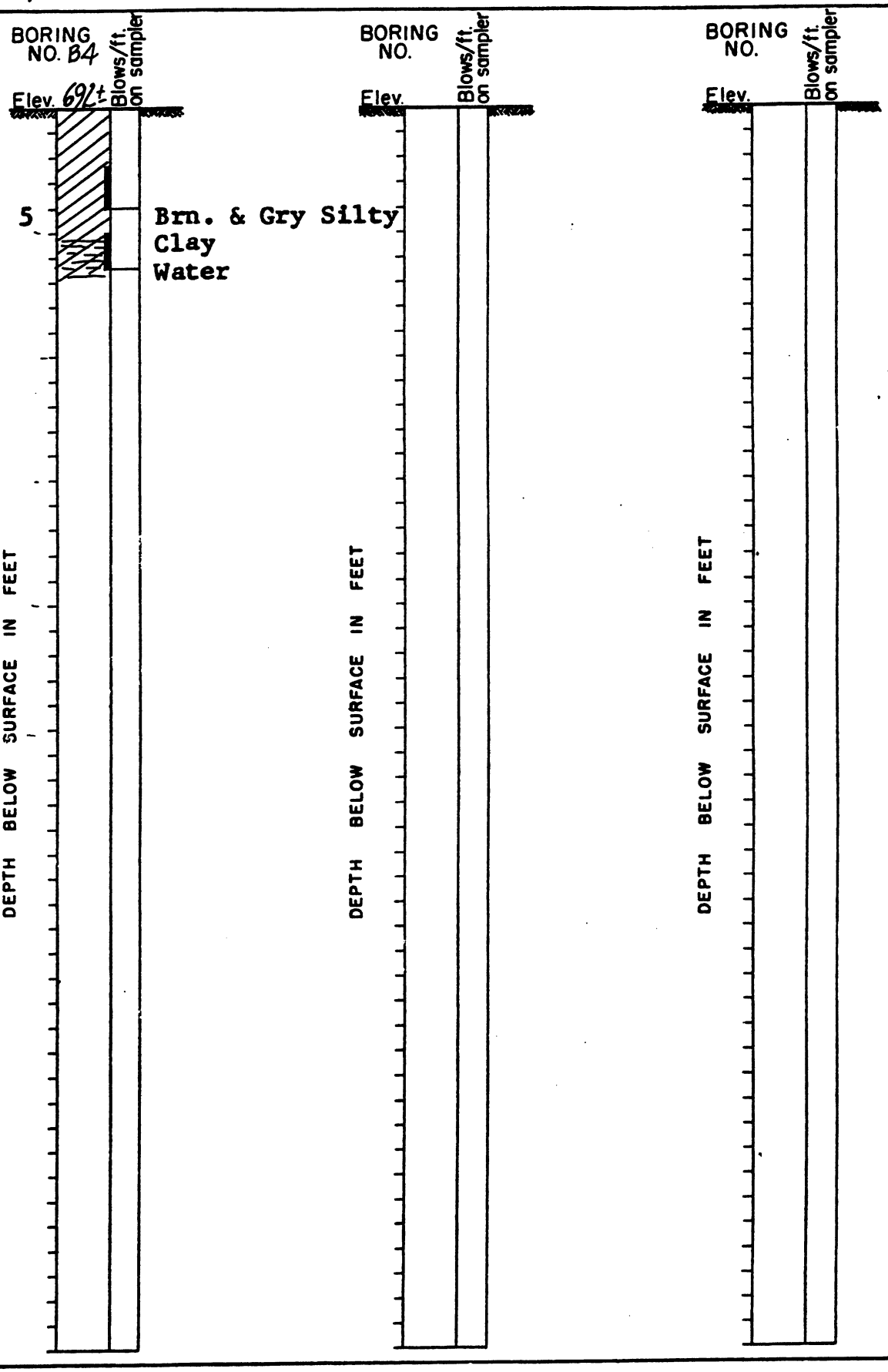


Form 1321

PITTSBURGH TESTING LABORATORY
LOG OF BORINGS

Client: Central Foundry Division
Project: Water Clarification System

Date: Nov. 21, 1972
Order No. IND 2239



Central Foundry Division
General Motors Corporation
Bedford Plant
Bedford, Indiana 47421

