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DIVISION OF WATER RESOURCES

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GROUND-WATER RESOURCES OF WEST-CENTRAL INDIANA

Preliminary Report: Greene County

Prepared by the

GEOLOGICAL SURVEY

UNITED STATES DEPARTMENT OF THE INTERIOR

In cooperation with the

DIVISION OF WATER RESOURCES

INDIANA DEPARTMENT OF CONSERVATION

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Donald E. Foltz, Director

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Charles H. Bechert, Director

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Preliminary Report: Greene County

BY

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By F. A. Watkins, Jr. and D. G. Jordan

ABSTRACT

Greene County in west-central Indiana has an area of about 549 square miles. Consolidated rocks of Mississippian and Pennsylvanian ages and unconsolidated rocks of Pleistocene age are the sources of ground water for domestic, stock, industrial and public supplies. Most of the industrial wells and all of the municipal supply wells tap rocks of Pleistocene age. Wells in the consolidated rocks range in depth from about 40 to about 390 feet and those in the unconsolidated deposits range in depth from about 20 to about 200 feet. The ground waters differ greatly in chemical quality, and field chemical analyses show that locally the iron, sulfate, or chloride content exceeds the recommended standards of the U. S. Public Health Service (1946) for drinking water. Hardness of ground water ranges from soft to very hard in Greene County.

This preliminary report contains tabulated records of about 570 wells and test holes giving information about well construction, water levels, conditions of occurrence, and characteristics of the water-bearing material; selected logs for about 425 wells and test holes giving the driller's description of the material encountered, and a tentative interpretation of their geologic age by the authors; records of 20 springs giving information about geologic source, yield, and temperature of the water; results of 276 field chemical analyses of water from wells, 20 field chemical analyses from springs, and 38 field chemical analyses from streams giving the hardness and the carbonate, bicarbonate, chloride, iron, and sulfate content; and water levels in 3 observation wells indicating the magnitude of short and long-term water-level fluctuations in the unconsolidated rocks. These basic data form much of the material to be used in an interpretive report on the ground-water resources and geology of the area.

A base map of Greene County shows the location of all water wells, springs, oil wells, test holes, drain holes, or holes drilled for purposes other than water supply, and stream sampling sites listed in this report. Additional maps show the availability of ground water and generalized quality of water with respect to hardness and an area of high chloride content.

INTRODUCTION

Purpose and Scope

An investigation of the ground-water resources and geology of nine counties in west-central Indiana has been conducted intermittently since 1950. In 1956 the investigation was placed on a full-time basis and another county was added to the area of study. This investigation is being made by the U. S. Geological Survey in cooperation with the Division of Water Resources, Indiana Department of Conservation, as a part of a broad program of these agencies to inventory and evaluate the ground-water resources of Indiana.

This report is the first of a series of preliminary reports to be published on the ground-water resources and geology of west-central Indiana. The purpose of this report is to make the basic data collected during the investigation available to the public, and to provide a preliminary evaluation of the ground-water conditions and geology as an aid to the development of the ground-water resources. A more detailed and comprehensive analysis will be published in an interpretive report on the ground-water resources and geology of the area.

The investigation was made under the general direction of A. N. Sayre and P. E. LaMoreaux, successive Chiefs of the Ground Water Branch of the Geological Survey and under the immediate supervision of F. H. Klaer, former District Geologist, and C. M. Roberts, District Geologist of the Ground Water Branch for Indiana.

Location and Areal Extent

Greene County is located in the west-central portion of Indiana (fig. 1). The county is rectangular in shape and contains about 549 square miles. It is bounded on the north by Clay and Owen Counties, on the east by Lawrence and Monroe Counties, and on the south by Daviess, Knox, and Martin Counties, and on the west by Sullivan County.

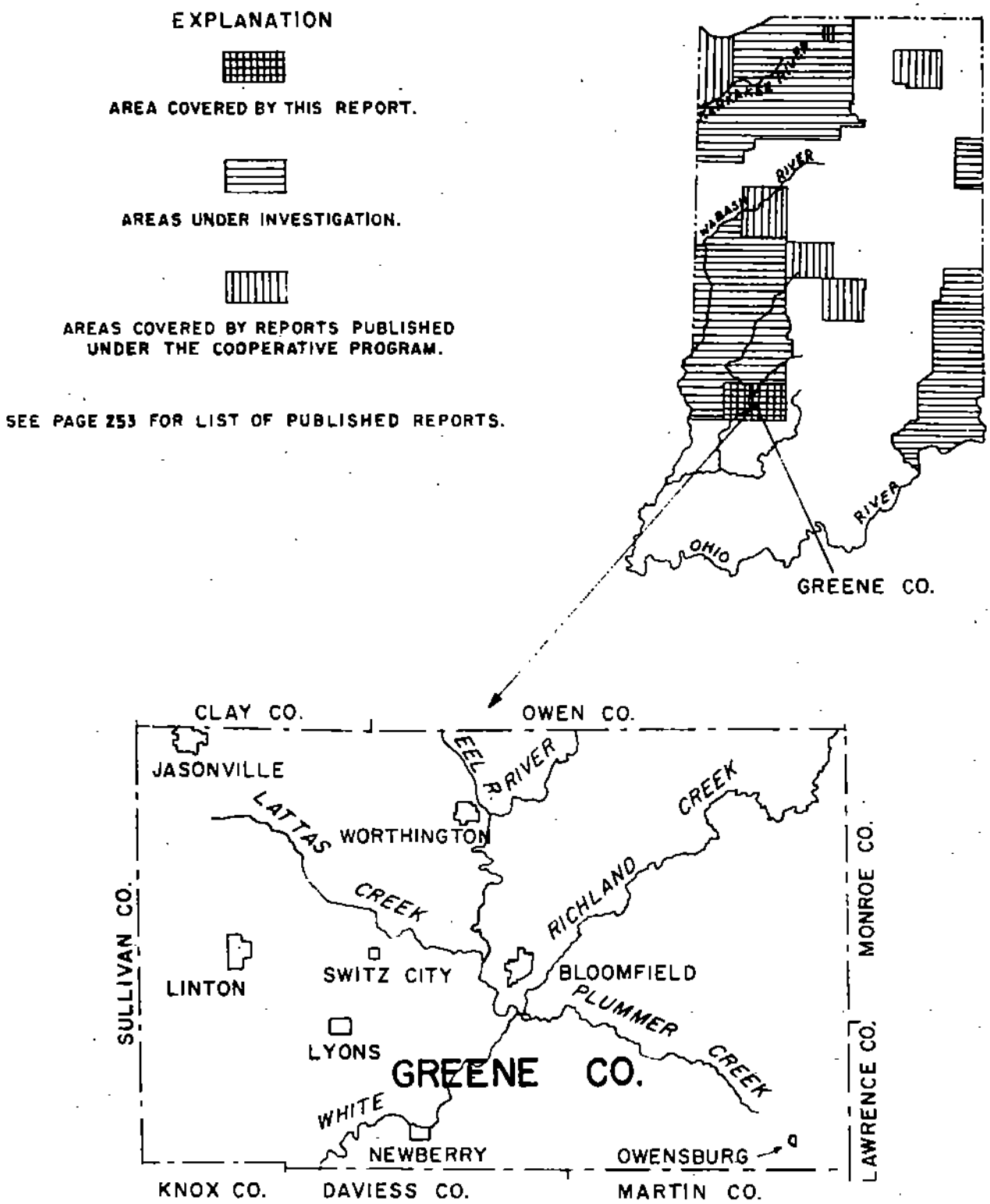

FIGURE 1.--Map of Indiana showing area covered by this report, areas under investigation, and areas covered by reports published under the cooperative program.

Well-Numbering System

A numbering system is used to locate and identify the wells, test holes, and springs in this report. The number assigned to the well, test hole, or spring indicates its location according to the official rectangular survey of public lands. For example, in the number for well 7/5W-32P1, the part preceding the hyphen indicates that the well is in T. 7 N., R. 5 W. The first number after the hyphen indicates the section in which the well is located. Each quarter-quarter section (40-acre tract) within a section is given a letter symbol as shown in figure 2. Within the quarter-quarter section, wells are numbered serially. Therefore, well 7/5W-32P1 is the first well listed in SE¼SW¼ sec. 32, T. 7 N., R. 5 W.

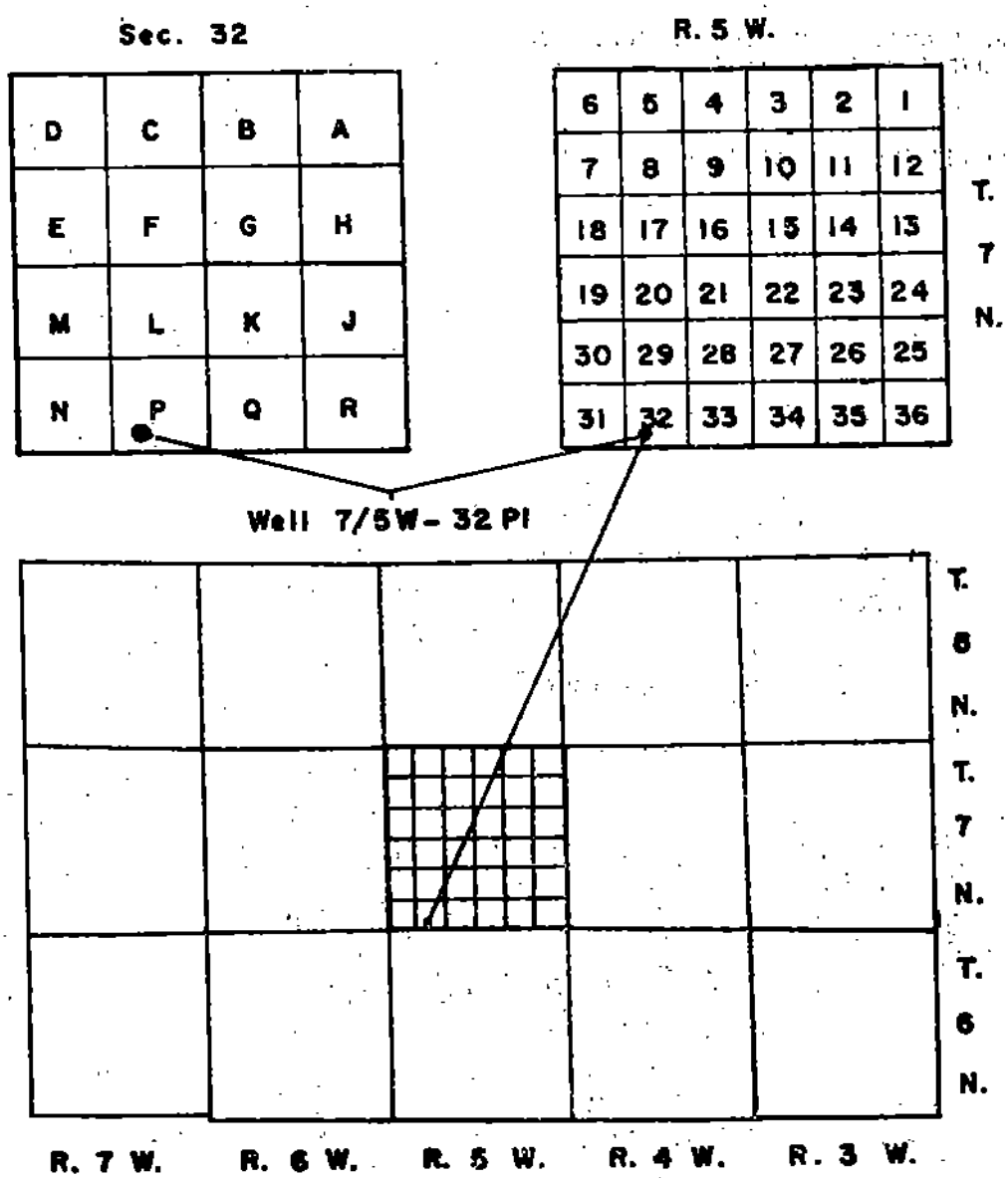

FIGURE 2.--Sketch showing well-numbering system

Acknowledgments

The authors thank all persons who contributed time, information, and assistance during the collection, tabulation, and processing of data for this report. We especially thank the well drillers listed in the table of well records who furnished much of the information summarized in tables 1 and 2.

The authors also thank the following government agencies which provided information for the report: Division of Oil and Gas, and Division of Water Resources, Indiana Department of Conservation.

DATA COLLECTION AND PROCESSING

The well data were collected from drillers, water works superintendents, and others. The well records obtained from drillers were of two types--written records and reports from memory. A tentative driller's location of the well record was obtained at the time of collection and this was checked against the property records in the county courthouse to verify the location, to locate the property, and to obtain the name of the current property owner. Discrepancies between the driller's location and the location shown in the plat books were corrected. The well location was then checked in the field and its location plotted on the appropriate U. S. Geological Survey 7½ minute topographic quadrangle map. The locations given on the records of test holes, oil or gas exploration holes, and wells from other reports were accepted without further verification.

Plate 1 shows the location of water wells, springs, oil wells, test holes, drain holes, or holes drilled for purposes other than water supply, and stream sampling sites. All locations are accurate to the nearest quarter-quarter section and most locations are shown to the nearest quarter-quarter-quarter section (10 acres). The basic data for these wells and holes drilled for purposes other than water supply are summarized in table 1. Selected driller's logs of wells and other drill holes and tentative interpretations by the authors of the geologic age of the material encountered are given in table 2. Basic data for the springs are summarized in table 4.

Samples of water were collected at the time the well and spring sites were visited and from the streams during a period of low flow. These water samples were analyzed in the field office for hardness, alkalinity, and chloride content by standard titration methods. Sulfate was determined by a turbidimetric method using a colorimeter when concentrations were below 100 parts per million and by a standard titration method when concentrations exceeded 100 parts per million. The alkalinity is expressed as carbonate and bicarbonate. The total iron content was determined at the well site by the bipyridine method by comparison with standard color ampules having known iron concentrations. The results of the field chemical analyses (tables 3, 4, and 5) were used to select sites for collecting larger water samples for more comprehensive and accurate analyses by the laboratory of the U. S. Geological Survey.

During the investigation observation wells were established to measure the fluctuations of water level. Table 6 contains water levels obtained from these wells. Data from these wells show seasonal and longer term variations of the ground-water levels.

GEOLOGIC SOURCES OF GROUND WATER

The oldest consolidated rocks underlying Greene County that are important as ground-water sources are of Middle and Late Mississippian and Early and Middle Pennsylvanian age. The rocks of Middle Mississippian age are predominantly limestone whereas those of Late Mississippian age are composed of alternating beds of sandstone, shale, and limestone, in which sandstone and shale predominate. The rocks of Early and Middle Pennsylvanian age consist chiefly of sandstone, sandy shale, and shale. Limestone and coal make up a minor part of the rock units in this sequence. The limestone is of little economic importance but the coal is of major economic importance although it makes up but a small percent of the rocks of Pennsylvanian age.

The rocks of Mississippian age crop out in the eastern one-third of the county. The limestones and sandstones are the chief bedrock source of ground water in this area, the limestones being the more important water-bearing beds. Both the limestones and the sandstones are tapped extensively for domestic and stock supplies.

Rocks of Pennsylvanian age crop out in the remainder of the county and overlie rocks of Mississippian age. Sandstones of Pennsylvanian age are the principal source of ground water from consolidated rocks in the western two-thirds of the county. This source is used extensively for domestic and stock supplies and a few small industrial supplies.

The unconsolidated glacial deposits of Pleistocene age cover slightly more than three-fourths of the county and overlie the consolidated rocks of Mississippian and Pennsylvanian age. Only the southeastern corner of the county is not mantled by glacial deposits. In the upland areas the glacial deposits consist chiefly of a clayey to sandy-clay till. Along the White River and some of its tributaries are extensive deposits of glaciofluvial sand and gravel. These deposits are a major source of ground water for domestic, stock, and industrial supplies and are the only source used for public supplies by the towns and cities in the county. Glaciofluvial sand and gravel deposits in the glaciated area east of the White River are utilized for a small number of domestic supplies.

Lake sediments cover a large part of central Greene County, as shown on plate 2. These lacustrine deposits consist chiefly of silt and clay containing some interbedded sand and gravel lenses. Lacustrine deposits found in the preglacial valley of the White River and its tributaries were either deposited on bedrock or on glaciofluvial sand and gravel. The lake sediments do not yield water freely, but in areas where interbedded sand and gravel lenses are present they may be potential sources for domestic and stock supplies.

To the east, in the unglaciated portion of the county, silt, clay, and sand were deposited in lakes formed by the damming of westward flowing streams by a moraine. The majority of these lake deposits, now above the floors of the present valleys, are not water-bearing. However, in a few areas where these deposits contain water-bearing sand lenses some domestic and stock supplies may be obtained from properly constructed wells.

Rocks of Recent age in Greene County are thin and consist mostly of flood-plain deposits and wind-blown sand. These deposits are not important as sources of ground water.

In Greene County ground water occurs in the consolidated and unconsolidated rocks chiefly under confined (artesian) conditions, but in a few places it occurs under unconfined (water-table) conditions. Under confined conditions, the saturated water-bearing material (aquifer) is overlain directly by relatively impervious material and the water in the well bore will rise above the bottom of the impervious material. Under unconfined conditions the water-bearing material (aquifer) is overlain directly by permeable unsaturated material and the water does not rise above the level at which it is encountered.

Plate 2 shows the availability of ground water in the consolidated and unconsolidated rocks underlying the county. Plate 3 shows the distribution of hardness of the ground waters of Greene County and also shows an area where water is of high chloride content.

TYPES OF WELLS

Drilled wells are the principal type of water wells used in Greene County. However, a small number of driven and dug wells are still in use and occasionally a well is constructed by one of these methods. A few wells have been drilled by the rotary or reverse-rotary methods. Most water wells are 6-inches or more in diameter and are constructed by the cable-tool or percussion method of drilling. A well drilled by the cable-tool method is constructed by a combination of drilling, bailing, and driving casing. When the water-bearing material is consolidated rock, the well casing is generally driven a few inches to several feet into the rock, and the well is finished as an open hole in rock. When the water-bearing material is sand and gravel, the well casing is driven into the water-bearing zone and either left as an open end casing; or the lower end of the casing is slotted or perforated and driven into the water-bearing zone; or a well screen is set opposite the water-bearing zone below the end of the casing. A modification of the above type, the gravel-packed well, has a gravel lining between the well screen and the water-bearing material. In Greene County only municipal supply wells are equipped with well screens. Most domestic and stock wells tapping sand and gravel do not use a screen but are finished with an open end casing or slotted or perforated casing. Greater dependability and improved yield of wells in the coarser unconsolidated materials and development of wells in finer unconsolidated materials is possible with the construction and use of properly screened wells.

In areas where the water level in the unconsolidated material is close to the surface, some water wells are constructed by driving or digging. The driven well consists of a small diameter pipe with a drive point on the end, which is driven into shallow water-bearing material. The dug well is constructed by digging a hole, usually about three feet in diameter, into the upper part of the water-bearing material and using concrete pipe, tile, brick, or stone as a casing.

Oil or gas tests, test holes, drain holes, and holes drilled for purposes other than water supply are generally drilled by the cable tool method in Greene County.

SUMMARY

Preliminary evaluation of the basic data shows that adequate quantities of ground water generally are available for domestic, stock, and in some places for small industrial and small public supplies from the rocks of Mississippian and Pennsylvanian age. In the sand and gravel of Pleistocene age, along the White River and some of its major tributaries, ground water is available in adequate quantities for domestic, stock, and locally for industrial and public supplies. These sand and gravel deposits are the source of all public supplies used by the towns and cities in Greene County. There are deposits of glaciofluvial sand and gravel east of the White River that are not along the river or its major tributaries. These deposits are used by a small number of domestic wells and should yield adequate amounts of ground water for domestic and stock supplies. Some interbedded sand and gravel is found in the lake sediments on both sides of the White River that contains ground water in adequate quantities for domestic and stock supplies.

The quality of the water from the rocks of Mississippian, Pennsylvanian, and Pleistocene age varies greatly. Locally water from these sources exceeds the U. S. Public Health Service (1946) drinking-water standards for iron, chloride, and sulfate content.

RECORDS

The records of about 570 water wells and holes drilled for purposes other than water are given in table 1. The table contains information about well construction, water levels, yields and drawdowns, thickness and characteristics of the water-bearing material, conditions of occurrence, use, and other data. The altitude of the land surface at all wells (except oil or gas tests) was interpolated from topographic maps. Altitudes of oil or gas test holes were on the records when received and were checked against the topographic maps.

Table 2 contains the selected logs of about 425 wells and other drilled holes. This table gives the drillers' description of the material encountered, pertinent remarks with regard to the material, and tentative interpretation by the authors of the geologic age of the material. The logs contain local terms used by drillers in describing the material penetrated. The most used term "slate" refers to a hard, usually black, fissile shale. The term "boots" is applied to any material, usually a shale, that is sticky and adheres to the bit and stem of the drilling tools. Carbonaceous shale or a slightly shaly coal is called "blackjack". "Iron band" refers to a hard, black to brown iron silicate or iron carbonate rock which occurs as a zone of concretions from pebble to boulder size or in thin beds. An iron band is seldom more than 2 feet thick. The term "steel band" is used for what is reported to be a tan to brown dolomitic fresh-water limestone. "Shells" or "shelly" is used to designate marine fossils in a rock. A dark-gray, sandy shale associated with one of the Pennsylvanian coals is known as the "dirty band".

The results of 276 field chemical analyses of well waters are given in table 3. These analyses were made in the field office of the Geological Survey. Table 3 gives information about geologic source, temperature, concentration in ppm (parts per million) of iron, carbonate, bicarbonate, sulfate, chloride, and hardness of water. The U. S. Public Health Service (1946) drinking-water standards state that the chemical constituents should not exceed the following concentrations: iron and manganese (together), 0.3 ppm; sulfate, 250 ppm; chloride 250 ppm. No standards have been established for hardness of water; however, the following classification is generally used: 0-60 ppm, soft; 61-120 ppm, moderately hard; 121-200 ppm, hard; more than 200 ppm, very hard. Water having a hardness of more than 200 ppm requires softening for most purposes.