Pittsburgh Testing Laboratory
IND 2239 Nov. 22, 1972

Unconfined Compressive Strength of Soils

Sample #	Boring No.	Depth in Ft.	% Moisture	Wet Density lbs. Cu. Ft	Dry Density lbs. Cu. ft.	Load Tons Ft. 2
1	1	7½-9	30.7	109.3	83.6	1.47
2	2	5-6½	29.3	104.5	80.8	1.82
1	2	15-16½	25.1	135.5	108.3	0.69

SOIL CLASSIFICATION SYSTEM

MAJOR DIVISIONS			GROUP SYMBOLS	TYPICAL NAMES
COARSE GRAINED SOILS (More than 50% of material is LARGER than No. 200 sieve size)	GRAVELS (More than 50% of coarse fraction is LARGER than the No. 4 sieve size)	CLEAN GRAVELS (Little or no fines)	GW	Well graded gravels, gravel - sand mixtures, little or no fines.
			GP	Poorly graded gravels or gravel - sand mixtures, little or no fines.
		GRAVELS WITH FINES (Appreciable amt. of fines)	GM	Silty gravels, gravel - sand - silt mixtures.
			GC	Clayey gravels, gravel - sand - clay mixtures.
	SANDS (More than 50% of coarse fraction is SMALLER than the No. 4 sieve size)	CLEAN SANDS (Little or no fines)	SW	Well graded sands, gravelly sands, little or no fines.
			SP	Poorly graded sands or gravelly sands, little or no fines.
		SANDS WITH FINES (Appreciable amt. of fines)	SM	Silty sands, sand-silt mixtures.
			SC	Clayey sands, sand-clay mixtures.
FINE GRAINED SOILS (More than 50% of material is SMALLER than No. 200 sieve size)	SILTS AND CLAYS (Liquid limit LESS than 50)		ML	Inorganic silts and very fine sands, rock flour, silty or clayey fine sands or clayey silts with slight plasticity.
			CL	Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays.
			OL	Organic silts and organic silty clays of low plasticity.
	SILTS AND CLAYS (Liquid limit GREATER than 50)		MH	Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silts.
			CH	Inorganic clays of high plasticity, fat clays.
			OH	Organic clays of medium to high plasticity, organic silts.
HIGHLY ORGANIC SOILS			Pt	Peat and other highly organic soils.

BOUNDARY CLASSIFICATIONS: Soils possessing characteristics of two groups are designated by combinations of group symbols.

PARTICLE SIZE LIMITS

SILT OR CLAY	SAND			GRAVEL		COBBLES	BOULDERS
	FINE	MEDIUM	COARSE	FINE	COARSE		

No. 200 No. 40 No. 10 No. 4 ¾ in. 3 in. (12 in.)

U.S STANDARD SIEVE SIZE

RELATIVE DENSITY (sand-silt)

Very Loose – Less than 4 blows per foot
Loose – 4 to 10 blows/ft.
Medium – 10 to 30 blows/ft.
Dense – 30 to 50 blows/ft.
Very Dense – More than 50 blows/ft.

CONSISTENCY (clay)

Very Soft – Less than 2 blows per foot
Soft – 2 to 4 blows/ft.
Medium – 4 to 8 blows/ft.
Stiff – 8 to 15 blows/ft.
Very Stiff – 15 to 30 blows/ft.
Hard – More than 30 blows/ft.

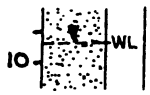
KEY TO BORING LOGS



Number of blows of a 140-lb. weight falling 30 in. in req'd. to drive st'd. spoon one foot.