The records of 20 springs are given in table 4. This table gives information about geologic sources, yield, use, temperature of the water, and the results of field chemical analyses.

Table 5 gives the results of 38 field chemical analyses of water from streams in Greene County with other pertinent data.

Water levels in 3 observation wells in Greene County are given in table 6. The water levels in two of these wells were obtained by recording gages and in the other well by measurements made with an engineer's steel tape. Daily high water levels are given for observation wells equipped with recording gages and periodic water levels are given for the observation well measured manually. The locations of these observation wells are shown on plate 1.

Table 1.--Records of wells, Greene County, Indiana

Well number: See text for description of well-numbering system.
Altitude: Altitude of land-surface datum from topographic map.
Type of well: Dr, drilled; Dn, driven; Du, dug; J, jetted.
Finish: Oo, open end; Oh, open hole; Gp, gravel pack; S, screen; P, perforated casing.
Material: C, coal; Cgl, conglomerate; F, fireclay; G, gravel; Ls, limestone; S, sand; Sd-Sh, sandy shale; Sh, shale; Sh-Ss, shaly sandstone; Ss, sandstone; T, till.
Geologic age: Pl, Pleistocene; P, Pennsylvanian; M, Mississippian.
Ground-water occurrence: C, confined (artesian); U, unconfined (water table).

Water level: In feet below land-surface datum on date of completion of well, except as noted in remarks. F, flowing well.
Use: D, domestic; De, destroyed; Dh, drain hole drilled into mine opening except as noted in remarks; I, industrial; Ir, irrigation; N, not used; O, observation; Og, oil or gas test; P, public supply; S, stock; T, test.
Remarks: A, field chemical analysis in Table 3; E, electric log on file; G, gamma-ray log on file; L, log in Table 2; La, log on file; Lm, log from memory on file; Lm, log from memory in Table 2; S, sample study in Table 2; Sa, sample study on file; W, water level measurements in Table 6; Dd, drawdown; gpm, gallons per minute.

Well No.	Owner	Driller	Date completed	Altitude (feet)	Type of well	Depth of well below land-surface (feet)	Diameter (inches)	Depth of casing (feet)	Finish	Water-bearing zone: Depth to top (feet)	Water-bearing zone: Thickness (feet)	Water-bearing zone: Material	Water-bearing zone: Geologic age	Water-bearing zone: Ground-water occurrence	Water level (feet)	Yield (gpm)	Use	Remarks
6/3W-27L1	J. Carter	A. Martindale	Fall -58	660	Dr	100	6	40	Oh	40	80	Ss	M	C(?)	40	2.5	D	La, A.
27L2	J. Parsley	---------do----------	7-17-59	655	Dr	139	6	21	Oh	------	------	------	M(?)	---	100	3	D	Log-Dirt 0-21 feet; hard rock 21-139 feet, A.
28H1	D. Spoonmoore	---------do----------	8- 8-59	810	Dr	170	6	111	Oh	------	------	------	M(?)	---	145	6.5	D	Log-Dirt 0-111 feet; rock 111-170 feet.
32A1	U. S. Government	H. Alford	1942	805	Dr	164	8	47	Oh	137	3	Ls	M	C	----	------	N	L.
36B1	J. Coulter	A. Martindale	7-25-59	580	Dr	80	6	21	Oh	------	------	------	M	---	21	8.5	D	Log-Dirt 0-21 feet; hard rock (limestone?) 21-80 feet.
6/4W- 4C1	V. Booker	Waggoner Bros.	5-46	510	Dr	95	----	14	Oh	80	15	Ss	M	C	52	17	D	L, A.
5D1	O. Feutz	Spainhower and Sons	7-55	505	Dr	60	6	60	Oo	60	------	S	Pl	C	15	5	D	L, A.
5E1	R. Jeffers	Waggoner Bros.	12-48	650	Dr	70	6	15	Oh	48	22	Ss	P	C	15	1	D	L.
9A1	L. V. Combs	---------do----------	5-15-46	730	Dr	147	----	32.5	Oh	------	------	------	M	---	----	------	D	L, A.
11E1	A. Padgett	---------do----------	5- 9-46	530	Dr	67	6	40.5	Oh	43	24	Ss	M	C	----	------	D	L, A.
17D1	R. Lodgerwood	---------do----------	8- 1-44	730	Dr	126	6	32	Oh	------	------	------	P	C	52	.4	D	L, A.
20A1	G. Buckner #1	R. F. McClure	7-26-55	703	Dr	803	----	------	----	------	------	------	------	---	----	------	Og	L, S.
20F1	F. Asbury #1	----------	11-12-51	653	Dr	802	----	------	----	------	------	------	------	---	----	------	Og	L.
20M1	E. Johnson #1	----------	5-24-51	720	Dr	000	----	------	----	------	------	------	------	---	----	------	Og	La, S.
25C1	F. Barnes #1	----------	10-28-55	618	Dr	710	----	------	----	------	------	------	------	---	----	------	Og	L.
25N1	P. Burris	Mumma Bros.	11-30-56	745	Dr	140	7	20	Oh	115	13	Ls	M	C	----	30	D	L, A.
25P1	D. Craig	---------do----------	11-23-56	730	Dr	73	7	------	Oh	------	------	------	M	C	30	3	D	L, A.
28P1	G. A. Inman	---------do----------	1957	610	Dr	------	7	50	Oh	------	------	Ss	M	C	----	6	D	La (partial), A.
30R1	L. Hall #1	----------	8-18-55	635	Dr	781	----	------	----	------	------	------	------	---	----	------	Og	L.
31A1	G. C. Mumma, Jr.	Mumma Bros.	7-15-59	510	Dr	72	8	70	Oo	40	30	G,S	Pl	---	40	40	D	L, A, Dd reported to be 10 feet after pumping 2 hours at 40 gpm.
31E1	D. Whittaker	---------do----------	8-22-56	600	Dr	217	7	135	Oh	138	2	Ss	M	C	90	5	D	L, A.
										172	16	Ss	M	C				
										195	22	Ss	M	C				
31E2	V. Mullis	---------do----------	8- 3-59	610	Dr	132	7	103	Oh	115	1	C	P	C	60	5	D	L, A.
31E3	J. Blackmore	----------	8- 1-59	610	Dr	222	7	175	Oh	198	22	Ss	M	C	110	3	D	La.
31G1	E. Hostettler #1	----------	5- 7-51	630	Dr	1,713	----	------	----	------	------	------	------	---	----	------	Og	L.
31H1	L. Corbin #1	----------	--------	550	Dr	1,642	----	------	----	------	------	------	------	---	----	------	Og	L.
31N1	H. N. Martindale	Waggoner Bros.	12-27-47	615	Dr	120	6	18	Oh	------	------	Ss	P	C	30	.3	D	L.
32D1	J. Farley	---------do----------	4-47	000	Dr	206	6	140	Oh	171	35	Ss	M	C	108	.4	D	L, A.
35C1	A. Fuller	Mumma Bros.	1956	795	Dr	331	8	------	Oh	305	11	Ss	M	C	----	5	D	La (partial), A.
6/5W- 2A1	O. Foster #1	----------	4- 9-58	495	Dr	1,603	----	------	----	------	------	------	------	---	----	------	Og	L.
4E1	E. Cooper	Waggoner Bros.	8-15-44	540	Dr	169	6	32.5	Oh	155	14	Ss	P	C	63	8	D	L, A.
4E2	E. Horn	---------do----------	8-20-44	550	Dr	150	6	40	Oh	135	15	Ss	P	C	58	13	D	L.
5E1	W. Short	S. L. Howell	1957	540	Dr	130	8	80	Oh	------	------	------	P	C	44	1	D	La, A.
5L1	R. Reagan	W. Stone	8-55	545	Dr	169	6	103.5	Oh	102	6	Ss	P	C	29	12	D	L, A, Dd reported to be 140 feet after pumping 1 hour at 12 gpm.
										133	4	Ss	P	C				
										155	14	Ss	P	C				
6C1	D. Shepherd #1	----------	11-16-40	542	Dr	1,780	----	------	----	------	------	------	------	---	----	------	Og	L.
12N1	D. Bacher	Waggoner Bros.	5-27-44	630	Dr	105	6	28.5	Oh	58	12	Ss	P	C	43	.8	----	L, A.
		W. Stone	4-14-56	---	Dr	231	6	72	Oh	198	24	Ls	M	C	120	3	D	Well deepened by W. Stone.
13F1	J. Emery	---------do----------	6-25-53	615	Dr	125	6	87.5	Oh	94	10	Ss	P	C	59	2	D	La, A.
										113	12	Ls	M	C				
13L1	W. A. Emery	---------do----------	1953	580	Dr	75	6	------	Oh	66	9	Ls	M(?)	C	20	8.5	D	L, A.
15K1	Mr. Bogard #1	B. and C. Drilling Co.	4-15-55	520	Dr	868	----	------	----	------	------	------	------	---	----	------	Og	L.

6/5W-18C1	M. Jackson	----------	--------	530	Dr	148	----	------	Oh	------	------	------	------	----	----	------	----	L, Ashley (1899).
18K1	H. Rapor	G. Gingerich	10-54	540	Dr	75	7	44	Oh	------	------	------	P	---	----	------	D,S	L, A.
20P1	J. Baker #1	----------	10-28-49	550	Dr	1,864	----	------	Oh	------	------	------	------	---	----	------	Og	La, E, S.
23E1	W. Inman	S. L. Howell	1957	575	Dr	165	4	81	Oh	155	10	Ss	P	C	60	.7	D	L, A.
23R1	J. Stuerwald	Mumma Bros.	1957	600	Dr	239	7	37	Oh	------	------	------	M(?)	C(?)	----	3.5	D	L, A.
24Q1	E. A. Dush	M. Stone	8-11-53	640	Dr	253	6	90	Oh	227	16	Ss	M	C	152	2.5	D	L (partial), A.
26A1	N. Boyer	---------do----------	5- 2-51	600	Dr	137	6	56	Oh	122	15	Ss	P	C	70	3	D	L.
26H1	E. Linn	Waggoner Bros.	2-19-49	560	Dr	85	----	------	Oh	------	------	------	P	---	----	------	D	L, A.
29E1	L. Haines	M. Stone	1951	570	Dr	55	8	26	Oh	47	5	Ss	P	C	.16	7.5	D	L, A.
							6	41										
30E1	Mr. Kuhlenschmidt	---------do----------	5-10-51	510	Dr	118	6	83	Oh	106	12	Ss	P	C	34	2	N	L.
30F1	R. Harrell	---------do----------	8-19-37	495	Dr	76.5	8	44	Oh	56	4	Ss	P	C	15	5	N	L, A.
30J1	R. York	---------do----------	3- 7-52	550	Dr	50	6	27	Oh	38	7	Ss	P	C	17	------	D	L, A.
			11-14-56	---	Dr	190	6	38	Oh	185	25	Ss	P	C	78	3	----	Well deepened by M. Stone.
30M1	Newberry School	---------do----------	2-21-53	560	Dr	417	----	66	Oh	185	5	Ss	P	C	140	.8	Dq	L.
30M2	M. Bailey	---------do----------	1- 6-55	555	Dr	75	6	43	Oh	59	.5	C	P	C	32	3	D	L.
31E1	Newberry Tankage Co.	---------do----------	2- 6-54	500	Dr	135	6	69	Oh	120	7.5	Ss	P	C	18	1.5	I	La, A.
31E2	---------do----------	---------do----------	9-13-55	505	Dr	244.5	8	49	Oh	108	10	Ss	P	C	10	17	N	L, E, O, Dd reported to be 170 feet after pumping 1 hour at 17 gpm.
										146	15	Ss	P	C				
										225	19	Ss	M(?)	C				
34M1	R. Malone	Waggoner Bros.	5-22-47	620	Dr	200	6	147	Oh	------	------	Ss	P	C	80	3.5	D	L, A.
34R1	O. Barker	---------do----------	5- 9-47	580	Dr	348	6	62.5	Oh	------	------	------	M	C	75	3.5	D	L, A.
36B1	J. Townsend	M. Stone	3-28-56	550	Dr	150	6	43	Oh	82	6	Ss	P(?)	C	38	4	D	L, A.
										122	28	Ss	M	C	38	4	D	
36D1	O. Richardson	---------do----------	7-31-57	520	Dr	151	8	101	Oh	140	11	Ss	M	C	25	5	P	L, A.
36H1	P. Mullis	---------do----------	3-14-56	610	Dr	131	6	111	Oh	117.5	1	C	P	C	74	10	D	L, A.
36H2	V. Mullis	Waggoner Bros.	1-15-48	600	Dr	121	8	78	Oh	------	------	------	P	C	58	1	D	L.
36J1	Scotland Church	Mumma Bros.	5-56	610	Dr	140	7	30	Oh	118	14	Ss	P	C	90	4	P	L.
36R1	J. Bontly	Waggoner Bros.	--------	615	Dr	72	10	------	Oh	47	18	C,Ss	P	---	----	------	D	L. A.
		M. Stone	2-58	----	Dr	130	10	38	Oh	115	.5	C	P	C	43	6	----	Well deepened by M. Stone.
6/6W- 2D1	Town of Lyons	H. Lamb	1936	488	Dr	68	10	67.5	S,Gp	8	60	S,G	Pl	B	8	440	P	L, 10 foot screen, Dd reported to be 27 feet after pumping 48 hours at 440 gpm.
3J1	G. Bogard	----------	--------	490	Dr	70	----	------	Oh	41.5	28	Ss	P	---	----	------	----	L, Ashley (1899).
4B1	Dr. Powers	Waggoner Bros.	5-23-47	510	Dr	65	8	58	Oh	57	3	C	P	C	20	35	D	L, A, Filled with gravel to 58 feet.
4D2	B. Edwards	----------	2-21-44	510	Du	22	38	22	Oo	------	------	T	Pl	C	----	------	O,N	Observation well Greene 1, Log-till 0-22 feet; shale at 22 feet, W.
4C1	----------	J. Stewart	--------	535	Dr	140	----	------	Oh	40.5	100	Ss	P	---	----	------	----	L, Ashley (1899).
5C1	F. Fryo	Waggoner Bros.	11- 9-49	500	Dr	122	6	81.5	Oh	94	28	Ss	P	C	30	3	D	L, A.
5K1	R. P. Olinger	M. Stone	12- 4-51	495	Dr	140	8	52.5	Oh	------	------	------	P	C	23	4	D,S	L, A.
5R1	---------do----------	Waggoner Bros.	11-24-48	540	Dr	212	8	40.5	Oh	------	------	------	P	C	50	3	D	L. A.
							8	75.5										
6M1	R. Woodruff	Mumma Bros.	1- 2-56	490	Dr	175	7	38	Oh	60	1	C	P	C	50	1.5	D	L, A.
									Oh	181	14	Ss	P	C				
7D1	C. Anderson	H. Knox	12-30-53	510	Dr	262	7	26	Oh	60	13	Ss	P	---	----	3.	D	L, A.
							6	82	----	184	38	Ss	P					
7J1	J. T. Jeffers	Waggoner Bros.	5-47	480	Dr	110	8	92	Oh	90	20	Ss	P	---	----	------	D	L, A.
8G1	R. P. Olinger	---------do----------	11- 2-48	530	Dr	225	8-6	50.5	Oh	------	------	------	P	---	----	------	D	L, A.
8K1	R. McKee	---------do----------	7-13-46	515	Dr	181	6	43.5	Oh	------	------	------	P	C	27	.6	D	L, A.
		M. Stone	8-18-55	----	---	210	----	------	Oh	------	------	------	P	C	57	------	----	Well deepened by M. Stone.
8R1	O. Condor	Spainhower and Sons	12-58	540	Dr	180	7	87	Oh	120	38	Sd-Sh	P	C	75	1	D	L, A.
9E1	J. D. Chestnut	D. Ennis	--------	525	Dr	144	----	------	----	------	------	------	P	---	----	------	----	L, Ashley (1899).
16A1	L. Tucker #1	----------	2- 5-41	480	Dr	1,775	----	------	----	------	------	------	------	---	----	------	Og	S.
16A2	L. and M. McKee #1	D. Miller Drilling Co.	9-26-51	480	Dr	1,855	----	------	----	------	------	------	------	---	----	------	Og	La, E.
16C1	L. McKee #1	----------	7- 8-49	494	Dr	1,849	----	------	----	------	------	------	------	---	----	------	Og	La, E.
16M1	C. E. Summerville	Waggoner Bros.	10-14-46	510	Dr	137	6	89	Oh	120	12	Ss	P	C	33	.7	D	L, A.
17G1	O. Lohman	---------do----------	9-47	490	Dr	181	6	80.5	Oh	175	6	Ss	P	C	82	.3	D	L, A.
19N1	G. Morgan	H. Ellis	--------	500	Dr	41	8	41	Oh	10	31	S	Pl	---	----	------	Dh	Log-Surface 0 to 10 feet; quicksand and gravel 10 to 41 feet.
19R1	City of Linton	Layne-Northern Co., Inc.	7- 5-48	480	J	66	2½	66	----	14	47	S,G	Pl	C	5	------	T	L.
20H1	J. T. Jeffers	Waggoner Bros.	7-20-48	500	Dr	160	----	------	Oh	------	------	------	P	---	----	2	D	La (partial).
23P1	P. Hassler #1	----------	2- 9-55	476	Dr	941	----	------	----	------	------	------	------	---	----	------	Og	L.
24J1	Keller Bros.	M. Stone	8-56	510	Dr	195	6	55.5	Oh	63.5	2.5	F,C	P	C	34	5	D	L, A.
										162	13	Ss	P	C				
25B1	M. Stone	---------do----------	1957	480	Dn	21	1¼	21	S	6	15	G	Pl	---	----	10	S	Log-Silt 0 to 6 feet; gravel 6 to 23 feet, A.
25B2	---------do----------	---------do----------	Spring-58	480	Dn	18	1¼	18	S	17.5	.5	G	Pl	---	----	5	S	Log-Silt 0 to 17.5 feet; gravel 17.5 to 18 feet; rock at 18 feet.
25G1	O. C. Richardson	---------do----------	9- 0-55	540	Dr	252	8	82	Oh	237	15	Ss	M(?)	C	78	12	D	L, A, Dd reported to be 102 feet pumping at 12 gpm.
25G2	D. L. York	---------do----------	2- 7-57	530	Dr	78	6	36	Oh	50.5	2.5	C,F	P	C	37.8	4½	D	L, A. Water level measured 2-7-57.
25H1	O. Inman	---------do----------	10-54	545	Dr	254	6	43	Oh	232	22	Ss	M(?)	C	73	17	D	L, Dd reported to be 175 feet after pumping 1 hour at 17 gpm.

Table 1.--Records of wells, Greene County, Indiana--Continued

Well No.	Owner	Driller	Date completed	Altitude (feet)	Type of well	Depth of well below land-surface (feet)	Diameter (inches)	Depth of casing (feet)	Finish	Water-bearing zone: Depth to top (feet)	Water-bearing zone: Thickness (feet)	Water-bearing zone: Material	Water-bearing zone: Geologic age	Water-bearing zone: Ground-water occurrence	Water level (feet)	Yield (gpm)	Use	Remarks
6/6W-25J1	W. Brookshire	W. Stone	3-10-55	555	Dr	76	6	47	Oh	70	4	Ss	P	C	24	3	D	L.
25J2	F. Ault	---------do----------	12-24-54	550	Dr	68	6	42	Oh	51.5	8.5	Ss	P	C	27	2	D	La.
25J3	H. Jacorshagen	---------do----------	12-16-54	560	Dr	52	6	33	Oh	47	4	Ss	P	C	22	8	D	La.
25J4	Mrs. E. Scott	---------do----------	2-12-54	560	Dr	73	6	40	Oh	------	------	------	P	C	34	4	D	La.
25J5	W. Stone	---------do----------	--------	555	Dr	38	10	26	Oh	------	------	------	Pl	---	15	------	O	Observation well Green 2, W.
29E1	City of Linton	Layne-Northern Co., Inc.	7-15-48	480	Dr	65	6	------	----	9	55	S,G	Pl	C	8	------	T	La.
29E2	---------do----------	---------do----------	7-12-49	480	Dr	57	38	57	S,Gp	9	48	S,G	Pl	C	7	------	P	L.
29E3	---------do----------	---------do----------	7-14-48	480	Dr	52	4	------	----	9	43	G	Pl	C	8	------	T	La.
29E4	---------do----------	---------do----------	6- 1-49	480	Dr	65	4	------	----	11	38	G,S	Pl	---	----	------	T	La.
29E5	---------do----------	---------do----------	6- 3-49	480	Dr	55	6	------	----	10	37	G,S	Pl	---	----	------	T	La.
29E6	---------do----------	---------do----------	6- 8-49	480	Dr	60	6	------	----	8	42	G,S	Pl	C	8	------	T	La.
29E7	---------do----------	---------do----------	7-22-49	480	Dr	50	38 18	31.5 49	S,Gp	9	40	G,S	Pl	C	7	961	P	L. Dd reported to be 9.5 feet pumping at 961 gpm. 15 feet of No. 5 opening shutter screen.
30A1	---------do----------	---------do----------	7- 2-48	480	J	68	2½	------	----	10	52	G	Pl	C	4	------	T	L.
30H1	---------do----------	---------do----------	7- 6-48	480	J	67	2½	------	----	12	43	G,S	Pl	C	4	------	T	L.
6/7W- 1A1	L. Heaton	Waggoner Bros.	7- 5-37	495	Dr	70	8 6	36 40	Oh	57	13	Sd-Sh	P	---	----	------	D	L, A.
1L1	Dr. E. Bailey	W. Stone	1952	535	Dr	185	8	37	Oh	------	------	------	P	---	40	.5	D	L, Cement plug set at bottom to seal off saline water.
1R1	D. Layman	---------do----------	6- 8-53	500	Dr	120	8	------	Oh	------	------	------	P	C	19	2.5	D	La (partial), A.
3B1	P. Thompson	Waggoner Bros.	8-46	480	Dr	75	6	38	Oh	------	------	------	P	C	----	1	D	L, A.
3J1	---------do----------	----------	12- 4-49	470	Dr	1,174	----	------	----	------	------	------	------	---	----	------	Og	L.
6J1	G. Bookor	H. C. Page	9-57	510	Dr	211	8	25	Oh	------	------	------	P	C	30	.5	D,S	L, A, 6 inch liner set from 138 feet to 156 feet.
10D1	P. Thompson	Waggoner Bros.	8-46	470	Dr	58	6	56	Oa	53	5	G,S	Pl	C	4	13	D,S	L.
11A1	W. F. Vaughn	----------	--------	475	Dr	61	----	------	----	------	------	------	------	---	----	------	----	L, Ashley (1899).
12D1	N. Squires	K. Thompson	--------	515	Dr	80	6	44	Oh	------	------	P	------	---	----	------	D	L, A.
13J1	A. Rady	Mumma Bros.	--------	490	Dr	180	7	100	Oh	101 170	19 10	Ss Ss	P P	---	----	2	D	L, A.
15R1	J. Hughes	Waggoner Bros.	10-48	495	Dr	150	6	43	Oh	------	------	------	P	---	----	.5	D	L, A.
17G1	F. Lacy #1	Circle Drilling Co.	9- 7-50	536	Dr	1,051	----	------	----	------	------	------	------	---	----	------	Og	La, E.
21C1	C. Good #1	----------	5-16-41	550	Dr	2,331	----	------	----	------	------	------	------	---	----	------	Og	La, Sa.
22E1	J. Hughes	Waggoner Bros.	10-19-46	560	Dr	119	6	22.5	Oh	------	------	------	P	C	27	1	D	L, A.
23A1	H. Sprinkle	---------do----------	9-28-48	510	Dr	206	6	103	Oh	------	------	------	P	---	----	------	Do	La (partial).
24R1	R. C. Morgan	----------	--------	495	Dr	136	----	------	----	------	------	------	------	---	----	------	----	L, Ashley (1899).
25C1	Mr. Benefield	----------	--------	490	Dr	92+	----	------	----	------	------	------	------	---	----	------	----	La, Ashley (1899).
25P1	C. E. Burris	6-30-56	495	Dr	79	7	33	Oh	72	1	C	P	C	30	3	D	L, A.
31G1	A. Beck	S. L. Howell	1058	490	Dr	101	6	14	Oh	------	------	------	P	C	20	.1	D	L, A.
32C1	H. W. McKin	Mumma Bros.	8-31-59	520	Dr	140	8	28	Oh	------	------	------	P	C	16	1	D,S	L, Dd reported to be 32 feet after pumping 4 hours at 1 gpm.
32Q1	----------	Ferguson	--------	510	Dr	133	----	------	----	------	------	------	------	---	----	------	T	L, Ashley (1899).
34E1	Dr. Powers	Waggoner Bros.	7- 9-46	490	Dr	171	8	86	Oh	142	29	Ss	P	C	29	------	D	L, A.
34H1	J. H. Goodman #1	----------	7-17-50	500	Dr	971	----	------	----	------	------	------	------	---	----	------	Og	La, E.
34J1	----------	Hill Bros.	--------	490	Dr	180	----	------	----	------	------	------	------	---	----	------	T	L, Ashley (1899).
34K1	J. D. Shake #1	----------	7- 1-50	485	Dr	2,065	----	------	----	------	------	------	------	---	----	------	Og	La, E.
34N1	R. Powers #1	Edison and Gwaltney Drilling Co.	8-18-51	475	Dr	1,011	----	------	----	------	------	------	------	---	----	------	Og	L, E.
35J1	D. Small #1	Circle Drilling Co.	8-25-50	472	Dr	917	----	------	----	------	------	------	------	---	----	------	Og	La, E.
7/3W- 6Q1	L. Murphy	Waggoner Bros.	8-46	700	Dr	235	----	84	Oh	------	------	------	M	---	119	.3	N	L.
8R1	W. Goodwin	---------do----------	7-31-46	620	Dr	185	----	48	Oh	------	------	------	M	---	----	------	D	L, A.
14L1	A. E. Lasseigne	W. Stone	1952	830	Dr	112	7	50	Oh	94	6	Ss	M	C	87	6	D	L, A.
22L1	B. Bailey	A. Martindale	--------	810	Dr	150	6	------	Oh	130	20	Ss	M	C	130	1	D	La, A.
7/4W- 2K1	O. P. Wells #1	----------	8-10-41	730	Dr	1,410	----	------	----	------	------	------	------	---	----	------	Og	L.
3K1	F. and B. Helms #1	----------	8-18-58	644	Dr	643	----	------	----	------	------	------	------	---	----	------	Og	L.
7F1	E. Emery	W. Stone	9-24-54	680	Dr	201	6	43	Oh	191	7	Ss	M(?)	C	173	15	D,S	L, A.
9E1	R. Bryard	S. L. Howell	7- 7-59	530	Dr	91	6	65	Oh	86	5	Ss	M	C	P	5	D	L, A.
10H1	R. Daily	R. Daily	8- 1-33	540	Dr	158	----	------	----	------	------	------	------	---	----	------	Og	L.

7/4W-12E1	G. Buckner #1	V. Hayden	6- 3-54	540	Dr	210	8	50	Oh	------	------	------	------	---	----	------	Og	L.
13B1	D. Rice	L. Sparks	1948	780	Dr	100	6	16	Oh	71	29	Ss,Sh	P(?)	---	----	1	N	Lam.
		A. Martindale				240				200	40	Ss	M					Well deepened by Martindale.
13E1	W. Fuller	Mumma Bros.	3- 8-56	750	Dr	110	7	75	Oh	75	35	Ss	P(?)	C	45	9	D	Log-Clay-Soft rock 0 to 75 feet; sandstone 75 to 110 feet. A.
13J1	M. Sexton	A. Martindale	--------	680	Dr	150	8	60	Oh	110	40	Ss	M	C	40	5	D,S	Lam. A.
13K1	C. Price	---------do----------	--------	780	Dr	175	8	80	Oh	160	15	Ls	M	C	30	------	D,S	Lam. A.
17J1	C. Shelton	S. L. Howell	1958	665	Dr	87	8	44	Oh	73	4	Ss	P	C	18	2.5	D	L, A.
18K1	O. L. Sparks	---------do----------	6-57	520	Dr	60	6	21	Oh	28	32	Ls	M	C	20	20	D	L. A, Dd reported to be 2 feet after pumping ½ hour at 20 gpm.
19J1	E. Gentry	Waggoner Bros.	5-23-49	545	Dr	73	8	57	Oh	57	18	Ls	M	C	24	10	D	L, A.
20A1	W. Chambers	Mumma Bros.	10-28-56	650	Dr	127	7	22	Oh	------	------	------	M	---	80	2	D	L, A.
20W1	V. Dobson	Waggoner Bros.	9- 3-46	530	Dr	59	6	46.5	Oh	44	15	Ss	P(?)	C	22	40	D	L, A.
21Q1	R. Keller	S. L. Howell	1958	580	Dr	51	6	21	Oh	------	------	------	M	---	----	7	D	La, A.
22D1	T. Holtzclaw	A. Martindale	4-58	650	Dr	92	8	44	Oh	54	38	Ss	M	---	57	24	D	L.
23C1	S. Jones #1	----------	9-30-44	875	Dr	1,504	----	-----	----	------	------	------	------	---	----	------	Og	La.
27E1	Park School	M. Stone	1951	650	Dr	109	6	77	Oh	90	10	Ss	M	C	58	13	P	L, A.
27N1	L. Uland	Waggoner Bros.	8- 9-46	675	Dr	99	6	61	Oh	------	------	------	P(?)	C	58	1	D	L, A.
28H1	Mrs. M. Overman	---------do----------	1- 7-47	660	Dr	66	6	40	Oe	65	1	Cgl	P	C	31	33	D	L, A, 68 feet of 5 inch liner.
29P1	E. Hasler #1	D. Swartzenbuber	4-10-56	540	Dr	200	8	75	Oh	------	------	------	------	---	----	------	Og	L.
31B1	C. Robinson	Spainhower and Sons	8-55	530	Dr	82	6	50.5	Oh	56	26	Ss	P	---	----	10	D	L, A.
31K1	J. Veatch	M. Stone	8- 8-52	505	Dr	55	6	40	Oh	49	2	Cgl	P	C	18	42	D	L, A.
33B1	L. Hasler	Waggoner Bros.	9-46	730	Dr	200	8	101.5	Oh	182	18	Ss	M(?)	C	146	17	D,S	L, A.
34C1	G. Combs	S. L. Howell	3-10-48	680	Dr	94	6	74	Oh	------	------	------	M	C	40	1	D	L, A. Water from 6.5 foot "cave" in limestone 87.5 to 94 feet.
34P1	K. Hasler	Waggoner Bros.	12-11-46	690	Dr	203	8	42.5	Oh	------	------	------	M	C(?)	60	17	D	L, A.
7/5W- 4D1	D. Kiser #1	----------	6-26-40	557	Dr	3,214	----	------	----	------	------	------	------	---	----	------	Og	L.
7F1	F. Nolting	Spainhower and Sons	11-56	510	Dr	170	7	51	Oh	------	------	------	P	---	----	.5	D	L, A.
8C1	C. L. Blackmore	M. Stone	6-18-56	510	Dr	30	8	30	P,Cp	7	23	S	Pl	U	8	60	S	L. A, Dd reported to be 3.1 feet pumping at 60 gpm.
8H1	P. Hasler	---------do----------	9-11-54	510	Dr	120	6	27	Oh	------	------	------	P	C	27	9	S	L.
9A1	W. Hollars	Mr. Jackson	--------	610	Dr	197	----	------	Oh	------	------	------	P(?)	---	150(?)	------	D,S	A.
9D1	Mrs. F. Dyer	M. Stone	7-54	560	Dr	191	----	------	Oh	------	------	------	P(?)	D	78	2	D	La (partial). Cement plug set between 173 to 191 feet to seal off saline water.
9M1	R. Roudebush	Waggoner Bros.	5-14-49	535	Dr	145	6	42	Oh	------	------	------	P	C	42	6	D	L, A.
10E1	R. Gee	S. L. Howell	1956	590	Dr	100	6	24	Oh	70	4	Ss	P	C	40	5	D	L. A.
										80	20	Ss,Sh	P	C				
12R1	Wildcat School	M. Stone	4-51	620	Dr	148	6	43	Oh	127	17	Ss	P	C	124	8	P	L, A.
13W1	W. Wilson	S. L. Howell	1958	620	Dr	208	6	44	Oh	184	2	Ss	P(?)	C	115	2	D	L, A.
										205	1	Ss	P(?)	C				
13W2	J. Pearson	M. Stone	1951	630	Dr	185	----	18	Oh	178	6	Ss	P(?)	C	07	.7	D	L, A.
14B1	E. Stalcup	S. L. Howell	1956	705	Dr	141	8	32	Oh	136	2	Ss	P	C	108	2	D	L.
14C1	W. Bays	Waggoner Bros.	9-56	700	Dr	142	8	29	Oh	105	10	Ss	P	C	92	1	D	L, A.
14C2	H. Strauser	S. L. Howell	1958	700	Dr	100	8	23	Oh	------	------	------	P	C	19	.3	D	La, A. Lost water in sandy shale 82 to 100 feet, set cement plug 75 to 100 feet.
14M1	O. Ismogle	M. Stone	8-24-53	670	Dr	173	6	118	Oh	------	------	------	P(?)	C	122	6	D	L, A.
15B1	N. Shake	Spainhower and Sons	--------	595	Dr	209	8	29	Oh	91	18	Ss	P	C	81	------	D	L, A.
										192	17	Ss	M(?)	C				
15G1	J. Heaton	Waggoner Bros.	3-47	590	Dr	108	6	57	Oh	85	30	Ss	P	C	53	------	D	L, A.
16A1	S. Johnson	---------do----------	2-47	520	Dr	108	6	81	Oh	88	22	Ss	P	C	32	22	D	L, A.
19C1	Holtzclaw Bros.	---------do----------	7-28-48	500	Dr	139	8	81	Oh	------	------	Ss	P	---	----	------	S	L, A.
19E1	D. McDonald	---------do----------	6-23-44	510	Dr	55	6	33	Oh	32	18	Ss	P	C	12	4	D	L, A.
19L1	C. Cowell	M. Stone	2-17-54	510	Dr	276	----	------	Oh	------	------	------	P(?)	---	----	.2	P	La (partial), Cement plug set 263 to 276 feet to seal out saline water.
19M1	Yake Bros.	Waggoner Bros.	9-46	510	Dr	214	6	84	Oh	------	------	------	P(?)	C	70	.5	I	L, A.
19P1	F. Holtzclaw	S. L. Howell	1958	550	Dr	118	6	83	Oh	------	------	------	P	C	50	7	D	La, A.
19P2	Wicks Lumber Co.	---------do----------	9- 5-59	525	Dr	90	6	40.5	Oh	------	------	------	P	C	21	2	P	L, A.
20G1	T. Knoblock	Waggoner Bros.	2-49	550	Dr	118	6	46	Oh	108	10	Ss	P	C	48	1	D	L, A.
20J1	G. Kritzer	M. Stone	1952	530	Dr	91	6	38	Oh	------	------	------	P	C	32	1	D	L, A.
20J2	R. Roudebush	S. L. Howell	1957	535	Dr	121	6	37	Oh	75	46	Ss	P	C	40	1	D	La.
20K1	Mr. Corbin	---------do----------	7-19-57	545	Dr	67	6	26	Oh	20	46	Ss	P	C(?)	28	8	D	L, A.
20N1	E. Hasler	M. Stone	9-53	535	Dr	91	6	61	Oh	------	------	------	P	C	28	2	D	L, A.
20P1	B. Roudebush	---------do----------	4-27-53	545	Dr	262	----	------	Oh	------	------	------	P	C(?)	58	2	D	L (partial). A.
21G1	Greene County Packing Co.	Waggoner Bros.	--------	493	Dr	54	12	54	P	15	39	C,S	Pl	---	----	------	N	L.
21L1	Wright Lumber Co.	S. L. Howell	1957	540	Dr	100	6	35.5	Oh	------	------	------	P	---	40	3	P	La.
21L2	Greene County Packing Co.	Waggoner Bros.	4-28-46	545	Dr	109	6	28	Oh	------	------	------	P	C(?)	20	30	I	L.
		M. Stone	1- 8-54			166							P	C(?)	63	15		Well deepened by M. Stone, Dd reported to be 77 feet pumping at 15 gpm. 1-8-54.

Table 1.--Records of wells, Greene County Indiana--Continued

Well No.	Owner	Driller	Date completed	Altitude (feet)	Type of well	Depth of well below land-surface (feet)	Diameter (inches)	Depth of casing (feet)	Finish	Water-bearing zone: Depth to top (feet)	Thickness (feet)	Material	Geologic age	Ground-water occurrence	Water level (feet)	Yield (gpm)	Use	Remarks
7/5W-21M1	O. Wright, Sr.	S. L. Howell	1956	530	Dr	42	6	12	Oh	------	------	Ss	P	C	14	3	D	A. Log-Top soil 0 to 9 feet; sandstone 9 to 42 feet.
21M2	R. Watkins	---------do----------	1957	530	Dr	123	6	85	Oh	------	------	------	P	C	45	.5	D	L.
21N1	F. Carmichael	---------do----------	1957	520	Dr	100	6	36	Oh	------	------	------	P	C	35	2	D	L.
21P1	Carmichael Concrete Block Plant	Waggoner Bros.	8-46	520	Dr	100	6	73	Oh	70	30	Ss	P	C	24	4	I	L, A.
22N1	Hoosier Water Co.	----------	10-28	500	Dr	93	12	83	S	18	75	G	Pl	---	----	300	P	Reported log-Top soil 0 to 18 feet, gravel 18 to 93 feet. Dd reported to be 20 feet pumping at 300 gpm.
22P1	Bloomfield Woolen Co.	Ferguson	1941	500	Dr	80	8	80	P	------	------	S,G	Pl	---	----	100	I	
22P2	Hoosier Water Co.	----------	4-26	500	Dr	87	12	87	S	18	69	G	Pl	---	----	300	P	Reported log-Top soil 0 to 18 feet, gravel 18 to 87 feet. Dd reported to be 8 feet pumping at 300 gpm.
23P1	W. Miles	S. L. Howell	1956	570	Dr	83	6	32	Oh	------	------	------	P	C	19	4	D	La.
24B1	C. Warren	Waggoner Bros.	9- 5-47	530	Dr	76	6	50	Oh	60	16	Ss	P	C	32	30	D,S	L, A.
25D1	R. Wilson	M. Stone	1952	610	Dr	240	6	31	Oh	228	14	Ss	M	C	120	17	D	L, A.
25K1	Furnace School	---------do----------	1953	610	Dr	275	6	47	Oh	272	3	Ss	M	C	124	15	P	L, A. Dd reported to be 51 feet pumping at 15 gpm.
25M1	Mr. Hendrin	Waggoner Bros.	9-19-46	500	Dr	72	6	44	Oh	------	------	------	P	C	21	6	D	L, A.
26E1	E. Brock	S. L. Howell	1956	540	Dr	108	6	104	Oo	100	6	S	Pl	C	28	8	D	L, A.
27G1	L. Roach	Waggoner Bros.	9-24-46	570	Dr	140	6	23.5	Oh	117	23	Ss	P	C	56	.3	D	L, A.
27G2	S. Routh	Mumma Bros.	1955	565	Dr	104	7	------	Oh	93	3	Ss	P	C	25	------	D	L, A.
30B1	G. Roudebush	M. Stone	7- 2-55	560	Dr	147	6	85	Oh	115	32	Ss	P	C	50	4	S	L (partial), A.
31P1	J. Bonham	----------	--------	565	Dr	182	----	------	----	------	------	------	------	---	----	------	----	L, Ashley (1899).
32G1	R. Byers	M. Stone	7-55	560	Dr	171	6	63.5	Oh	------	------	------	P	C	72	2	D	L, A.
32P1	L. Spice	S. L. Howell	1957	540	Dr	130	6	21	Oh	------	------	------	------	---	30	2	N	La.
35D1	J. Allen	Mumma Bros.	4- 2-56	500	Dr	125	7	44	Oh	------	------	------	P	C	22	8	D	L, Dd reported to be 103 feet pumping at 8 gpm.
35K1	O. D. Naylor	M. Stone	10-22-52	535	Dr	125	6	67	Oh	85	27	Ss	M	C	45	8	D	L, A.
										122	3	Ls	M	C				
36N1	C. Smiley	S. L. Howell	1958	570	Dr	144	6	82	----	------	------	------	M	C	75	3	D	L, A.
7/6W- 1P1	R. Evans	Waggoner Bros.	6- 7-44	560	Dr	95	6	76	Oh	85	10	Ss	P	C	58	2	D	L, A.
1Q1	E. N. Gaskin	----------	--------	530	Dr	24	----	------	----	------	------	------	------	---	----	------	----	L, Ashley (1899).
2B1	C. Winders	S. L. Howell	1958	505	Dr	80	6	24	Oh	------	------	------	P	C(?)	27	.5	D	L, A.
5N1	Mrs. F. M. Haywood	M. Stone	1-11-52	540	Dr	78	6	30	Oh	------	------	------	P	C	19	8	D	L, A.
6D1	C. Kramer	---------do----------	4- 2-54	530	Dr	140	6	37.5	Oh	61	4	C,Sh	P	C	13	6	D,S	L, A.
										68	2	C,Sh	P	C				
										115	1	C	P	C				
7G1	W. Brick	----------	--------	550	Dr	52	----	------	----	------	------	------	------	---	----	------	----	L, Ashley (1899).
12H1	C. White	Waggoner Bros.	9-47	525	Dr	138	6	41	Oh	------	------	------	P	C	24	2	D,S	L, A.
14A1	H. Scott	---------do----------	3-47	505	Dr	120	6	93	Oh	------	------	Ss	P	C	4	2	D	L.
14N1	S. Terrell	M. Stone	12- 9-53	530	Dr	165	5	84	Oh	140	25	Ss	P	C	50	2	D	La.
14N2	M. Terrell	---------do----------	2-17-55	540	Dr	167	6	87.5	Oh	135	32	Ss	P	C	55	3	D	L, A.
15B1	J. D. Spencer	----------	--------	550	Dr	52	----	------	----	------	------	------	------	---	----	------	----	L, Ashley (1899).
15J1	J. S. Skillkatt	----------	--------	550	Dr	38	----	------	----	------	------	------	------	---	----	------	----	L, Ashley (1899).
15M1	C. E. Davis #1	----------	9-10-44	567	Dr	1,720	----	------	----	------	------	------	------	---	----	------	Og	La.
15M2	P. Davis #2	----------	12-13-55	572	Dr	1,739	----	------	----	------	------	------	------	---	----	------	Og	L.
15R1	M. Landis	M. Stone	7-17-52	540	Dr	100	6	49	Oh	------	------	------	P	C	38	1	D	L, A.
16J1	W. H. Robertson	----------	--------	590	Dr	44	----	------	----	------	------	------	------	---	----	------	----	L, Ashley (1899).
16P1	W. Wakefield	Waggoner Bros.	8- 2-48	555	Dr	213	----	------	Oh	------	------	------	P	---	----	------	D	L, A.
17F1	Mrs. M. E. Webster	S. L. Howell	1956	520	Dr	48	6	20	Oh	23	23	Ss	P	C	10	1	D	L, A.
17L1	J. Howell	---------do----------	1956	520	Dr	52	6	27	Oh	35	7	Ss	P	C	15	.8	D	L.
18N1	F. Roberts	Waggoner Bros.	7- 3-46	550	Dr	155	6	97	Oh	121.5	33.5	Ss	P	---	----	2	D	L, A.
19D1	R. Winters	---------do----------	4- 1-46	550	Dr	150	----	90	Oh	------	------	------	P	C	84	8	Do	L.
19M1	A. Stevens	Spainhower and Sons	6-50	485	Dr	110	7	58	Oh	85	25	Ss	P	C	18	10	D	L.
20A1	Crum Wholesale House	M. Stone	4-23-53	545	Dr	152	6	76	Oh	------	------	------	P	C	35	3	N	L, A.
20A2	E. Crum	Waggoner Bros.	6-20-44	550	Dr	123	6	74	Oh	71	10	Ss	P	C	40	1.5	D	L, A.
										115	1	C	P	C				