Thin-wall Shelby tube undisturbed sampler used



Free ground water level



Percent core recovery from rock core-drilling operations



Sample not recovered



Fill



Limestone



Sandstone



Igneous Rock

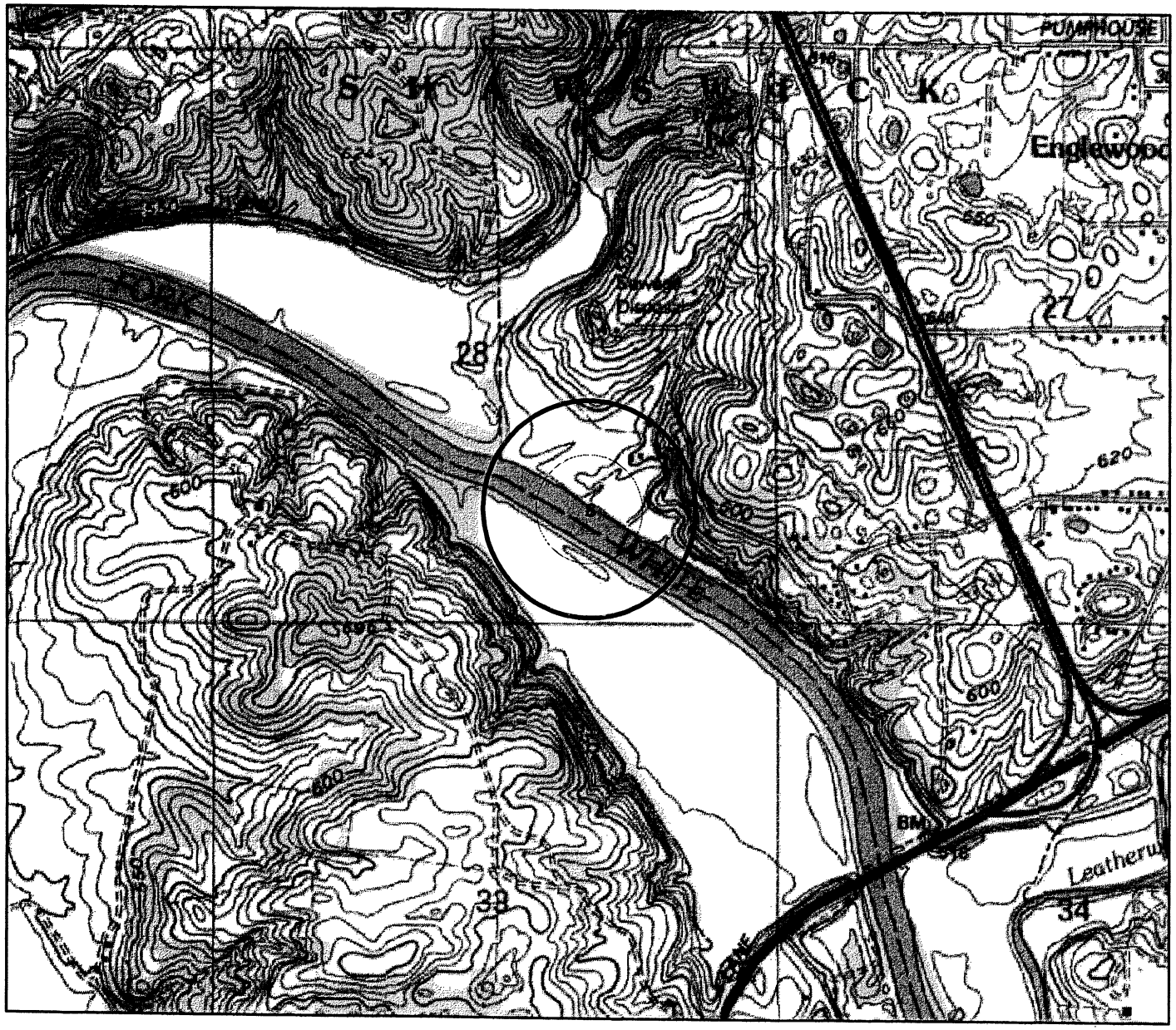


Shale