7/8W-20B1	Farm Bureau Co-op	M. Stone	8-27-52	535	Dr	160	7	62	Oh	------	------	------	P	C	49	2.5	I	L, A.
20M1	City of Linton	Layne-Northern Co., Inc.	1-27-39	485	Dr	63	----	------	----	20	31	G,S	Pl	C	35	------	T	L. Water level affected by pumping.
20N1	---------do----------	----------	--------	485	Dr	64	8	------	----	38	26	G.S	Pl	C	23.6	------	O	L, W, Depth of well 48.5 feet 4-58. Observation well Greene 3.
20N2	---------do----------	Layne-Northern Co., Inc.	2- 2-39	485	Dr	64	----	------	----	33	31	S,G	Pl	C	32	------	T	La, Water level affected by pumping.
20N3	---------do----------	---------do----------	2- 7-38	485	Dr	64	----	------	----	35	29	S,G	Pl	C	27	------	T	La. Water level affected by pumping.
20N4	---------do----------	---------do----------	2-15-39	485	Dr	68	----	------	----	39	29	G,S	Pl	C	25	------	T	L. Water level affected by pumping.
20N5	---------do----------	---------do----------	3-28-39	485	Dr	68	38	45	S,Gp	38 18	30 68	G,S	Pl	C	28	600	P	L, 10 feet of screen. Dd reported to be 21.75 feet pumping at 600 gpm.
20N6	---------do----------	----------	--------	485	Dr	49	----	------	----	0(?)	49(?)	S,G	Pl	---	----	------	N	La.
20N7	---------do----------	----------	--------	485	Dr	67	8	67	----	0(?)	67(?)	S,G	Pl	---	24.8	------	N	La, Depth of well 36.5 feet 4-30-46; water level measured 4-30-46, affected by pumping.
20N8	---------do----------	----------	--------	485	Dr	60	----	------	----	37	23	G,S	Pl	---	----	------	N	La.
20N9	---------do----------	----------	--------	485	Dr	60	----	------	----	0(?)	60(?)	G,S	Pl	---	----	------	N	La.
20Q1	Mr. McIndoo	----------	--------	490	Dr	184	----	------	----	------	------	------	------	---	----	------	----	L, Ashley (1899).
21B1	N. Alkere	M. Stone	1951	600	Dr	181	7	33	Oh	------	------	------	P	---	38	.7	N	L.
21D2	R. Frakes	----------	12-19-44	575	Dr	1,900	----	------	----	------	------	------	------	---	----	------	Og	La.
21R1	----------	Mr. Ferguson	--------	540	Dr	95	----	------	----	------	------	------	------	---	----	------	T	L.
22A1	Mrs. Switz	Waggoner Bros.	2-13-47	530	Dr	148	6	64	Oh	------	------	------	P	C	48	1	D	La.
22A2	Mr. Sandérs	M. Stone	7-31-51	525	Dr	140	8	66	Oh	------	------	------	P	C	41	2	D	La (partial).
22A3	C. Justus	---------do----------	7-31-52	525	Dr	120	6	56	Oh	101	10	Ss	P	C	45	2.5	D	La.
22A4	O. Ramsey	Waggoner Bros.	2-20-46	530	Dr	70	----	------	Oh	------	------	------	P	---	----	------	D	La.
22A5	M. Loose	---------do----------	1-25-46	530	Dr	140	6	56	Oh	114	26	Ss	P	C	49	1	D	La.
22A6	J. Fryo	---------do----------	6-26-44	520	Dr	130	6	42.5	Oh	108	22	Ss	P	C	37	.8	D	La.
22A7	Mr. Switz	M. Stone	1951	530	Dr	137	6	65	Oh	102	35	Ss	P	C	53	1.5	D	La.
22A8	O. Owen	---------do----------	10-27-52	530	Dr	136	6	------	Oh	115	21	Ss	P	C	33	1.5	D	La (partial).
22A9	E. Sparks	---------do----------	6- 4-55	535	Dr	146	6	64	Oh	119	24	Ss	P	C	64	.9	D	La.
22A10	C. Gibson	Waggoner Bros.	1-46	530	Dr	147	6	62	Oh	112	35	Ss	P	C	56	1	D	L, A.
22B1	R. Hauser	---------do----------	7-48	550	Dr	128	6	75.5	Oh	98	30	Ss	P	C	48	3.5	D	L.
22D2	R. Grounds and W. Wakefield	Spainhower and Sons	5-55	535	Dr	135	6	97.5	Oh	100	35	Ss	P	C	71	1.5	P	La, Dd reported to be 64 feet pumping at 1.5 gpm.
22D1	W. Holmes #1	----------	12-12-40	577	Dr	1,765	----	------	----	------	------	------	------	---	----	------	Og	La, S.
22F1	Mr. Allen #1	----------	12-17-40	536	Dr	1,820	----	------	----	------	------	------	------	---	----	------	Og	La, E.
22H1	Rioth and Riley Construction Co.	Waggoner Bros.	2-49	525	Dr	140	8	18	Oh	91	46	Ss	P	C	36	3	D	La.
22H2	Switz City Bank	M. Stone	1-24-55	530	Dr	152	6	61	Oh	103	37	Ss	P	C	62	.5	P	La.
22H3	S. Willis	Waggoner Bros.	11-18-46	530	Dr	66	----	60	Oh	------	------	------	P	---	----	------	D	La.
22H4	Farm Bureau Co-op	M. Stone	5-25-51	530	Dr	152	6	62	Oh	111	22	Ss	P	C	49	.7	P	L, A.
22H5	W. Potter	Waggoner Bros.	2-48	530	Dr	135	----	54	Oh	111.5	23.5	Ss	P	C	38	1.5	D	La.
22H6	R. Hedrick	---------do----------	2- 4-46	525	Dr	131	6	45.5	Oh	108	23	Ss	P	C	36	1	D	La.
23D1	R. Holtzclaw	Mumma Bros.	--------	525	Dr	186	7	58.5	Oh	111 170	54 16	Ss Sd-Ls	P P	C C	60	2.5	D	La (partial).
23C1	Switz City School	Waggoner Bros.	8-22-47	535	Dr	234	----	------	----	------	------	------	------	---	----	2	P	La (partial).
23C2	---------do----------	M. Stone	9-30-52	535	Dr	256	6	75	Oh	251	4	Ss	P	C	47	15	P	L, A.
23C3	R. Conklin	Spainhower and Sons	10-55	530	Dr	140	6	34	Oh	115	20	Ss	P	C	44	5	D	La, Dd reported to be 26 feet pumping at 5 gpm.
23D1	Farm Bureau Co-op	Waggoner Bros.	4- 9-47	525	Dr	140	6	66	Oh	110	30	Ss	P	C	34	1.5	I	La.
23D2	W. Dowden	M. Stone	7-28-51	520	Dr	145	8	62.5	Oh	105	38	Ss	P	C	32	2	D	L, A.
23E1	G. W. Mueren	Waggoner Bros.	6- 1-44	525	Dr	137	6	44	Oh	125	12	Ss	P	C	43	.3	D	L, A.
23E2	G. Sparks	M. Stone	8- 4-52	525	Dr	80	6	------	Oh	------	------	------	P	C(?)	25	.7	D	La (partial).
23E3	H. Haskett	Mumma Bros.	7-22-59	525	Dr	150	7	61	Oh	137	10	Ss	P	C	50	2	D	L, A.
23F1	O. Ghoen	M. Stone	1951	535	Dr	80	6	65	Oh	68	1	C	P	C	39	10	D	La.
23F2	S. Terroll	---------do----------	1952	530	Dr	138	6	67	Oh	------	------	------	P	C	53	1	D	L.
23M1	W. E. Moore #1	----------	1-23-52	542	Dr	1,746	----	------	----	------	------	------	------	---	----	------	Og	La. E.
23P1	E. Smock	Waggoner Bros.	1-47	560	Dr	253	8	108.5	Oh	------	------	Ss	P	C	40	5	D	L, A.
27B1	Mr. Martindale	----------	--------	490	Dr	206	----	------	----	------	------	------	------	---	----	------	----	L, Ashley (1899).
28A1	----------	Mr. Ferguson	--------	535	Dr	94	----	------	----	------	------	------	------	---	----	------	T	L, Ashley (1899).
28K1	Gillespie Coal Co.	Waggoner Bros.	--------	545	Dr	90	8	30	Oh	------	------	------	P	---	----	5	N	L, A.
29C1	City of Linton	----------	--------	485	Dr	43	4	------	----	------	------	S,G(?)	Pl(?)	C(?)	1.8	------	T	Water level measured 11-21-58
29D1	---------do----------	Layne-Northern Co., Inc.	7- 2-48	480	J	58	2½	------	----	18	39	S,G	Pl	C(?)	18	------	T	L.
30H1	---------do----------	---------do----------	8-23-48	480	Dr	58	6	------	----	39 54	10 4	S,G Ss	Pl P	C C	18 27	------	T	L.
30P1	---------do----------	---------do----------	6-18-48	480	Dr	100	6	------	----	49	3	G	Pl	C	5	------	T	L.
30Q1	---------do----------	---------do----------	5-14-48	480	Dr	97	6	------	----	67 94	5 1	G,S G	Pl Pl	C C	20 7	------	T	L.
30R1	---------do----------	---------do----------	5-20-48	480	Dr	75	6	------	----	30	31.5	S,G	Pl	C	4	------	T	L.
30R2	---------do----------	---------do----------	5-21-48	480	Dr	30	6	------	----	30	0	G	Pl	C	4	------	T	La.
31A1	---------do----------	---------do----------	6-11-48	480	Dr	87	6	------	----	27 60	11 5	S,G G	Pl Pl	C C	15 4	------	T	L.

Table 1.--Records of wells, Greene County, Indiana--Continued

Well No.	Owner	Driller	Date completed	Altitude (feet)	Type of well	Depth of well below land-surface (feet)	Diameter (inches)	Depth of casing (feet)	Finish	Water-bearing zone: Depth to top (feet)	Water-bearing zone: Thickness (feet)	Water-bearing zone: Material	Water-bearing zone: Geologic age	Water-bearing zone: Ground-water occurrence	Water level (feet)	Yield (gpm)	Use	Remarks
7/8W-33J1	J. L. Fields	Waggoner Bros.	6-47	510	Dr	60	6	47	Oh	------	------	------	P	C	20	20	D,S	L, A.
33K1	C. Anderson	---------do----------	9-18-47	515	Dr	215	6	55.5	Oh	------	------	------	------	---	1	.1	D	L (partial), A. Well filled 170-215 feet to seal off saline water.
33K2	H. A. Bodwell	----------	--------	520	Dr	35	----	------	----	------	------	------	------	---	----	------	T	La, Ashley (1899).
33M1	J. Ross	J. Steward	--------	570	Dr	200	----	------	----	------	------	------	------	---	----	------	T	L, Ashley (1899).
34E1	R. Akrie	Waggoner Bros.	5-49	510	Dr	51	----	51	Oc	38	13	S,G	Pl	---	----	------	S	L, A.
34K1	D. Blanton #1	Edison and Gwaltney Drilling Co.	9-17-50	493	Dr	1,769	----	------	----	------	------	------	------	---	----	------	Og	La, E.
7/7W- 1C1	D. Tendick	Waggoner Bros.	8-26-44	580	Dr	181	6	94.5	Oh	------	------	------	P	C	64	1.5	D	L, A.
2C1	Maumee Collieries Co.	H. R. Knox	6-46	560	Dr	120	7	43	Oh	43 74 113	9 12 5	Ss Ss Ss	P P P	---	----	------	Do	L.
2C2	B. Seever, Jr.	R. C. Page	3-58	560	Dr	210	4	208	Oo	------	------	------	P	C	40	8.5	D,S	La (partial), A.
3J1	W. Popo	---------do----------	8-58	605	Dr	260	7	104.5	Oh	------	------	------	P	C	94	------	D,S	La (partial). A.
3R1	F. Browning	Waggoner Bros.	12-45	575	Dr	118	----	------	Oh	------	------	------	P	---	----	------	D	L.
4N1	D. Frank	H. R. Knox	4-16-53	555	Dr	131	6	42	Oh	------	------	------	------	---	31	------	Dh	L.
6D1	Sherwood Templeton Coal Co. #1	----------	12-29-49	594	Dr	2,313	----	------	----	------	------	------	------	---	----	------	Og	La, E.
6J1	N. Duckworth	H. Ellis	--------	570	Dr	85	8	58	Oh	57	12.5	Ss	P	C	42	------	D	L, A.
7N1	Mr. Moss	R. Marshall	--------	570	Dr	126	3	------	----	------	------	------	------	---	----	------	T	L, Ashley (1899).
7P1	---------do----------	---------do----------	--------	560	Dr	50	----	------	----	------	------	------	------	---	----	------	T	Log-Quicksand 0 to 50 feet, Ashley (1899).
9A1	E. Thompson	H. R. Knox	3-45	620	Dr	200	7	48	Oh	121	66	Ss	P	C	100	5	D	L, A.
9B1	Mt. Olive Church Parsonage	Waggoner Bros.	4-15-47	600	Dr	31	6	30	Oo	------	------	------	Pl(?)	C	4	8.5	D	L.
9C1	R. Fines	S. L. Howell	1958	595	Dr	146	4	58	Oh	------	------	------	P	---	75	1	D	L, A.
9E1	R. Phow	---------do----------	8-57	570	Dr	56	6	------	----	------	------	------	------	---	----	------	Do	La.
9E2	---------do----------	---------do----------	7-57	570	Dr	138	6	45	Oh	125	13	Ss	P	C	71	1	D	L, A.
9J1	C. J. Bogard	H. R. Knox	8-10-54	600	Dr	239	6	163	Oh	200	39	Ss	P	---	----	------	N	L.
9K1	W. Bobbitt	M. Stone	8-19-55	590	Dr	257	6	174	Oh	184 231	4 19	C Ss	P P	C C	102	12	D	L, A, Dd reported to be 98 feet after pumping 1 hour at 12 gpm.
9K2	---------do----------	---------do----------	1955	590	Dr	136	8	------	Oh	------	------	------	------	---	86	------	Dh	La.
9R1	D. Sims	H. R. Knox	5- 6-50	570	Dr	113	7	24	Oh	107	6	Sh	P	C	98	------	D	L, A.
10B1	J. Greenwood #1	George and Wrather Drilling Co.	2- 8-49	573	Dr	1,977	----	------	----	------	------	------	------	---	----	------	Og	La, E.
10C1	J. Greenwood	M. Stone	1951	590	Dr	73	6	33	Oh	58	17	Ss	P	---	----	2	D	L, A.
10E1	D. Menz	---------do----------	5-53	600	Dr	250	6	149	Oh	243	7	Ss	P	C	112	15	D	L, A, Dd reported to be 88 feet after pumping 1 hour at 10 gpm.
10F1	H. Gillett #1	----------	4-13-54	594	Dr	1,854	----	------	----	------	------	------	------	---	----	------	Og	L.
10G1	H. Shonk	Waggoner Bros.	3-20-46	560	Dr	210	6	63	Oh	174	36	Ss	P	C	64	12	D	L, A.
10N1	H. Headley	H. R. Knox	8-14-54	575	Dr	137	7	40.5	Oh	73 115	12 9	Ss Ss	P P	C(?) C(?)	----	------	D	L.
10P1	C. Yoder	M. Stone	8- 8-54	580	Dr	75	----	------	----	------	------	------	P	---	----	------	Do	L, Dry hole.
11B1	Mr. Hollingsworth	R. C. Page	4-58	560	Dr	124	6	------	Oh	------	------	------	P	---	----	------	D,S	La (partial), A.
11B2	J. Letterman	----------	--------	560	Dr	158	----	------	----	------	------	------	------	---	----	------	T	L, Ashley (1899).
11E1	C. Creager	H. Ellis	8-52	590	Dr	200	7	113.5	Oh	179	20	Ss	P	C	105	5	D	La, A.
11E2	P. Dunno	M. Stone	5-21-52	590	Dr	235	6	110	Oh	------	------	------	P	C	98	1.5	D	L, A.
11F1	C. Bicknell	Spainhower and Sons	10-56	600	Dr	200	7	122	Oh	190	10	Ss	P	C	68	.8	D	L.
11L1	Maumee Collieries Co.	M. Bicard	--------	560	Dr	338	6	147	Oh	------	------	------	P	---	----	------	N	L.
11P1	C. Icongle	A. H. Ellis	--------	545	Dr	240	8	76	Oh	------	------	------	P	C	55	1	D	L, A.
11P2	C. Taylor	M. Bicard	--------	535	Dr	212	6	77	Oh	142	48	Ss	P	C	50	3	D,S	La.
12R1	C. Sherrard, Jr.	S. L. Howell	1956	530	Dr	150	6	28	Oh	------	------	------	P	C	25	------	D	L, A.
13E1	Conservation Club	Waggoner Bros.	11-47	520	Dr	155	6	62	Oh	137.5	17.5	Ss	P	C	38	10	P	L, A.
13E2	A. M. Rishor	Spainhower and Sons	2-56	505	Dr	158	6	------	Oh	------	------	------	P	---	----	10	D	La (partial).
13J1	R. Ellis	Waggoner Bros.	10-29-46	550	Dr	147	6	78.5	Oh	115	32	Ss	P	C	62	5	D	L.
13P1	H. Wright	---------do----------	--------	510	Dr	85	----	------	Oh	------	------	------	P	---	----	------	D	La.
13P2	J. Winters	H. Ellis	--------	530	Dr	177	7	88	Oh	141.5	25.5	Ss	P	C	40	4.5	D	L, A.

7/7W-13Q1	E. Novey	Waggoner Bros.	3-46	520	Dr	120	8	69	Oh	105	15	Ss	P	---	----	------	D	L.
13R1	G. Bowers	---------do----------	3-26-46	505	Dr	127	6	65	Oh	93.5	33.5	Ss	P	C	12	2	D	L, A.
14A1	V. O. Syster	---------do----------	7-27-37	520	Dr	65	----	------	Oh	48	17	Ss	P	---	----	------	D	L, A.
14A2	Police Lodge	R. C. Page	6-58	530	Dr	175	7	88.5	Oh	129	46	Ss	P	C	45	------	P	L.
14A3	---------do----------	---------do----------	8-58	530	Dr	59	6	43	Oh	------	------	------	P	---	----	------	Og	La.
14B1	A. M. Rimhor	H. R. Knox	12-24-54	515	Dr	80	7	19	P	44	3	C	P	---	----	------	D	L, A.
							5	89		47	9	Sd-Sh	P					
14N1	H. Edwards	Spainhower and Sons	8-56	510	Dr	175	8	80	Oh	150	25	Ss	P	C	18	------	D	L, A.
15C1	D. Preblo	H. Ellis	8-53	565	Dr	190	6	100	Oh	103	16	Ss	P	C	87	1	D	L.
15E1	J. Gray	S. L. Howell	1956	580	Dr	99	----	------	----	------	------	------	------	---	----	------	Dh	La.
15E2	Miller and Terpin Cement Plant	M. Stone	12-21-53	580	Dr	141	8	41	Oh	------	------	------	------	C	98	------	Dh	L.
15K1	Mrs. F. Woodraft	H. R. Knox	5- 2-52	545	Dr	72	7	20.5	Oh	------	------	------	------	---	----	------	Dh	L.
15P1	R. Gabbard	---------do----------	4-26-52	560	Dr	110	7	20	Oh	------	------	------	------	C	15	------	Dh	La.
15P2	B. Bolton	M. Stone	11- 6-54	565	Dr	115	----	------	Oh	------	------	------	------	---	----	------	Dh	L.
15Q1	R. Bryant	H. R. Knox	4-30-52	535	Dr	65	7	20	Oh	------	------	------	------	---	----	------	Dh	La.
15Q2	G. Gondson	M. Stone	4-19-56	540	Dr	82	6	22	Oh	------	------	------	------	C	58	------	Dh	L, Lost water at 37 feet, picked up water at 69 feet.
16N1	R. Handerson	H. R. Knox	3-31-53	555	Dr	127	7	18.5	Oh	------	------	------	------	---	----	------	Dh	L.
19C1	Sherwood Templeton Coal Co. #1	----------	11-11-38	495	Dr	978	----	------	----	------	------	------	------	---	----	------	Og	La.
19J1	Town of Dugger	Holdt-Monroe	2-41	490	Dr	50	28 15	50	S,dp	------	------	S	Pl	C	13	172	P	10 foot No. 20 slot screen. Dd reported to be 21.5 feet after pumping 2 hours at 172 gpm.
19J2	---------do----------	Layne-Northern Co., Inc.	10-27-54	490	Dr	58	8	------	----	25	23	G,S	Pl	C	26	------	T	La.
19J3	---------do----------	---------do----------	10-28-54	490	Dr	58	6	------	----	20	34	G,S	Pl	C	26	------	T	L.
19J4	---------do----------	---------do----------	11-11-54	490	Dr	51	8	------	----	45	5	G	Pl	C(?)	----	------	T	La.
19L1	Mr. Swaby	----------	--------	495	Dr	108	----	------	----	------	------	------	------	---	----	------	T	L, Ashley (1899).
19N1	Maumee Collieries	M. Sicard	--------	510	Dr	120	6	------	----	------	------	------	------	---	33	------	T	L.
21J1	S. Bough	S. L. Howell	1958	525	Dr	100	8	60	Oh	------	------	------	------	C	35	3	D	L, A.
22B1	G. Wautlet	M. Stone	4-23-56	530	Dr	62	6	26	Oh	------	------	------	------	C	45	------	Dh	La.
22B2	P. F. McFaddon	H. R. Knox	10-45	530	Dr	70	7	21.5	Oh	------	------	------	------	C	50	------	Dh	L.
22G1	R. Vita	Waggoner Bros.	1946	520	Dr	68	6	28	Oh	------	------	------	------	---	----	------	Dh	La.
22G2	J. Smith	H. R. Knox	10- 3-52	525	Dr	68	8	20	Oh	------	------	------	------	---	----	------	Dh	La.
22G3	T. Gull	Mumma Bros.	4-24-56	525	Dr	90	7	86	Oh	------	------	------	------	---	----	------	Dh	La.
22G4	W. C. Robertson	Waggoner Bros.	1946	525	Dr	72	----	------	Oh	------	------	------	------	---	----	------	Dh	La.
22G5	G. Richard	H. R. Knox	9-14-52	530	Dr	70	6	18	Oh	------	------	------	------	---	----	------	Dh	L.
22M1	R. M. Anderson	---------do----------	3-45	550	Dr	147	8	27	Oh	123	10	Ss	P	C	85	------	N	L.
25P1	J. Kirby	----------	--------	500	Du	23	----	------	----	------	------	------	P	---	----	------	----	L, Ashley (1899).
26C1	A. Hall	Waggoner Bros.	4-24-44	515	Dr	91	6	40	Oh	76.5	13	Ss	P	C	27	.7	N	La.
26C2	W. Angelton	---------do----------	7-26-44	520	Dr	129	6	58.5	Oh	------	------	------	P	C	42	.2	D	L, A.
27A1	E. S. Jackson	H. R. Knox	8- 8-52	540	Dr	83	6	------	Oh	77	8	C	P	---	----	------	D	L, Water may be from old mine works.
27C1	J. F. Camberlain	Waggoner Bros.	9- 7-44	530	Dr	200	8	93.5	Oh	------	------	------	P	C	94	.2	N	L, A.
27J1	C. Cunningham	H. Ellis	--------	575	Dr	125	8	103	Oh	122	3	Sh	P	C	94	23	N	L.
29A1	W. Hamilton	----------	1941	480	Du	18	----	------	----	------	------	G	Pl	C	2	20	Do	Dd reported to be 7 feet after pumping 3 hours at 20 gpm.
29P1	C. Wampler	H. Ellis	7- 1-53	485	Dr	240	6	115.5	Oh	220.5	4	C	P	C	13	4	D	L, A.
30L1	Mr. Bennett	H. R. Knox	5-24-52	510	Dr	102	7	32	Oh	61	6	Ss	P	---	----	------	D	L.
										95	7	Ss	P					
31D1	O. Carrico	H. Ellis	7-53	570	Dr	360	10	20	Oh	351	9	Ss	P	---	----	------	Dh	L, Saline water.
32C1	R. Thomas	R. C. Page	9-57	485	Dr	248	8	102	Oh	109	15	Ss	P	C	15	.4	N	L.
										200	3	Ls,C	P	C				
32R1	D. Knowels	M. Stone	10-30-54	485	Dr	250	6	128	Oh	------	------	------	P	C	18	2	D	L, A.
34Q1	J. Spice	H. Ellis	6-52	480	Dr	101	8	83	Oh	76	7	Ss	P	---	----	4	D	L.
36F1	Blacksmith Shop	----------	--------	520	Du	23	----	------	----	------	------	------	P	---	----	------	----	L, Ashley (1899).
8/3W- 8H1	M. Hamblin	L. Sparks	1956	660	Dr	108	4	108	Oo	------	------	S,G	Pl	C	30	------	D	Reported log-Sand and gravel 0 to 108 feet.
14E1	L. Sparks	---------do----------	1949	720	Dr	140	6	35	Oh	135	5	Ls	M	C	90	4	D	Ls.
14M1	F. and M. Rowe	---------do----------	10-51	685	Dr	80	6	15	Oh	75	5	Ls	M	---	----	4	D	Reported log-Surface 0 to 14 feet; limestone 14 to 80 feet, A.
17P1	W. Dilley #1	----------	9-16-42	623	Dr	1,270	----	------	----	------	------	------	------	---	----	------	Og	L, Sa.
18D1	R. O. Oley	L. Sparks	1953	760	Dr	155	6	120	Oh	120	35	Ls	M	---	120	------	D	Reported log-Drift and quick sand 0 to 120 feet; limestone 120 to 155 feet, A.
33J1	L. Yoho	A. Martindale	1958	820	Dr	200	4	146	Oh	148	52	Ss	M	U(?)	170	5	D	Ls, A.
8/4W-10D1	T. H. Sharr #1	C. A. Davis	5-25-49	540	Dr	2,392	----	------	----	------	------	------	------	---	----	------	Og	La.
16L1	J. T. Stephens #1	Lovelace Drilling Co.	7-28-50	630	Dr	2,413	----	------	----	------	------	------	------	---	----	------	Og	La, E.
17B1	M. Fautless	Mumma Bros.	7-11-59	750	Dr	45	7	20	Oh	30	4	Ls	M	C	20	100	D	L, A. Water from cave. Dd reported to be 4 feet after pumping 3 hours at 100 gpm.
19F1	R. Martindale	Waggoner Bros.	5- 6-46	530	Dr	80	----	69	Oh	66	14	Ss	M	C	F	3	D	Log-Sand and clay, blue, soft 0 to 66 feet; sandstone, white 66 to 80 feet, A.

Table 1.--Records of wells, Greene County, Indiana--Continued

Well No.	Owner	Driller	Date completed	Altitude (feet)	Type of well	Depth of well below land surface (feet)	Diameter (inches)	Depth of casing (feet)	Finish	Water-bearing zone: Depth to top (feet)	Thickness (feet)	Material	Geologic age	Ground-water occurrence	Water level (feet)	Yield (gpm)	Use	Remarks
8/4W-19L1	D. Griffith	Spainhower and Sons	1957	565	Dr	106	6	68	Oh	------	------	------	M	---	----	------	D	L.
19M1	R. Dingham	---------do----------	7-55	580	Dr	88	8	43.5	Oh	65	21	Ls	M	U	80	6.5	D	L, A, Dd reported to be 8 feet pumping at 6.5 gpm.
21K1	E. Burch	Mumma Bros.	8-31-56	750	Dr	165	6	118	Oh	------	------	------	M	C	80	15	D	L, A.
24P1	J. Fuller	L. Sparks	9-50	780	Dr	75	6	50	Oh	48	27	Sh,Ss	M(?)	---	----	9	D,S	Ls, A.
26N1	Y. Arthur	Spainhower and Sons	--------	880	Dr	98	----	------	----	------	------	------	M	---	----	------	Da	L.
26N2	---------do----------	---------do----------	--------	880	Dr	139	6	33	Oh	105	17	Sh	M	C	91	------	D	L, A.
32C1	R. Graves	S. L. Howell	1957	610	Dr	68	8	34.5	Oh	------	------	------	M	C	20	8	N	L.
32J1	J. A. Hill	---------do----------	1957	575	Dr	32	4	20	----	------	------	------	------	---	----	------	Dh	L, Drilled into cave in limestone.
8/5W- 2G1	W. Yarbrough	Spainhower and Sons	11-55	650	Dr	75	6	22	Oh	54	11	Sd,Sh	P	C	38	.2	N	La.
2G2	---------do----------	---------do----------	5-10-59	650	Dr	247	8	203	Oh	232	13	Ss	M	C	140	------	P	L, A.
2G3	R. Wise	---------do----------	2-58	645	Dr	248	8	161	Oh	231	17	Ss	M	C	80	7.5	D	La, A.
3N1	G. Vair	---------do----------	1958	705	Dr	100	8	11	Oh	54	------	C	P	---	----	3	D	L.
4F1	B. Mabos #1	Mordis	3-19-59	600	Dr	1,540	8	25	----	100	62	Ss	P	C	80	------	Og	L (partial).
										340	10	Ss	M	C	----	------	----	A.
										990	31	Ls	M	C	----	------	----	A.
7Q1	G. McHenry	Spainhower and Sons	12-56	620	Dr	150	7	47	Oh	85	25	Ss	P	---	----	2.5	D	L, A.
8F1	G. E. Moses	Waggoner Bros.	2-28-49	585	Dr	292	8	89.5	Oh	245	47	Ss	M	C	70	25	D,S	L, A.
8G1	---------do----------	---------do----------	6-10-48	545	Dr	141	8	29	Oh	130	11	Ls	M	C	36	1	D,S	L, A.
		M. Stone	1952	545	Dr	175	6	80	Oh	148	10	Ls	M	C	46	20		
9N1	G. Miller	Spainhower and Sons	1-50	530	Dr	105	6	70.5	Oh	85	20	Ss	P	C	28	6.5	D,S	L. A.
9C1	P. Pickett	Waggoner Bros.	2-49	525	Dr	58	6	------	Oh	55	3	Ss	P	---	----	------	D	L, A.
10P1	A. Ring	Spainhower and Sons	--------	580	Dr	109	6	21	Oh	------	------	------	P	---	48	1.5	D	L.
12R1	P. Osburn	---------do----------	7-20-59	525	Dr	133	8	65	Oh	82	46	Ss	M	C	20	17	D,S	L. A.
14D1	N. Thacker	Waggoner Bros.	9- 1-44	600	Dr	80	6	45.5	Oh	76	4	Ss	P	C	41	3	D	L, A.
15C1	C. Calvert	---------do----------	7- 4-44	590	Dr	132	6	39	Oh	56	50	Ss	P	---	75	1.5	D	L, A.
15C2	R. Calvert	---------do----------	7-14-44	590	Dr	130	6	22	Oh	------	------	------	P	---	70	5	D	La, A.
15C3	T. Calvert	---------do----------	7-11-44	605	Dr	74	6	21	Oh	------	------	------	P	---	37	1.5	D	La, A.
18A1	P. Pickett	Spainhower and Sons	5-55	530	Dr	60	6	40	Oh	38	22	Sh	P	---	----	8	S	L, A.
16Q1	J. Reed	Mumma Bros.	9- 4-59	540	Dr	105	7	15	Oh	80	15	Ss	P	C	16	4	D	L, Dd reported to be 70 feet after pumping 2 hours at 4 gpm.
16R1	F. Griffin	Waggoner Bros.	1-15-46	590	Dr	120	6	52	Oh	------	------	------	P	---	80	12	D	La.
16R2	N. Gillispie	Spainhower and Sons	1958	570	Dr	275	8	40	Oh	------	------	Ss	P	---	----	------	D,S	L, A.
17M1	R. Miller	Waggoner Bros.	8-25-44	618	Dr	155	6	44	Oh	142	13	Ss	P	C	110	.17	D,S	L, A.
17J1	C. Roudebush	---------do----------	8-30-44	530	Dr	97	8	48	Oh	72	25	Ss	P	C	30	4	D	L, A.
18C1	V. Burgress	Spainhower and Sons	7-56	580	Dr	240	6	28	Oh	215	25	Ss	P	---	----	5	D	L (partial).
18F1	O. Riel	M. Stone	8-16-52	565	Dr	120	5	------	Oh	------	------	------	P	C(?)	38	2	D	La (partial).
19Q1	D. Freeman	Spainhower and Sons	--------	530	Dr	48	8	28	Oh	24	24	Ss	P	C	8	5	D	Log-Surface 0 to 24 feet; sandstone, brown, 24 to 48 feet.
21A1	F. Griffin	M. Stone	1953	580	Dr	125	8	41	Oh	------	------	------	P	---	77	2	D	L, A.
21A2	W. Wright	Spainhower and Sons	1-17-55	580	Dr	60	8	43	Oh	40	12	Sd-Sh	P	---	----	5	D	La.
21B1	C. Hamman	M. Stone	5-20-54	535	Dr	148	----	------	Oh	------	------	------	P(?)	C(?)	42	1	D	L (partial).
21B2	G. Scott	---------do----------	10-11-55	510	Dr	84	6	50	Oh	50	6	Ss	P	C	23	8.5	D	L.
21K1	J. Schloot	---------do----------	11-22-52	620	Dr	280	6	------	Oh	270	10	Ss	M(?)	C	120	25	D	La (partial).
21K2	R. Freeman	---------do----------	8-18-54	630	Dr	301	----	------	Oh	280	21	Ss	M(?)	C	130	19	D	L, Dd reported to be 165 feet pumping at 19 gpm.
21L1	J. Livingston	Waggoner Bros.	6-19-46	580	Dr	98	6	28	Oh	80.5	2.5	C	P	---	----	17	D	L; A.
										84.5	11.5	Ss	P					
21L2	L. Sparks	Spainhower and Sons	12- 8-54	650	Dr	142	6	62	Oh	126	5	Ss	P	C	48	5	D	L, Dd reported to be 94 feet pumping at 5 gpm.
21M1	Hoosier Water Co.	H. Lamb	10-28-48	525	Dr	52	10	52	S	------	------	S,G	Pl	U	----	100	P	
21M2	---------do----------	----------	--------	525	Dr	44	8	44	P	------	------	S,G	Pl	U	----	------	P	This well and 4 similar wells used for standby service only.
21P1	R. Greene	M. Stone	7-13-51	595	Dr	180	6	110	Oh	173	17	Ss	P	C	100	15	D	L.
21P2	D. Bucher	Spainhower and Sons	7-13-59	600	Dr	215	6	124	Oh	------	------	------	P	C	110	20	D	L, A, Dd reported to be 25 feet after pumping 3 hours at 20 gpm.

8/5W-23J1	F. Woodsmall	---------do----------	--------	640	Dr	252	8	113	Oh	139 246	4 6	Ss Ss	P M	C C	80	10	D,S	L (partial), A.
24H1	P. Osburn	Spainhower and Sons	7-24-59	540	Dr	174	7	115	Oh	143	21	Ss	M	C	27	15	S	L, E, G, A.
25B1	J. Wilkie	Mumma Bros.	7- 2-56	535	Dr	102	7	20	Oh	88	4	Ss	M	C	30	25	D	L, A.
25D1	L. Smith	Spainhower and Sons	7-20-54	580	Dr	103	6	42	Oh	------	------	------	M	---	54	.8	D	L.
25E1	L. W. Floyd	Waggoner Bros.	4-22-47	530	Dr	47	6	32	Oh	40	7	Ls	M	C	11	66	D,S	L, A, Mud filled cavity.
26E1	C. Jett	Mumma Bros.	9- 3-59	520	Dr	130	7 6	53 89	Oh	89	31	Ss	M	C	22	1.5	D,S	L, A, Dd reported to be 98 feet after pumping 6 hours at 1.5 gpm.
28F1	H. Booze	Spainhower and Sons	7-20-54	535	Dr	53	6	38	Oh	42	11	Ss	M	C	45	5	D	L, A.
28E1	S. Vandenoever	Campbell Bros.	--------	530	Dr	130	8	104	Oh	104	28	Sd-Sh	P	---	----	33	D	L, A.
29H1	Freeman's Locker	M. Stone	6-53	510	Dr	58	11	57	P	7	50	G,S	Pl	U	13	115	I	L, A, Dd reported to be 3. feet pumping at 50 gpm.
30D1	F. Sparks	---------do----------	7- 3-53	515	Dr	75	6	37	Oh	------	------	Ss	P	C	14	33	D,S	L, A, Dd reported to be 48 feet after pumping 1 hour at 33 gpm.
32C1	E. Hodges #1	----------	1- 8-52	510	Dr	1,491	----	------	----	------	------	------	------	---	----	------	Og	L.
33N1	F. McDermont #1	----------	11-18-49	535	Dr	2,613	----	------	----	------	------	------	------	---	----	------	Og	La.
36P1	E. Jackson	M. Stone	--------	660	Dr	75	6	------	----	------	------	------	P	---	----	------	Do	L, Highly mineralized water, well filled.
9/6W- 1H1	G. Krischak	Spainhower and Sons	3-30-59	585	Dr	185	6	59	Oh	146 160	10 25	Ss Ss	P P	C C	40	1.5	D	L, A.
8H1	Mr. Cooprider	Waggoner Bros.	6-46	560	Dr	150	6	73	Oh	------	------	------	P	C	50	------	D	L, A.
10W1	Mr. Darnell	----------	--------	565	Dr	71	----	------	----	------	------	------	------	---	----	------	----	L, Ashley (1899).
12C1	A. Spolts	Spainhower and Sons	12-55	580	Dr	115	8	59.5	Oh	------	------	------	P	---	58	2.5	D	L, A.
12H1	H. Harper	Campbell Bros.	--------	640	Dr	195	8	65	Oh	143	52	Ss	P	---	----	------	D	L.
12H2	Dr. Aydelotte	----------	--------	630	Dr	151	----	------	----	------	------	------	------	---	----	------	----	La, Ashley (1899).
13J1	G. Crody	Waggoner Bros.	6-21-46	600	Dr	232	6	73	Oh	------	------	------	P	---	82	3	D	L, A.
14Q1	E. Spainhower	Spainhower and Sons	--------	540	Dr	130	----	------	Oh	90	3	C	P	C	12	25	D	L.
15Q1	W. Swaby	---------do----------	9-56	555	Dr	235	7	63	Oh	215	20	Ss	P	---	----	2.5	D	L, A.
16N1	C. Green	H. R. Knox	5- 4-49	585	Dr	134	7	20	Oh	105	13	Ss	P	C	20	------	D	L, A.
		M. Stone	6-29-53	---	---	160	6	81	----	150	10	Sd-Sh	P	C	71	4	----	Well deepened by M. Stone.
18A1	W. Marklo	---------do----------	1953	535	Dr	170	7	83.5	Oh	------	------	------	P	C	20	21	D	L, Dd reported to be 120 feet pumping at 21 gpm.
18K1	N. Holms	Waggoner Bros.	9-17-46	585	Dr	86	----	------	Oh	------	------	Ss	P	---	----	------	D	La.
18Q1	F. Allen	M. Stone	1953	580	Dr	224	12	123	Oh	132 151.5	8 28.5	Ss Ss	P P	C C	62	8	D	L.
18R1	E. Harrah	Waggoner Bros.	8-48	575	Dr	166	6	78	Oh	70 146	49 13	Ss Ss	P P	C C	25	2.5	D	L, A.
19C1	W. Marklo	Spainhower and Sons	--------	580	Dr	272	8	149	Oh	------	------	------	P	---	----	------	D,S	L, A.
19E1	N. Holmes	---------do----------	1954	545	Dr	94	6	40.5	Oh	82	12	Ss	P	C	20	10	D	L, A.
20A1	Lincoln Church	---------do----------	12-58	610	Dr	175	8	108	Oh	162	13	Sd-Sh	P	C	90	2.5	P	L.
20B1	C. McCoy	---------do----------	7- 2-54	610	Dr	198	6	109	Oh	------	------	------	P	C	90	2.5	S	L, Dd reported to be 100 feet pumping at 2.5 gpm.
20D1	O. Calvert	---------do----------	8- 3-54	575	Dr	180	6	99	Oh	175	5	Ss	P	---	----	5	D,S	L, A.
20Q1	T. Allen	Waggoner Bros.	12-47	590	Dr	72	6	22	Oh	59	13	Ss	P	C	30	1.5	D,S	L, A.
21A1	F. Dailey	M. Stone	6-12-51	565	Dr	138	6	58	Oh	126	2.5	C	P	C	35	10	D	L, A.
21K1	L. Greene	---------do----------	3- 9-53	580	Dr	142	8	74	Oh	128	4	Ss	P	C	48	10	D	L, A.
21P1	O. Dailey	---------do----------	1- 4-52	570	Dr	156	6	78.5	Oh	------	------	------	P	C	43	8	D	L, A.
22A1	G. Hardesty	---------do----------	1951	530	Dr	90	8	33	Oh	86	4	Ss	P	C	15	12	D,S	L, A.
23K1	B. T. Greene #1	Shafer and Patchell	10-28-37	529	Dr	1,695	----	------	----	------	------	------	------	---	----	------	Og	S.
23N1	J. Reece	M. Stone	1951	550	Dr	159	6	52.5	Oh	152	2	C	P	C	30	10	D	L, A.
24E1	W. Hannum	Spainhower and Sons	--------	565	Dr	130	8	80	Oh	104	2	C	P	C	30	13	D	L, A.
26B1	G. Kirk	Waggoner Bros.	7-19-44	600	Dr	162	6	21	Oh	72	10	Ss	P	C	38	------	D	L, A.
		Spainhower and Sons	--------	---	---	234	6	166	----	211	23	Ss	P	C	107	------	----	Well deepened by Spainhower and Sons.
26J1	G. Manners	---------do----------	8- 5-54	630	Dr	213	8	103	Oh	195	18	Ss	P	---	----	5	D	L, A.
26M1	W. T. Brodowag	---------do----------	12-22-54	605	Dr	230	6	82	Oh	150	10	Sd-Sh	P	C	70	2	D	L, A, Dd reported to be 130 feet pumping at 2 gpm, Cement plug 203 feet to 230 feet.
27N1	E. Nomler	M. Stone	5-17-54	580	Dr	150	6	97.5	Oh	142	4.5	Ss	P	C	70	20	D,S	L, A. Dd reported to be 35 feet at 20 gpm.
28P1	J. Newsom	----------	--------	560	Dr	144	----	------	----	------	------	------	------	---	----	------	----	L, Ashley (1899).
28Q1	P. Swaby	M. Stone	11-19-54	560	Dr	145	6	42	Oh	128	4	C,F	P	C	56	13	D,S	L, A.
30D1	E. Bennington	Spainhower and Sons	1954	525	Dr	32	6	32	Oo	15	17	S,G	Pl	---	----	------	D,S	L, A.
31E1	W. Markle	V. Haydon	--------	540	Dr	100	----	------	Oh	85	15	Sd-Sh	P	---	----	------	S	L, A.
31M1	A. Cotter	M. Bicard	--------	550	Dr	215	8	54	Oh	162	23	Ss	P	C	30	------	D,S	L, A.
31M2	---------do----------	---------do----------	--------	550	Dr	217	8	18	Oh	182	25	Ss	P	C	12	------	D,S	La.
36P1	R. Vohslage	M. Stone	1953	520	Dr	146	8	62	Oh	124	22	Sd-Sh	P	C	38	------	Do	L.
36P2	---------do----------	R. Vohslage	1953	520	Do	20	----	20	S	------	------	S,G	Pl	---	----	------	D	
8/7W- 1D1	E. Keene	L. Adkins	7-13-46	530	Dr	100	6	63	Oh	------	------	------	P	---	----	------	D,S	L, A.
2M1	W. H. Slough	----------	--------	540	Dr	146	3	58	Oh	58 87	24 44.5	Ss Ss	P P	---	----	------	----	L.
2N1	O. L. Newsom	H. R. Knox	7-21-34	560	Dr	123	7 5	27.5 42	Oh	73	50	Ss	P	---	----	------	D	L.