APPENDIX D.3

SURFACE WATER INTAKES

Bedford City Utilities



Surface Water Intake

500 Foot Radius

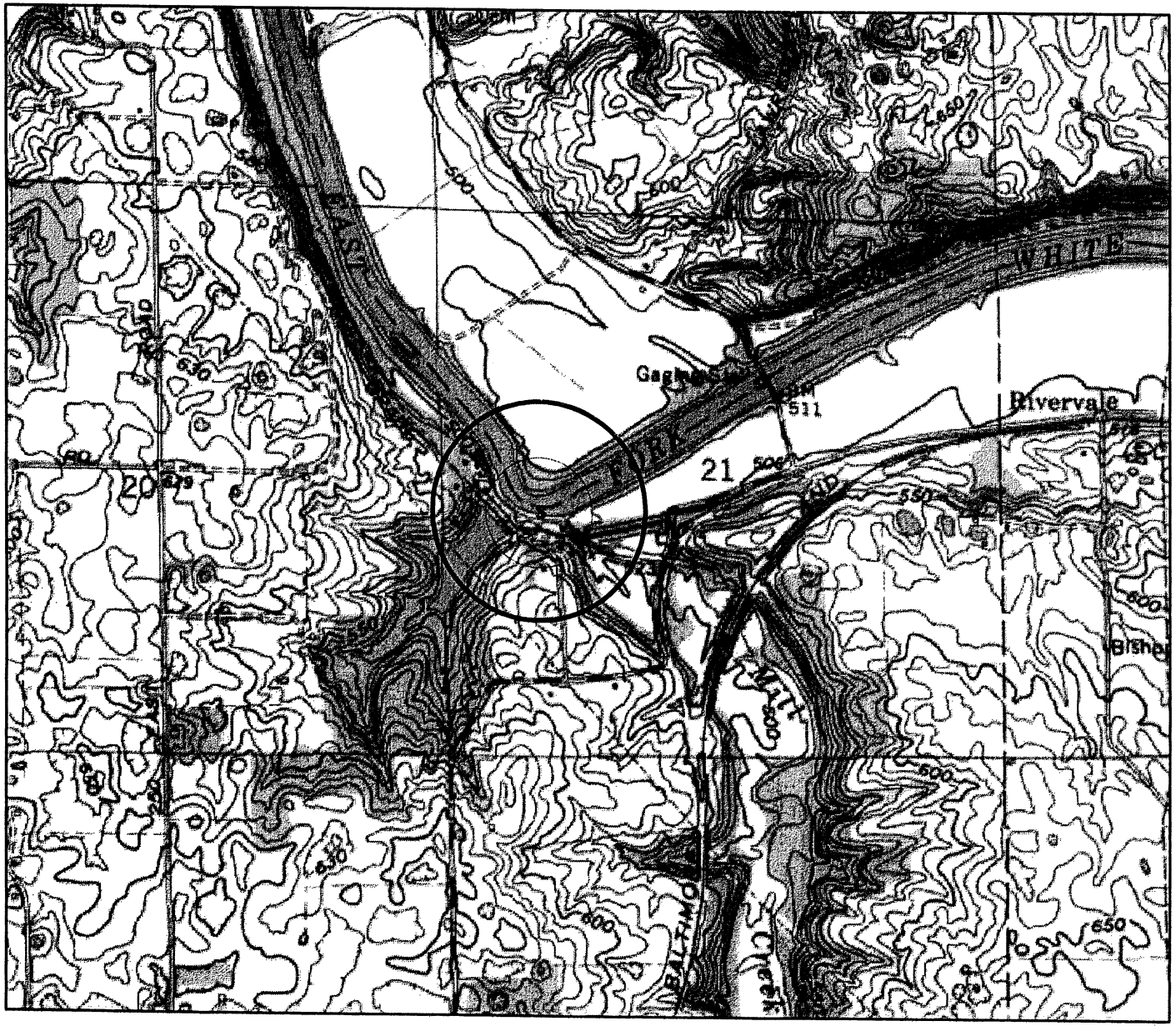
1000 Foot Radius

500 0 500 1000 Feet

N

IDEM

Mitchell Water Department



THERE ARE NO ATTACHMENTS FOR APPENDIX E