Table 1.--Records of wells, Greene County, Indiana--Continued

Well No.	Owner	Driller	Date completed	Altitude (feet)	Type of well	Depth of well below land-surface (feet)	Diameter (inches)	Depth of casing (feet)	Finish	Water-bearing zone: Depth to top (feet)	Water-bearing zone: Thickness (feet)	Water-bearing zone: Material	Water-bearing zone: Geologic age	Water-bearing zone: Ground-water occurrence	Water level (feet)	Yield (gpm)	Use	Remarks
8/7W- 2P1	O. Crawl	H. R. Knox	7-20-54	565	Dr	121	8	38	Oh	82	39	Ss	P	---	----	------	D	L.
							7	54										
2P2	---------do----------	T. S. Ritchey	--------	565	Dr	653	----	------	----	------	------	------	-----	---	38	------	Og	L.
2Q1	H. Stalcup	H. R. Knox	7-45	590	Dr	63	7	15.5	Oh	14	22	Ss	P	---	----	------	D,S	L, A.
										40	8	Ss	P					
										55	8	Ss	P					
3J1	M. Spainhower	Spainhower and Sons	5-57	580	Dr	300	6	0	Oh	18	7	Ss	P	C	18	.2	N	L, A, Analysis from upper water bearing zone, Saline water in lower water bearing zone.
										272	28	Ss	P	---	----	8		
3R1	Mr. Hastings	L. Adkins	6-24-48	565	Dr	125	6	88	Oh	83	42	Ss	P	---	----	------	D	L, A.
4L1	City of Jasonville	Woldt-Monroe	1941	605	Dr	394	10	257	Oh	48	3	Sh	P	---	----	------	N	L.
							6	384	----	134	7	Ss	P					
4Q1	Chicago, Milwaukee, St. Paul and Pacific R.R.	P. E. Millis and Co.	12- 1-25	600	Dr	94	12	16	P	------	------	------	P	C	79	------	N	La, Water in old mine opening.
							10	94										
5E1	W. Harvey	Spainhower and Sons	2-56	595	Dr	160	6	50	Oh	------	------	------	P	C(?)	50	2.5	D	L, A.
5F1	O. Ax	M. Stone	8-11-51	605	Dr	151	8	80	Oh	------	------	------	-----	C	55	------	Dh	L.
7D1	F. Grabner	Spainhower and Sons	12-55	565	Dr	130	6	83	Oh	112	6	Ss	P	C	35	2.5	D	L, A.
7D2	A. Grabner	---------do----------	--------	565	Dr	151	6	44.5	Oh	123	28	Ss	P	C(?)	----	------	D	La.
10N1	R. Corbin	H. Ellis	2- 6-55	620	Dr	187	11	114	Oh	169	8	C	P	C	67	5	D	L, A.
							6	153										
10N2	---------do----------	M. L. Bicard	--------	620	Dr	178	6	108	Oh	162	5	C	P	C	61	------	N	La.
10N3	---------do----------	---------do----------	--------	620	Dr	180	7	144	Oh	164	7	C	P	C	65	5.5	N	La.
10N4	Mrs. J. Faugerausser	H. Ellis	7-53	615	Dr	173	6	152	Oh	155.5	8.5	C	P	C	60	3	D	La.
10N5	H. Zuder	M. L. Bicard	--------	620	Dr	162	6	103	Oh	156	5	C	P	C	----	------	D,S	L, A.
10P1	R. Habbe	Spainhower and Sons	5-55	630	Dr	148	8	16	Oh	------	------	------	P	---	----	------	D	L.
							6	88										
10R1	R. Poe	M. L. Bicard	--------	660	Dr	185	7	110	Oh	147	23	Ss	P	C	103	4	N	L.
11C1	R. J. Rowen	H. R. Knox	7-45	560	Dr	63	7	11	Oh	9	16	Ss	P	---	----	------	D	L, A.
										33	12	Ss	P					
										48	10	Ss	P					
13D1	Hercules Powder Co.	M. L. Bicard	--------	545	Dr	109	8	63	Oh	63	46	Ss	P	C	30	------	N	L.
13E1	---------do----------	H. Ellis	--------	545	Dr	116	6	70	Oh	111	5	Ss	P	C	15	5	N	L.
13R1	W. Radcliff	Spainhower and Sons	6-56	560	Dr	125	7	87	Oh	87	38	Ss	P	C(?)	----	7.5	D	L, A.
14B1	Q. Thomas	M. L. Bicard	--------	590	Dr	130	6	99.5	Oh	111	8	Sh	P	C	55	------	D	L, A.
										117	5	C	P	C				
15A1	H. Wolfe	---------do----------	--------	680	Dr	169	6	110	Oh	143	26	Ss	P	C	109	------	N	L.
15E1	D. Schloot	H. Ellis	--------	630	Dr	183	7	160	Oh	168	6.5	C	P	C	95	4.5	D	L, A.
15F1	J. Edmonson	H. R. Knox	8-21-50	610	Dr	60	13	------	Oh	------	------	------	-----	---	----	------	----	L, Air shaft hole for mine.
15F2	P. Schloot #1	----------	10-24-52	632	Dr	2,109	----	------	----	------	------	------	-----	---	----	------	Og	E.
16A1	O. Lotsinger	M. L. Bicard	--------	620	Dr	170	6	106.5	Oh	158	5	C	P	C(?)	----	------	N	L.
16C1	E. Cook	Spainhower and Sons	2-57	650	Dr	115	7	58	Oh	105	10	Sh	P	C	----	6.5	D	L, A.
16C2	M. Jones	H. Ellis	--------	650	Dr	200	7	178.5	Oh	184	4.5	C	P	C	83	2.5	D	L.
16H1	W. Michaels	---------do----------	12-14-53	645	Dr	185	6	160	Oh	102	7	C	P	C	86	4	D	L.
16R1	Lebanon Church Cemetery	M. L. Bicard	--------	610	Dr	117	8	81	Oh	105	12	Ss	P	C	40	------	P	L, A.
20A1	L. Smith	H. R. Knox	8-29-53	615	Dr	108	8	22	Oh	28	79	Ss	P	---	----	------	S	L, A.
21D1	Q. Mitchell	Spainhower and Sons	8-14-54	645	Dr	170	8	81	Oh	75	85	Ss	P	C	61	1	D	L, Dd reported to be 109 feet pumping at 1 gpm.
21G1	S. Vaughn	H. Ellis	6-53	655	Dr	170	6	70	Oh	158	12	Ss	P	C	69	3.3	D	L, A.
21G2	R. Clark	R. C. Page	4-58	650	Dr	180	8	73	Oh	164	10	Ss	P	C	75	3.5	D	La.
21K1	M. Newgent	M. Stone	6-19-53	660	Dr	125	6	64.5	Oh	116	8	Ss	P	C	75	2	D	L.
21M1	O. Mitchell	Spainhower and Sons	9-18-54	615	Dr	180	6	31	Oh	150	20	Ss	P	---	----	2.5	D,S	L, A.
22A1	Maumee Collieries	M. L. Bicard	--------	560	Dr	216	6	145	Oh	165	10	Ss	P	C	55	------	P,I	L, A.
										201	15	Ss	P	C				
22D1	Lebanon Church	---------do----------	--------	610	Dr	145	8	97	Oh	137	7	Ss	P	C	65	------	P	La.
22D2	E. O'Bryan	Spainhower and Sons	5-55	610	Dr	225	6	192	Oh	200	37	Ss	P	C	65	5	D	L, A.
22E1	Midland School	H. R. Knox	--------	640	Dr	315	----	220	Oh	255	35	Ss	P	---	----	------	P	L.
22J1	K. Wollam	H. Ellis	9- 2-53	590	Dr	203	8	140	Oh	179	26	Ss	P	C	72	5	D,S	L, A, Dd reported to be 133 feet pumping at 5 gpm.
23B1	Maumee Collieries	---------do----------	--------	565	Dr	175	8	97	Oh	137	24	Ss	P	C	47	4	P,I	L, A.

8/7W-23B2	---------do----------	R. L. Akre	7-34	565	Dr	177	6	96	Oh	133	22	Ss	P	---	----	------	N	La.
23D1	---------do----------	R. C. Page	5-58	550	Dr	233	10	30	Oh	------	------	------	P	C	12	7	I	L.
24J1	W. Roof	Waggoner Bros.	6-13-44	540	Dr	128	6	22	Oh	------	------	------	P	C	12	1.5	D	L, A.
25H1	C. Bodwell	Spainhower and Sons	--------	535	Dr	69	6	26	Oh	32	37	Ss	P	C	15	3	D	L, Dd reported to be 54 feet pumping at 3 gpm.
27G1	J. Kross	---------do----------	8-55	640	Dr	115	6	65	Oh	112	3	C	P	C	74	7.5	D	L, Dd reported to be 36 feet pumping at 7.5 gpm.
27M1	W. Tucker	---------do----------	9- 1-54	615	Dr	114	6	41	Oh	85	29	Ss	P	C	15	3.5	D	L, A, Dd reported to be 90 feet pumping at 3.5 gpm.
28A1	L. Clark	R. C. Page	7-58	640	Dr	175	6	100	Oh	------	------	------	P	C	30	5	D	L, A.
28C1	P. and I. Mino	Spainhower and Sons	--------	655	Dr	181	----	------	Oh	------	------	------	P	---	----	------	I	L.
28F1	Monos R. R.	M. Stone	4- 9-53	640	Dr	90	6	48	Oh	78	3	Sd-Sh	P	C	8	4	N	La.
28F2	---------do----------	---------do----------	8-53	640	Dr	245	6	185.5	Oh	------	------	------	P	C	83	2	N	L.
28F3	Monos R. R. and J. Axe	Spainhower and Sons	10- 2-54	645	Dr	181	6	------	Oh	------	------	------	------	---	----	------	I	La, Drilled into old mine works.
28P1	A. W. Maywood	H. R. Knox	7-46	620	Dr	148	6	40	Oh	80	30	Ss	P	C	40	------	D	L, A.
										109	16	Ss	P	C				
										144	4	C	P	C				
30Q1	C. Usrey	S. L. Howell	1956	535	Dr	78	6	55	Oh	74	2	Ss	P	C	28	2	D	L.
30R1	H. Johnson	---------do----------	1957	540	Dr	140	6	38	Oh	------	------	------	P	C(?)	40	5	D	L.
31A1	F. Boone	---------do----------	1957	535	Dr	120	6	33	Oh	------	------	------	P	C	30	8	D	L, A.
33A1	M. Richert	Spainhower and Sons	1-57	620	Dr	100	8	20	Oh	------	------	------	P	---	----	1.5	D	L, A.
33H1	P. Aldridge	Waggoner Bros.	5-15-44	610	Dr	181	6	130	Oh	160	21	Ss	P	C	86	.3	D	L.
33J1	K. Pope	Spainhower and Sons	1-57	600	Dr	100	8	15	Oh	85	29	Ss	P	C	20	2.5	D	L, Dd reported to be 80 feet pumping at 2.5 gpm.
33R1	V. Miller	---------do----------	1-57	565	Dr	55	8	25	Oh	38	17	Ss	P	C	10	10	D	L, A, Dd reported to be 45 feet pumping at 10 gpm.
34D1	D. Meyers	---------do----------	8-55	640	Dr	308	6	150	Oh	143	15	Sd-Sh	P	C	89	6.5	D	L, A, Dd reported to be 201 feet after pumping 3 hours at 6.5 gpm.
										290	18	Ss	P	C				
34R1	F. Pope	H. R. Knox	7-53	605	Dr	210	7	87	Oh	112	6	Ss	P	---	----	------	D	L, A.
										138	72	Ss	P					
35P1	G. Edwards	M. Stone	8-19-53	580	Dr	139	6	------	Oh	------	------	------	P	C(?)	34	1.5	D	L (partial).

Table 2.--Selected well logs, Greene County, Indiana

Remarks: T.D., total depth in feet, complete log or sample log not given; W.B., water bearing.

Well 6/3W-27L1

Type of record: Driller's log from memory. Altitude: About 660 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Undifferentiated: a/			
Surface	20	20	
Mississippian system:			
Chester series:			
Shale	20	40	
Sandstone, soft	60	100	W.B.

Well 6/3W-32A1

Type of record: Driller's log. Altitude: About 805 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Undifferentiated: a/			
Top soil, clay	9	9	
Pennsylvanian system:			
Lower series:			
Shale, soft, gray	7	16	
Shale, soft, blue	11	27	
Shale, soft, with coal	2	29	
Shale, soft, blue	8	37	
Shale, hard, blue	3	40	
Coal	1	41	
Shale, hard, blue	13	54	
Shale, soft, blue	27	81	
Mississippian? system:			
Chester? series:			
Shale, soft, gray	31	112	
Shale, hard, gray	25	137	
Limestone	5	142	W.B.
Shale, hard, gray	7	149	
Shale, soft, dark	9	158	
Shale, sandy, very-soft, dark	6	164	

Well 6/4W-4C1

Type of record: Driller's log. Altitude: About 510 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Surface	12	12	
Mississippian system:			
Chester series:			
Sandstone, yellow	41	53	
Limestone	20	73	
Shale, sandy, gray	7	80	
Sandstone, white	15	95	W.B.

a/ Unglaciated area; geologic age unknown.

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 6/4W-5D1

Type of record: Driller's log. Altitude: About 505 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Top soil	14	14	
Silt	46	60	
Quicksand	----	60	W.B.

Well 6/4W-5E1

Type of record: Driller's log. Altitude: About 650 feet.

Pennsylvanian system:			
Lower series:			
Sandstone, light-gray	----	32.5	
Shale, sandy, gray	3.5	36	
Sandstone, gray	10	46	
Shale, sandy, dark-gray	1.5	47.5	
Sandstone, light-gray	22.5	70	W.B.

Well 6/4W-9A1

Type of record: Driller's log. Altitude: About 730 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	5	5	
Sandstone boulders	1	6	
Clay, sandy, red	11	17	
Pennsylvanian system:			
Lower series:			
Shale, sandy, dark	2	19	
Slate, black	1	20	
Sandstone, white	4	24	
Shale, sandy, red	3	27	
Sandstone, gray, and sandy shale	4	31	
Sandstone, hard, gray	12	43	
Coal	1.5	44.5	
Sandstone, white	4.5	49	
Sandstone, gray	4	53	
Shale, sandy, gray	2	55	
Sandstone, dark-gray	7	62	
Shale, sandy, gray	6.5	68.5	
Shale, sandy, light-gray	2.5	71	
Sandstone, hard, yellow	5	76	
Shale, sandy, gray	5	81	
Shale, dark	1	82	
Shale, sandy, hard, gray	3	85	
Sandstone, light-gray	8	93	
Shale, boots, dark-gray	6	99	
Sandstone, light-gray	6	105	
Shale, boots, dark-gray	3	108	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 6/4W-9A1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Lower series:			
Shale, sandy, gray	8	116	
Shale, boots, gray	3	119	
Shale, sandy, light-gray	10	129	
Mississippian system:			
Chester series:			
Shale, hard, white	3	132	
Limestone, cracked, yellow	6	138	
Sandstone, gray	7	145	
Shale, sandy, blue	7	152	
Shale, sandy, gray	15	167	

Well 6/4W-11E1

Type of record: Driller's log. Altitude: About 530 feet.

Undifferentiated:a/			
Surface	15	15	
Mississippian system:			
Chester series:			
Sandstone, soft, red	16	31	
Limestone	2	33	
Shale, sandy, bluish-gray	10	43	
Sandstone, hard, yellow	2	45	W.B.
Sandstone, yellow	22	67	W.B.

Well 6/4W-17D1

Type of record: Driller's log. Altitude: About 730 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface and hardpan	25	25	
Pennsylvanian system:			
Lower series:			
Coal	2	27	
Fire clay	2	29	
Sandstone, white	4	33	
Shale, sandy, dark-gray	9	42	
Shale, sandy, hard, gray	13	55	
Sandstone, white	5	60	
Shale, sandy, gray	2	62	
Limestone	4.5	66.5	
Sandstone, gray	5.5	72	
Sandstone, white	9	81	
Shale, gray	3	84	
Sandstone, white	11	95	
Shale, sandy, gray	13	108	
Coal	1	109	

a/ Unglaciated area; geologic age unknown.

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 6/4W-17D1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Lower series:			
Shale, light-gray----------	3	112	
Shale, sandy, gray----------	14	126	

Well 6/4W-20A1

Type of record: Sample study of test hole (examined by E. Loveless, Jr.). Altitude: About 703 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay----------	8	8	Driller's log 0 to 60 feet.
Pennsylvanian system:			
Lower series:			
Sandstone, hard----------	5	13	
Hard zone----------	4	17	
Shale, sandy----------	43	60	
Sandstone, fine-grain, porous, colorless; black, sandy shale, 30%----------	5	65	Sample study 60 to 803 feet.
Sandstone, fine-grain, porous, colorless, with few carbonaceous and some mica streaks---	3	68	
Sandstone, fine-grain, silty, low porosity, colorless, with few carbonaceous streaks------	3	71	
Sandstone, very fine-grain, silty, slightly chalky, hard, with carbonaceous and shale streaks----------	5	76	
Sandstone, very fine-grain, silty, low porosity, colorless, mottled, with few laminated shale and carbonaceous partings----------	20	96	
Sandstone, very fine-grain, silty, hard, laminated with dark-gray shale----------	10	106	
Sandstone, very fine-grain, laminated with much dark-gray to black shale----------	9	115	
Ironstone, lithographic to sub-lithographic, hard, dark-brown; dark-gray to black shale, 50%; trace of very fine sandstone----------	5	120	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 6/4W-20A1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Lower series:			
Shale, smooth, slightly fissile, black	27	147	
Underclay, very soft, white to light-gray, 70%; black, slightly fissile, smooth shale	7	154	
Shale, smooth, slightly fissile, black, trace of sandstone	6	160	
Shale, smooth, slightly fissile, black, trace of limestone or siderite?	20	180	
Siderite, dense, black, 60%; colorless, porous, fine-grain, sandstone, 20%; hard shale, 10%; brown, dense lithographic limestone, 10%	1	181	
Sandstone, fine-grain, porous, colorless; light-tan siderite, 10%	12	193	
Sandstone, fine-to-medium-to-coarse-grain, colorless; gray shale, 20%; pyrite	7	200	
Sandstone, mostly loose, argillaceous in part, colorless and gray; gray shale, 20%	6	206	
Sandstone, mostly loose, argillaceous in part, colorless and gray; gray shale, 10%	7	213	
Sandstone, fine-grain, porous, colorless; some siderite	27	240	
Sandstone, fine-grain, porous, colorless; hard quartzitic sandstone, 10%	7	247	
Sandstone, fine-grain, slightly argillaceous, porous, colorless; laminated with some gray shale	6	253	
Sandstone, very fine-grain, silty, hard, quartzite in partings, laminated with gray, sandy shale	16	269	
Sandstone, fine-grain, quartzitic, hard, colorless; low porosity, argillaceous sandstone, 30%	7	276	
Sandstone, fine-grain, quartzitic, hard, colorless, porous in part	8	284	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 6/4W-20A1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Lower series:			
Sandstone, very fine-grain, quartzitic, slightly argillaceous, hard, colorless, laminated with some dark-gray shale	9	293	
Sandstone, very fine-grain, slightly argillaceous, colorless to gray	7	300	
Sandstone, fine-grain, firm, moderately porous, colorless	8	308	
Sandstone, fine-grain, colorless, with few dark-gray shale partings; pyrite, 5%	7	315	
Sandstone, fine-grain, porous, colorless; pyrite, 5%	10	325	
Sandstone, fine-grain, porous, colorless	13	338	
Sandstone, fine to medium-grain, loose, colorless	7	345	
Sandstone, fine-to-coarse-grain, subrounded to angular, poorly sorted, colorless; pyrite; trace of limestone	8	353	
Sandstone, many coarse grains, colorless; trace of feldspar; trace of gray shale	5	358	
Sandstone, fine-grain, low porosity, colorless; milky, coarse, quartz pebbles, 10%; pyrite, 10%	7	365	
Sandstone, fine-grain, low porosity, colorless to gray; gray shale, 10%; pyrite	8	373	
Mississippian system:			
Chester series:			
Sandstone, fine-grain, colorless to gray, with gray, fissile shale	4	377	
Sandstone, fine-grain, shaly, hard, gray; gray, fissile shale	3	380	
Shale, fissile, gray, sandy in part	9	389	
Shale, gray; gray, dense sublithographic limestone, 30%; sandstone, 10%	4	393	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 6/4W-20A1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Mississippian system:			
Chester series:			
Limestone, very oolitic, very fossiliferous, white to light-cream	14	407	
Limestone, very oolitic, very fossiliferous, white to light-cream; light-gray, soft shale, 10%	3	410	
Limestone, white to light-cream; light-gray shale, 10%	4	414	
Limestone, clastic, sandy (sand is fine-grain), light-gray; dark-gray shale, 10%	4	418	
Dolomite, argillaceous, light-gray; fossiliferous limestone	5	423	
Shale, fissile, soft, light-green; limestone, 20%; trace of sandstone	4	427	
Shale, light-green; colorless, hard, calcareous, fine-grain sandstone, 20%	2	429	
Limestone, sandy, hard, light-gray; colorless, hard, calcareous, fine-grain sandstone, 10%; shale, 10%	3	432	
Shale, light-green; light-gray, soft, shaly limestone, 20%	5	437	
Shale, light-green; gray, soft shale	3	440	
Shale, light-green; gray, soft shale; light-gray, very soft dolomite	1	441	
Meramec series:			
Dolomite, sucrose, soft, white	5	446	
Dolomite, sucrose, soft, white; white, sublithographic limestone	9	455	
Dolomite, sucrose, some pin-point porosity, light-gray; light-gray, dolomitic limestone, 20%	4	459	
Limestone, dolomitic, clastic, vugular, porous, white	5	464	T.D. 803 feet.

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 6/4W-20F1

Type of record: Driller's log. Altitude: About 653 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Soil	5	5	
Sand	25	30	
Sand and gravel	2	32	
Pennsylvanian system:			
Lower series:			
Slate	38	70	
Sandstone	20	90	W.B.
Mud, blue	88	178	
Slate; sandstone; shells	7	185	
Sandstone	37	222	W.B.
Sandstone	70	292	
Mississippian? system:			
Chester? series:			
Shale, blue	20	312	
Limestone, brown	23	335	
Sandstone, gray	3	338	
Mud, gray	13	351	
Mud, blue	8	359	
Limestone, brown	24	383	
Limestone, gray	5	388	
Shale, green	20	408	
Limestone, gray	32	440	T.D. 802 feet.

Well 6/4W-20M1

Type of record: Sample log of test hole (examined by ?). Altitude: About 720 feet.

Undifferentiated:a/			
Clay and fire clay	35	35	Driller's log 0 to 35 feet.
Pennsylvanian system:			
Lower series:			
Sandstone, medium-grain, white	80	115	Sample study 35 to 600 feet.
Sandstone, medium-grain, white, trace of black shale	5	120	
Sandstone, 80%; shale, 20%	5	125	
Sandstone, 60%; shale, 30%; mottled silica, 10%	5	130	
Sandstone, 50%; shale, 40%; mottled silica, 10%	5	135	
Shale, 80%; sandstone, 10%; mottled silica, 10%	5	140	
Shale, 50%; mottled silica, 40%; sandstone, 10%	5	145	

a/ Unglaciated area; geologic age unknown.

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 6/4W-20M1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Lower series:			
Silica, mottled, 50%; shale, 45%; sandstone, 5%----------	5	150	
Shale, 90%; sandstone, 5%; mottled silica, 5%----------	10	160	
Shale, sandy, dark-gray---------	5	165	
Shale, fissile, dark-gray-------	25	190	
Shale, sandy, dark-gray---------	17	207	
Shale, silty, light-gray--------	18	225	
Sandstone, fine, silty, gray----	7	232	
Sandstone, medium-grain, argillaceous, gray----------	5	237	
Sandstone, medium-grain, argillaceous, gray, with much pyrite----------	12	249	
Sandstone, medium-to-coarse-grain, colorless; pyrite------	15	264	
Sample missing----------	3	267	
Sandstone, medium-to-coarse-grain, subround to subangular, colorless----------	6	273	
Sample missing----------	4	277	
Mississippian system:			
Chester series:			
Limestone, sublithographic, light-gray; shale, 30%--------	5	282	
Sample missing----------	33	315	
Sandstone, medium-grain, white, trace of limestone----------	7	322	
Sandstone, medium-grain, white, 90%; green and gray shale, 10%-	22	344	
Shale, light-gray, green and yellow----------	11	355	
Limestone, very oolitic, light-brown; shale, 10%----------	11	366	
Shale, fissile, light greenish-gray; limestone, 10%---------	4	370	
Limestone, very oolitic (oolites irregular in size and shape), light-gray to tan----------	8	378	
Sample missing----------	4	382	
Limestone, very oolitic (oolites irregular in size and shape), light-gray to tan----------	8	390	
Shale, very soft, light-gray----	12	402	
Sandstone, medium-grain, white; gray shale, 20%; trace of limestone----------	13	415	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 6/4W-20M1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Mississippian system:			
Chester series:			
Limestone, oolitic in part, light-gray to tan	10	425	
Bentonite, light-green	3	428	
Limestone, oolitic, hard, light-gray	7	435	
Limestone, oolitic, hard, light-gray, 50%; sandy limestone, 50%	2	437	
Shale, soft, light-gray	13	450	
Shale, soft, light-gray; sandstone, 20%; limestone, 20%	2	452	
Shale, sticky, light-gray to green	8	460	
Meramec series:			
Limestone, sublithographic, white	25	485	T.D. 600 feet.

Well 6/4W-25C1

Type of record: Driller's log. Altitude: About 616 feet.

Undifferentiated:a/			
Clay	2	2	
Mississippian system:			
Chester series:			
Sandstone	17	19	
Mud, light-blue	11	30	
Shale, sandy, light-blue	16	46	
Limestone, sandy, gray	10	56	
Shale, sandy, light-blue	6	62	
Limestone, broken, gray	5	67	
Sandstone	5	72	W.B.
Limestone, sandy	9	81	
Limestone, dark-gray	18	99	
Limestone, shells	18	117	
Limestone, sharp, light-gray	7	125	
Slate, sandy, blue	5	130	
Limestone, sandy, gray	41	171	
Sandstone, light-gray	11	182	
Limestone, sandy, tan	4	186	
Limestone, sandy, gray	6	192	
Sandstone	5	197	
Limestone, sandy, gray	12	209	
Limestone, sandy, sharp	40	249	
Slate, green	5	254	
Limestone, shells	8	262	
Meramec? series:			
Limestone, light-gray	17	279	

a/ Unglaciated area; geologic age unknown.

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 6/4W-25C1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Mississippian system:			
Meramec? series:			
Limestone, gray	51	330	
Limestone, broken	10	340	
Limestone, oolitic	20	360	
Limestone, dolomitic	40	400	T.D. 710 feet.

Well 6/4W-25N1

Type of record: Driller's log. Altitude: About 745 feet.

Undifferentiated:a/			
Clay	20	20	
Pennsylvanian system:			
Lower series:			
Sandstone	8	28	
Shale	24	52	
Limestone	3	55	
Shale	8	63	
Limestone	2	65	
Shale	23	88	
Mississippian? system:			
Chester? series:			
Sandstone	27	115	
Limestone	13	128	W.B.
Shale	12	140	

Well 6/4W-25P1

Type of record: Driller's log. Altitude: About 730 feet.

Undifferentiated:a/			
Clay	30	30	
Pennsylvanian system:			
Lower series:			
Shale	24	54	
Slate	2	56	
Shale	6	62	
Mississippian? system:			
Chester? series:			
Sandstone	2	64	
Shale	8	72	
Limestone	1	73	

Well 6/4W-30R1

Type of record: Driller's log. Altitude: About 635 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay	30	30	

a/ Unglaciated area; geologic age unknown.

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 6/4W-30R1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand	15	45	
Pennsylvanian? system:			
Lower? series:			
Sandstone and shale	90	135	W.B.
Mississippian system:			
Chester series:			
Limestone	14	149	
Shale, gray	5	154	
Limestone, brown	14	168	
Shale, dark	14	182	
Sandstone	38	220	
Limestone, gray	12	232	
Limestone, brown	8	240	
Shale, green	7	247	
Sandstone	36	283	
Shale, gray	3	286	
Sandstone	34	320	
Limestone	14	334	
Shale	20	354	
Limestone	1	355	
Limestone, gray	30	385	
Shale, green	12	397	
Meramec? series:			
Limestone, broken	5	402	T.D. 781 feet.

Well 6/4W-31A1

Type of record: Driller's log. Altitude: About 510 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, red	20	20	
Mud, gray	20	40	
Sand and gravel	28	68	W.B.
Gravel, large	2	70	W.B.
Mud, gray	2	72	

Well 6/4W-31E1

Type of record: Driller's log. Altitude: About 600 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, sand, and mud	135	135	
Mississippian? system:			
Chester? series:			
Shale	3	138	
Sandstone	2	140	W.B.
Shale	20	160	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 6/4W-31E1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Mississippian? system:			
Chester? series:			
Limestone	8	168	
Shale	4	172	
Sandstone	16	188	W.B.
Shale	7	195	
Sandstone, white	22	217	W.B.

Well 6/4W-31E2

Type of record: Driller's log. Altitude: About 610 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay, mud, and sand	50	50	
Pennsylvanian system:			
Lower series:			
Shale, blue	30	80	
Coal	1	81	"Bad water."
Fire clay	4	85	
Shale, blue	30	115	
Coal	1	116	W.B.
Shale, soft, light-gray	6	122	
Sandstone	8	130	
Shale, gray	2	132	

Well 6/4W-31G1

Type of record: Driller's log. Altitude: About 630 feet.

Quaternary system:			
Recent and Pleistocene series:			
Soil	19	19	
Pennsylvanian system:			
Lower series:			
Sandstone	10	29	
Sandstone and shale	26	55	
Sandstone	21	76	
Shale, blue	21	97	
Mud	20	117	
Mississippian? system:			
Chester? series:			
Shale, blue	18	135	
Shale, sandy, blue	35	170	
Shale and limestone	10	180	
Limestone	4	184	
Mud	10	194	
Limestone	12	206	
Sandstone	9	215	
Limestone, sandy	4	219	
Limestone	54	273	

Well 6/4W-31G1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Mississippian? system:			
Chester? series:			
Sandstone	14	287	W.B.
Mud, gray	9	296	
Sandstone	21	317	
Shale, muddy, dark	13	330	
Sandstone	10	340	
Mud, blue; sandstone and limestone	10	350	
Mud and sandstone	11	361	
Limestone, gray	30	391	
Shale	14	405	
Meramec? series:			
Limestone	52	457	W.B.; T.D. 1,713 feet.

Well 6/4W-31H1

Type of record: Driller's log. Altitude: About 550 feet.

Quaternary system:			
Recent and Pleistocene series:			
Soil, drift, and mud	15	15	
Quicksand	5	20	
Mud, soft	20	40	
Mississippian? system:			
Chester? series:			
Limestone, shell	5	45	
Shale	27	72	W.B.
Limestone, shell	8	80	
Shale	20	100	W.B.
Limestone	20	120	
Shale, broken	5	125	
Meramec? series:			
Limestone	125	250	W.B.; T.D. 1,642 feet.

Well 6/4W-31N1

Type of record: Driller's log. Altitude: About 615 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	10	10	
Pennsylvanian system:			
Lower series:			
Sandstone, yellow	4	14	
Sandstone, gray	28	42	
Shale, sandy, gray	23	65	
Sandstone, gray	15	80	
Shale, sandy, gray	24	104	
Sandstone, light-gray	5	109	
Shale, sandy, gray	3	112	
Coal	2	114	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 6/4W-31N1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Lower series:			
Shale, sandy, gray	3	117	
Sandstone, hard, white	3	120	

Well 6/4W-32D1

Type of record: Driller's log. Altitude: About 600 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	26	26	
Mud, blue	10	36	
Sand, crushed rock, and mud	9	45	
Sand	48	93	
Mud, blue	43	136	
Pennsylvanian? system:			
Lower? series:			
Sandstone, soft	1	137	
Shale, soft, gray	1.5	138.5	
Sandstone, hard, gray	2.5	141	
Shale, sandy, dark-gray	2	143	
Mississippian? system:			
Chester? series:			
Limestone	7	150	
Shale, sandy, gray	21	171	
Sandstone, gray	35	206	W.B.

Well 6/5W-2A1

Type of record: Driller's log. Altitude: About 495 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	52	52	
Pennsylvanian system:			
Lower series:			
Sandstone	3	55	
Sand and gravel	10	65	Conglomerate.
Mississippian system:			
Chester series:			
Sandstone	22	87	
Limestone, brown	6	93	
Limestone, gray	5	98	
Shale, gray	9	107	
Sandstone, brown	5	112	
Shale, red	7	119	
Limestone, gray	46	165	
Shale, gray	21	186	
Limestone, gray	5	191	
Shale, gray	33	224	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 6/5W-2A1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Mississippian system:			
Chester series:			
Limestone, gray	12	236	
Shale, gray	31	267	
Limestone, gray	33	300	
Shale, gray	4	304	
Limestone, gray	29	333	
Shale, gray	5	338	
Meramec? series:			
Limestone, gray	100	438	T.D. 1,520 feet.

Well 6/5W-4E1

Type of record: Driller's log. Altitude: About 540 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	12	12	
Pennsylvanian system:			
Lower series:			
Sandstone, white	2	14	
Sandstone, red	16	30	
Shale, sandy, gray	5.5	35.5	
Sandstone, white	4.5	40	
Shale, gray	2	42	
Sandstone, gray	28	70	
Shale, sandy, gray	17	87	
Shale, gray	14	101	
Shale, sandy, white	10	111	
Sandstone, white	5	116	
Shale, gray	39	155	
Sandstone, white	14	169	W.B.

Well 6/5W-4E2

Type of record: Driller's log. Altitude: About 550 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	8	8	
Pennsylvanian system:			
Lower series:			
Sandstone, red	12	20	
Sandstone, white	5	25	
Sandstone, red	5	30	
Sandstone, white	6	36	
Shale, soft, gray	4	40	
Sandstone, gray	28	68	
Shale, sandy, gray	17	85	
Shale, gray	8	93	
Shale, sandy, white	7	100	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 6/5W-4E2--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Lower series:			
Shale, gray	35	135	
Sandstone, white	15	150	W.B.

Well 6/5W-5L1

Type of record: Driller's log. Altitude: About 545 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand, yellow, and mud	42	42	
Sand, gray, and mud; coal streak	6	48	
Sand, yellow	12	60	
Sand, gray, and mud	8	68	
Clay, soft, gray	4	72	
Mud, gray	20	92	
Mud, yellow, and gravel	4.5	96.5	
Hardpan and gravel	6	102.5	
Pennsylvanian system:			
Lower series:			
Sandstone, buff	5.5	108	W.B.
Shale, sandy, light-gray	3	111	
Sandstone, gray; shale streak	16	127	
Shale, sandy, gray	6	133	
Sandstone, gray	4	137	W.B.
Sandstone, light-gray	7	144	
Sandstone, medium-gray; coal streaks	11	155	
Sandstone	14	169	W.B.
Shale, gray	----	169	

Well 6/5W-6C1

Type of record: Driller's log. Altitude: About 542 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	37	37	
Surface, soft, blue	17	54	
Pennsylvanian system:			
Lower series:			
Limestone	6	60	
Sandstone	5	65	
Shale	9	74	
Limestone	6	80	
Sandstone	30	110	
Shale	8	118	
Shale, sandy	25	143	
Shale, blue	10	153	
Slate, sandy	5	158	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 6/5W-6C1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Lower series:			
Shale, dark	30	188	
Mississippian? system:			
Chester? series:			
Limestone, gray	9	197	
Sandstone	75	272	
Slate	5	277	
Limestone	19	296	
Shale, blue	14	310	
Shale, red, and blue shale	8	318	
Limestone	17	335	
Slate, green	5	340	
Limestone	10	350	
Limestone, sandy	14	364	
Sandstone	71	435	T.D. 1,780 feet.

Well 6/5W-12N1

Type of record: Driller's log. Altitude: About 630 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Surface	10	10	
Pennsylvanian system:			
Lower series:			
Sandstone, brown	14.5	24.5	
Shale, gray	3	27.5	
Sandstone, white	19	46.5	
Shale, dark-gray	4.5	51	
Sandstone, gray	7	58	
Sandstone, white	12	70	W.B.
Shale, dark-gray	42	112	
Shale, sandy, gray	6	118	
Coal, trace	----	118	
Shale, gray	4	122	
Shale, sandy, greenish-gray	6	128	
Shale, sandy, gray	3	131	
Fire clay; trace of coal and pyrite	3	134	
Sandstone, light-gray	8	142	
Mississippian? system:			
Chester? series:			
Shale, greenish-gray	5	147	
Sandstone, gray	3	150	
Shale, sandy, gray	3	153	
Limestone	1.5	154.5	
Shale, gray	7.5	162	
Shale, greenish-gray	6	168	
Shale, gray	18	186	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 6/5W-12N1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Mississippian? system:			
Chester? series:			
Sandstone, medium-gray	10	196	
Shale, gray	2	198	
Limestone, light-gray	24	222	W.B.
Limestone, brown	9	231	

Well 6/5W-13F1

Type of record: Driller's log. Altitude: About 615 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface and hardpan	9	9	
Pennsylvanian system:			
Lower series:			
Sandstone, yellow	7	16	
Shale, brown	2	18	
Coal	.5	18.5	
Fire clay	.5	19	
Shale and sandstone, reddish-brown	15	34	
Sandstone, yellowish-brown	5	39	
Sandstone, cream	7	46	
Shale, soft, gray	14	60	
Coal	.5	60.5	
Fire clay	3.5	64	
Shale, light-gray	2	66	
Shale, sandy, light-gray	2	68	
Sandstone, gray	6	74	
Shale, dark-gray	11	85	
Shale, sandy, gray	9	94	
Coal, trace	----	94	
Sandstone, light-gray	10	104	W.B.
Mississippian? system:			
Chester? series:			
Shale, boots, greenish-gray	3	107	
Sandstone, gray	4	111	
Shale, sandy, gray	2	113	
Limestone	12	125	W.B.
Shale, olive	----	125	

Well 6/5W-13L1

Type of record: Driller's log. Altitude: About 560 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	6	6	
Hardpan	5	11	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 6/5W-13L1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Lower series:			
Shale, soft, blue	3.5	14.5	
Coal, trace	----	14.5	
Shale, soft, blue	4.5	19	
Shale, dark-gray	1	20	
Shale, light-gray	4	24	
Shale, gray	2	26	
Shale, sandy, light-gray	4	30	
Shale, gray	8	38	
Sandstone, light-gray	2	40	
Shale, gray	2	42	
Coal	.5	42.5	
Fire clay	2.5	45	
Sandstone, gray	1	46	
Sandstone, and sandy shale	6	52	
Mississippian? system:			
Chester? series:			
Shale, boots, gray	5.5	57.5	
Shale, sandy, light-gray	8.5	66	
Limestone	9	75	W.B.

Well 6/5W-15K1

Type of record: Driller's log. Altitude: About 520 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay, yellow	20	20	
Pennsylvanian system:			
Lower series:			
Limestone	4	24	
Shale, gray	6	30	
Sandstone	35	65	
Mississippian? system:			
Chester? series:			
Shale	35	100	
Limestone	32	132	
Shale, sandy	16	148	
Sandstone	12	160	W.B.
Sandstone, brown	9	169	
Sandstone, broken	36	205	
Sandstone	5	210	
Limestone	50	260	
Sandstone	27	287	W.B.
Limestone, brown	9	296	
Shale, broken	14	310	
Shale, gray	20	330	
Limestone, gray	7	337	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 6/5W-15K1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Mississippian? system:			
Meramec? series:			
Limestone, broken	28	365	
Limestone, brown	10	375	
Limestone, gray	25	400	T.D. 868 feet.

Well 6/5W-18C1

Type of record: Driller's log. Altitude: About 530 feet.

Quaternary system:			
Recent and Pleistocene series:			
Soil; sand, and gravel	24	24	
Pennsylvanian system:			
Lower series:			
"Shelly rock"; shale?	50	74	
Sandstone, hard	75	149	
Coal?	----	149	

Well 6/5W-18K1

Type of record: Driller's log. Altitude: About 540 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	35	35	
Clay	3	38	
Pennsylvanian system:			
Lower series:			
Shale, blue	7	45	
Shale, sandy	19	64	
Coal	2	66	
Shale, white	9	75	

Well 6/5W-20P1

Type of record: Sample log of test hole (examined by ?). Altitude: About 550 feet.

No samples	100	100	
Pennsylvanian system:			
Lower series:			
Sandstone, medium-to-coarse-grain, porous	20	120	
Sandstone, fine-grain, porous	10	130	
Sandstone, medium-to-coarse-grain, porous	10	140	
Sandstone, medium-grain, porous	20	160	
Shale, slightly carbonaceous, gray, trace of coal	10	170	
Shale, gray	10	180	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 6/5W-20P1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Lower series:			
Shale, gray, and coarse-grain, porous sandstone	10	190	
Shale, gray, trace of sandstone, silty	10	200	
Sandstone, fine-grain, firm, tight to hard	10	210	
Sandstone, fine-grain, porous	20	230	
Sandstone; gray shale; siderite	10	240	
Sandstone, fine-grain, firm	10	250	
Sandstone, fine-grain, porous	10	260	
Sandstone, medium-to-fine-grain, porous	10	270	
Sandstone, fine-grain, porous	20	290	
Sandstone, fine-to-medium-grain, porous	10	300	
Sandstone, medium-grain, porous	86	386	
Mississippian system:			
Chester series:			
Shale, red and green; slightly milky, vitreous chert, with trace of light-brown, crystalline limestone	24	410	
Limestone, crystalline, light-brown, with slightly milky, vitreous chert	30	440	T.D. 1,867 feet.

Well 6/5W-23E1

Type of record: Driller's log. Altitude: About 575 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil	12	12	
Pennsylvanian system:			
Lower series:			
Shale and sandstone	16	28	
Sandstone	13	41	
Shale	25	66	
Shale; trace of coal	2	68	
Shale, blue	57	125	
Shale; with gray sandstone	13	138	
Shale	17	155	
Sandstone	10	165	W.B.

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 6/5W-23R1

Type of record: Driller's log. Altitude: About 600 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Surface	37	37	
Pennsylvanian system:			
Lower series:			
Sandstone	13	50	
Shale; trace of coal	10	60	
Sandstone and shale	35	95	
Shale, blue	15	110	
Shale, gray	15	125	
Shale, blue	13	138	
Coal, trace	----	138	
Shale, gray	17	155	
Shale, blue	5	160	
Sandstone and shale	25	185	
Shale, gray	5	190	
Mississippian? system:			
Chester? series:			
Sandstone	2	192	
Limestone	6	198	
Shale, green	6	204	
Limestone	2	206	
Sandstone and limestone	14	220	
Sandstone	12	232	
Limestone	7	239	

Well 6/5W-24Q1

Type of record: Driller's log. Altitude: About 640 feet.

No record	154	154	
Pennsylvanian system:			
Lower series:			
Slate, black	1	155	
Shale, sandy, medium-gray	7	162	
Limestone, brown	2	164	
Sandstone, medium-gray	2	166	
Shale, greenish-gray	3	169	
Sandstone, gray	2.5	171.5	
Shale, gray	1.5	173	
Sandstone, gray	1	174	
Shale, boots, gray, with limestone streaks	6	180	
Limestone, whitish-brown	9	189	
Shale, gray	1	190	
Limestone, sandy, white	3	193	
Shale, gray	13	206	
Shale, dark-gray	6	212	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 6/5W-24Q1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Mississippian? system:			
Chester? series:			
Shale, greenish-gray	1.5	213.5	
Limestone, brownish	5.5	219	
Sandstone, greenish-gray, with limestone and shale	7	226	
Shale, sandy, gray	1	227	
Sandstone, light-gray	16	243	W.B.
Limestone	10	253	

Well 6/5W-26A1

Type of record: Driller's log. Altitude: About 600 feet.

Quaternary system:			
Recent and Pleistocene series:			
Soil	5	5	
Pennsylvanian system:			
Lower series:			
Sandstone, brown	2	7	
Shale, gray	14	21	
Sandstone	3	24	
Shale, gray	5	29	
Sandstone	2	31	
Shale, sandy	6	37	
Coal	1	38	
Fire clay	2	40	
Sandstone	1	41	
Shale, blue	9	50	
Shale, sandy, gray	5	55	
Sandstone, gray	2	57	
Shale, sandy	3	60	
Sandstone, with shale break	25	85	
Shale, dark	4	89	
Limestone, brown	1	90	
Shale, dark-gray	7	97	
Sandstone, gray	13	110	
Shale, sandy	5	115	
Shale, gray	5	120	
Coal	1.5	121.5	
Fire clay	.5	122	
Sandstone, white	15	137	W.B.

Well 6/5W-28H1

Type of record: Driller's log. Altitude: About 560 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	12.5	12.5	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 6/5W-28H1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Lower series:			
Sandstone, yellow	1.5	14	
Sandstone, yellow, and clay	5	19	
Sandstone, medium-gray	3	22	
Sandstone, gray	2	24	
Shale, sandy, soft, gray	4	28	
Sandstone, yellow	1	29	
Sandstone, brown	9	38	
Shale, sandy, gray	2	40	
Sandstone, light-gray	21	61	
Shale, sandy, gray	24	85	
Sandstone, gray	----	85	

Well 6/5W-29E1

Type of record: Driller's log. Altitude: About 570 feet.

Quaternary system:			
Recent and Pleistocene series:			
Soil; clay, sandy	24	24	
Pennsylvanian system:			
Lower series:			
Shale, sandy, brownish-gray	8	32	
Shale, sandy, gray	3	35	
Coal	2	37	
Fire clay	.5	37.5	
Shale, sandy, gray	2.5	40	
Shale, sandy, hard, gray	7	47	
Sandstone, gray	5	52	W.B.
Shale, sandy, gray	3	55	

Well 6/5W-30E1

Type of record: Driller's log. Altitude: About 510 feet.

Quaternary system:			
Recent and Pleistocene series:			
Fill	16	16	
Clay, blue	2	18	
Pennsylvanian system:			
Lower series:			
Coal	.5	18.5	
Slate, white	15	33.5	
Sandstone, white	1.5	35	
Shale, sandy	7	42	
Sandstone, gray	2	44	
Shale, gray; sandstone	21	65	
Shale, dark-gray	17.5	82.5	
Coal	1	83.5	
Shale, dark-gray	11.5	95	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 6/5W-30E1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Lower series:			
Sandstone, gray	1	96	
Shale, sandy, dark	8	104	
Coal	2	106	
Fire clay	.5	106.5	
Sandstone, white	11.5	118	W.B.

Well 6/5W-30F1

Type of record: Driller's log. Altitude: About 495 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	10	10	
Mud, grayish-blue	20	30	
Logs	----	30	
Mud, grayish-blue	5	35	
Pennsylvanian system:			
Lower series:			
Shale, soft, gray	7	42	
Shale, sandy, gray	2	44	
Coal and fire clay	1	45	
Shale, sandy, light-gray	11	56	
Sandstone, medium-gray	4	60	W.B.
Shale, sandy, gray	16	76	

Well 6/5W-30J1

Type of record: Driller's log. Altitude: About 550 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	14	14	
Pennsylvanian system:			
Lower series:			
Coal	1.5	15.5	
Fire clay	3.5	19	
Sandstone, gray	1	20	
Shale, sandy, gray	11	31	
Sandstone, gray	4	35	
Shale, sandy, gray	3	38	
Sandstone, gray	7	45	W.B.
Shale, sandy, gray	23.5	68.5	
Coal	.5	69	
Shale, medium-dark-gray	10	79	
Shale, sandy, gray	21	100	
Coal	1.5	101.5	
Shale, sandy	5.5	107	
Sandstone	6	113	
Shale, sandy, and gray sandstone	29	142	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 6/5W-30J1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Lower series:			
Coal	1	143	
Sandstone, light-gray	5	148	
Shale, boots, light-gray	5	153	
Shale, boots, gray	2	155	
Shale, sandy, gray	2	157	
Coal, trace	----	157	
Sandstone, light-gray	5	162	
Shale, sandy, gray	3	165	
Sandstone, light-gray	25	190	W.B.
Shale, sandy, gray	----	190	

Well 6/5W-30M1

Type of record: Driller's log. Altitude: About 560 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand	25	25	
Clay, yellow	12	37	
Pennsylvanian system:			
Lower series:			
Shale, soft, gray	7	44	
Coal	1	45	
Fire clay	2	47	
Shale, medium-dark-gray	6	53	
Shale, dark	1.5	54.5	
Coal	.5	55	
Shale, gray	4	59	
Shale, sandy, light-gray	13	72	
Shale, sandy, gray	6	78	
Shale, dark; trace of coal	1.5	79.5	
Shale, sandy, dark-gray	28.5	108	
Sandstone, gray	2	110	
Shale, sandy, gray	42	152	
Shale, sandy, dark-gray	13	165	
Sandstone, gray	9	174	
Shale, sandy, gray	2	176	
Sandstone, light-gray	3	179	
Shale, sandy, light-gray	2	181	
Sandstone, light-gray	4	185	
Sandstone, white	5	190	W.B.
Shale, sandy, gray	6	196	
Coal	2	198	
Fire clay	2	200	
Sandstone, gray	2	202	
Coal	1	203	
Shale, sandy, light-brownish-gray	6	209	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 6/5W-30M1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Lower series:			
Shale, sandy, gray	7	216	
Coal, trace	----	216	
Shale, sandy, gray	15	231	
Sandstone, gray	6	237	
Shale, sandy, gray	6	243	
Shale, dark	17	260	
Mississippian system:			
Chester series:			
Limestone; shale, gray	4	264	
Shale, limey, light-gray	21	285	
Limestone, brown	2	287	
Shale, limey, light-gray	9	296	
Shale, soft, dark-gray	8	304	
Shale, limey, gray	20	324	
Limestone, sandy, and shale	6	330	
Sandstone, gray	1	331	
Shale, sandy, gray	29	360	
Sandstone, gray	2	362	
Shale, sandy, gray	10	372	
Shale, sandy, limey, light-gray	11.5	383.5	
Limestone, brown	1.5	385	
Shale, sandy, light-gray	2	387	
Sandstone, gray	3	390	
Shale, sandy, light-gray	10	400	
Shale, sandy, gray	8	408	
Shale, greenish-gray	2	410	
Shale, maroon	7	417	

Well 6/5W-30M2

Type of record: Driller's log. Altitude: About 555 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand	6	6	
Mud, yellow	14	20	
Hardpan	5	25	
Pennsylvanian system:			
Lower series:			
Shale, gray	1.5	26.5	
Sandstone, light-gray	.5	27	
Shale, sandy, gray	6	33	
Coal	1.5	34.5	
Fire clay	1.5	36	
Shale, sandy, light-gray	5	41	
Coal	1	42	
Shale, sandy, gray	2	44	
Sandstone, medium-gray	13	57	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 6/5W-30M2--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Lower series:			
Shale, sandy, gray	2	59	
Coal	.5	59.5	W.B.
Shale, sandy, gray	16.5	76	

Well 6/5W-31E2

Type of record: Driller's log. Altitude: About 505 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sandstone boulders	2	2	
Hardpan and clay, yellow	16	18	
Pennsylvanian system:			
Lower series:			
Sandstone, reddish-brown	5	23	
Sandstone, buff	5	28	
Sandstone, brown	4	32	
Sandstone, gray	3	35	
Shale, sandy, gray	73	108	
Sandstone, light-gray	10	118	W.B.
Shale, sandy, gray	17	135	
Limestone, brown	1	136	
Sandstone, white	3	139	
Sandstone, gray, with shale streaks	7	146	
Sandstone, white	15	161	W.B.
Shale, with limestone streaks	11	172	
Shale, boots, dark	35	207	
Slate, black	8	215	
Shale, gray	5	220	
Slate, black	1	221	
Shale, medium-gray	4	225	
Mississippian? system:			
Chester? series:			
Sandstone	19	244	W.B.

Well 6/5W-34M1

Type of record: Driller's log. Altitude: About 620 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand	51	51	
Hardpan and gravel	5	56	
Sand	24	80	
Mud, blue	12	92	
Sand	33	125	
Gravel, pea-sized and sand	15	140	
Mud	3.5	143.5	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 6/5W-34M1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Lower series:			
Sandstone, white	2	145.5	
Sandstone, gray	22.5	168	
Shale, sandy, light-gray	2	170	
Sandstone, light-gray	3	173	
Shale, sandy, gray	14	187	
Sandstone, gray	12	199	
Coal	1	200	

Well 6/5W-34R1

Type of record: Driller's log. Altitude: About 580 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	4	4	
Pennsylvanian system:			
Lower series:			
Sandstone, red	4	8	
Shale, gray	10	18	
Sandstone, gray	3	21	
Shale, sandy, gray	10	31	
Slate, black	2	33	
Sandstone, gray	1	34	
Shale, sandy, gray	1	35	
Sandstone, gray	6	41	
Sandstone, white	8	49	
Sandstone, gray	6.5	55.5	
Coal	1	56.5	
Fire clay	3	59.5	
Sandstone, light-gray	2.5	62	
Sandstone, white	10	72	
Sandstone, gray	3	75	
Sandstone, light-gray	12	87	
Shale, sandy, gray	5.5	92.5	
Shale, sandy, light-gray	5.5	98	
Shale, sandy, gray	4	102	
Shale, sandy, light-gray	5	107	
Sandstone, gray	1	108	
Shale, sandy, gray	2.5	110.5	
Slate, black	2	112.5	
Sandstone, gray	19.5	132	
Shale, gray	4	136	
Sandstone, gray	2	138	
Shale, sandy, gray	3	141	
Slate, black	2	143	
Sandstone, gray	3	146	
Shale, sandy, gray	5.5	151.5	
Sandstone, gray	1.5	153	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 6/5W-34R1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Lower series:			
Shale, sandy, gray	17	170	
Sandstone, gray	11	181	
Shale, sandy, gray	5	186	
Sandstone, gray	2	188	
Shale, sandy, gray	1	189	
Shale, sandy, light-gray	3	192	
Sandstone, white	5	197	
Shale, sandy, gray	5	202	
Blackjack and slate	4	206	
Sandstone, light-gray	11	217	
Shale, sandy, gray	2	219	
Sandstone, light-gray	16	235	
Shale, sandy, gray	3	238	
Sandstone, gray	5	243	
Mississippian system:			
Chester series:			
Limestone, hard, dark	15	258	
Sandstone, hard, gray	20	278	
Sandstone, hard, tan	23	301	
Limestone, hard, dark	15	316	
Sandstone, white	32	348	

Well 6/5W-36B1

Type of record: Driller's log. Altitude: About 550 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface and boulders	8	8	
Sand and gravel	11	19	
Mud, gray	7	26	
Clay, sandy, soft, yellow	3	29	
Coal, trace	----	29	
Mud, yellow	8.5	37.5	
Pennsylvanian system:			
Lower series:			
Blackjack and coal	2	39.5	
Fire clay	3	42.5	
Sandstone, light-gray	11.5	54	
Coal, trace	----	54	
Shale, sandy, boots, light-gray	6	60	
Coal	.5	60.5	
Sandstone, hard, medium-gray	5.5	66	
Coal	.5	66.5	
Fire clay	1.5	68	
Shale, sandy, boots, gray	3	71	
Shale, sandy, dark-gray	5	76	
Shale, sandy, light-gray	6	82	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 6/5W-36B1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Lower series:			
Sandstone, light-gray----------	6	88	W.B.
Mississippian? system:			
Chester? series:			
Shale, sandy, greenish-gray-----	7	95	
Limestone, hard, gray----------	13	108	
Shale, limey, gray----------	6	114	
Limestone, brown----------	1	115	
Shale, with limestone streaks----	5	120	
Limestone, brown----------	2	122	
Sandstone, light-gray----------	28	150	W.B.

Well 6/5W-36D1

Type of record: Driller's log. Altitude: About 520 feet.

Quaternary system:			
Recent and Pleistocene series:			
Fill and surface----------	15	15	
Sand and gravel, with coal streaks----------	39	54	
Mud, bluish-green----------	6	60	
Sand, fine----------	13	73	
Mud, gray----------	21	94	
Hardpan, and sand, yellow-------	4.5	98.5	
Pennsylvanian? system:			
Lower? series:			
Shale, sandy, gray----------	7.5	106	
Mississippian system:			
Chester series:			
Limestone, hard, light-gray-----	5	111	
Shale, grayish-green----------	10	121	
Limestone, and shale streaks----	7	128	
Limestone----------	11	139	
Shale, sandy, gray----------	1	140	
Sandstone, gray, and shale streaks----------	11	151	W.B.
Limestone----------	----	151	

Well 6/5W-36H1

Type of record: Driller's log. Altitude: About 610 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface; sand, and gravel-------	27	27	
Pennsylvanian system:			
Lower series:			
Shale, soft, medium-gray--------	7	34	
Fire clay; trace of coal--------	2	36	
Shale, soft, buff----------	4	40	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 6/5W-36H1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Lower series:			
Shale, sandy, gray	3	43	
Sandstone, light-gray	4	47	
Coal, trace	----	47	
Shale, sandy, light-gray	8	55	
Shale, sandy, gray	6	61	
Sandstone, gray	3	64	
Shale, sandy, gray	23	87	
Slate, black	2	89	
Shale, dark-gray	22	111	
Shale, gray; limestone streaks	6.5	117.5	
Coal	1	118.5	W.B.
Fire clay	2.5	121	
Sandstone, light-gray	7	128	
Shale, sandy, light-gray	4	132	
Shale, sandy, bluish-gray	----	132	

Well 6/5W-36H2

Type of record: Driller's log. Altitude: About 600 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Surface	18	18	
Sand	41	59	
Muck, blue	14	73	
Pennsylvanian system:			
Lower series:			
Blackjack	1	74	
Shale, soft, gray	1	75	
Shale, sandy, gray	9	84	
Sandstone, medium-hard, gray	16	100	
Coal	3	103	
Fire clay	1	104	
Sandstone, gray	2.5	106.5	
Shale, sandy, gray	4	110.5	
Shale, sandy, reddish-brown	2.5	113	
Shale, sandy, gray	8	121	

Well 6/5W-36J1

Type of record: Driller's log. Altitude: About 610 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay and sand	35	35	
Pennsylvanian system:			
Lower series:			
Sandstone	20	55	
Shale and sandstone	20	75	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 6/5W-36J1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Lower series:			
Sandstone	5	80	
Shale, sandy	24	104	
Shale and coal	14	118	
Sandstone	14	132	W.B.
Shale	8	140	

Well 6/5W-36R1

Type of record: Driller's log. Altitude: About 615 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay and sand	14.5	14.5	
Pennsylvanian system:			
Lower series:			
Sandstone, white	2.5	17	
Sandstone, gray	13.5	30.5	
Shale, sandy, dark-gray	1	31.5	
Coal	.5	32	
Sandstone, gray	10	42	
Shale, sandy, light-gray	5	47	
Coal	.5	47.5	W.B.
Sandstone, light-gray	17.5	65	W.B.
Shale, sandy, gray	2.5	67.5	
Sandstone, light-gray	3.5	71	
Shale, sandy, gray	9	80	
Shale, sandy, dark-gray	7	87	
Shale, sandy, gray	3	90	
Limestone, trace	---	90	
Shale, sandy, gray	19	109	
Sandstone, gray	4.5	113.5	
Shale, soft, gray	1.5	115	
Coal	.5	115.5	W.B.
Fire clay	2.5	118	
Shale, sandy, brown	12	130	

Well 6/6W-2D1

Type of record: Driller's log. Altitude: About 488 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand, fine, red	8	8	W.B.
Sand, fine, gray	22	30	W.B.
Sand, coarse, and gravel	10	40	W.B.
Sand and gravel	28	68	W.B.

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 6/6W-3J1

Type of record: Driller's log. Altitude: About 490 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Soil and sand	16	16	
Pennsylvanian system:			
Lower series:			
Sandstone	20	36	
Coal	3.5	39.5	
Shale, clayey	2	41.5	
Sandstone	28.5	70	W.B.

Well 6/6W-4B1

Type of record: Driller's log. Altitude: About 510 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Surface	12	12	
Pennsylvanian system:			
Lower series:			
Shale, soft, white	6	18	
Shale, gray	6	24	
Sandstone, gray	11	35	
Shale, sandy, gray	10	45	
Sandstone, hard, gray	1	46	
Steel band	2	48	
Sandstone, gray	2	50	
Shale, sandy, dark-gray	2	52	
Coal	.5	52.5	
Shale, white	4.5	57	
Coal	3	60	W.B.
Shale, soft, gray	5	65	

Well 6/6W-4C1

Type of record: Driller's log. Altitude: About 535 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Soil and clay	20	20	
Pennsylvanian system:			
Lower series:			
Sandstone	15	35	
Shale	1.5	36.5	
Coal	2	38.5	
Fire clay	2	40.5	
Sandstone	99.5	140	W.B.

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 6/6W-5C1

Type of record: Driller's log. Altitude: About 500 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Surface	12	12	
Pennsylvanian system:			
Lower series:			
Shale, gray	2	14	
Shale, sandy, gray	2	16	
Shale, slick, light-gray	6.5	22.5	
Sandstone, gray	13.5	36	
Sandstone, hard, dark	2	38	
Slate, black	3	41	
Shale, sandy, dark-gray	3	44	
Shale, sandy, boots, dark-gray	2	46	
Coal	1	47	
Fire clay	6.5	53.5	
Sandstone, light-gray	1.5	55	
Shale, sandy, light-gray	2	57	
Sandstone, light-gray	3	60	
Shale, sandy, boots, gray	34	94	
Sandstone, white	28	122	W.B.

Well 6/6W-5K1

Type of record: Driller's log. Altitude: About 495 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Surface	10	10	
Pennsylvanian system:			
Lower series:			
Sandstone	2	12	
Shale, gray	4.5	16.5	
Limestone, bastard	2	18.5	Very hard.
Slate, hard, black	5.5	24	
Shale, soft, dark	6	30	
Coal	1.5	31.5	
Shale, light-gray	6.5	38	
Shale, sandy, dark	31	69	
Coal	1	70	
Sandstone, gray	21	91	
Limestone, sandy, brown	9	100	
Sandstone, light-gray	11	111	
Shale, gray	6	117	
Coal, and gray shale	4	121	
Shale, dark	5	126	
Sandstone, light-gray	5	131	
Shale, sandy, light-gray	6	137	
Shale, dark-gray	2	139	
Shale, sandy, light-gray	1	140	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 6/6W-5R1

Type of record: Driller's log. Altitude: About 540 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Surface	9	9	
Pennsylvanian system:			
Lower series:			
Sandstone, soft	4.5	13.5	
Limestone, shelly, hard	2	15.5	
Blackjack and coal	2	17.5	
Shale, sandy, gray	12.5	30	
Shale, soft, white	7.5	37.5	
Shale, sandy, gray	3.5	41	
Sandstone, dark-gray	12	53	
Shale, sandy, gray	2	55	
Slate, black	2	57	
Coal	2.5	59.5	
Fire clay	4.5	64	
Shale, sandy, light-gray	5	69	
Shale, sandy, gray	28	97	
Sandstone, gray	4	101	
Sandstone, white	14	115	
Shale, sandy, gray	2	117	
Sandstone, white	9	126	
Shale, sandy, light-gray	9.5	135.5	
Sandstone, gray	21.5	157	
Coal	1	158	
Shale, sandy, gray	12	170	
Sandstone, light-gray	21	191	
Shale, light-gray	3	194	
Steel band	3	197	
Slate, black	2	199	
Coal	1	200	
Sandstone, gray	3	203	
Shale, white	2	205	
Sandstone, light-gray	7	212	

Well 6/6W-6M1

Type of record: Driller's log. Altitude: About 490 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay	14	14	
Pennsylvanian system:			
Middle series:			
Shale; coal	8	22	
Shale, soft	16	38	
Sandstone	2	40	
Shale	20	60	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 6/6W-6M1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Lower? series:			
Coal	1	61	W.B.
Shale	99	160	
Coal	1	161	
Sandstone	14	175	W.B.

Well 6/6W-7D1

Type of record: Driller's log. Altitude: About 510 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay and hardpan	23	23	
Pennsylvanian system:			
Middle series:			
Shale, dark	5	28	
Slate, black	10	38	
Coal	2	40	
Fire clay	4	44	
Limestone, broken	6	50	
Coal	2	52	
Fire clay	4	56	
Shale, gray	4	60	
Sandstone	13	73	W.B.
Lower? series:			
Shale, gray	5	78	
Limestone, hard	3	81	
Shale, sandy	8	89	
Shale, gray	12	101	
Slate, dark	5	106	
Coal	2	108	
Fire clay	4	112	
Shale, gray	12	124	
Limestone, hard	6	130	
Shale, gray	8	138	
Shale, dark	7	145	
Slate, black	20	165	
Shale, gray	13	178	
Shale, gray	16	194	
Sandstone	38	232	W.B.
Shale, dark	6	238	
Shale, sandy	9	247	
Shale, dark	15	262	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 6/6W-7J1

Type of record: Driller's log. Altitude: About 480 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Surface	15	15	
Clay, slick, soft, light-gray	60	75	
Hardpan and gravel	15	90	
Pennsylvanian system:			
Lower series:			
Sandstone, light-gray	20	110	W.B.

Well 6/6W-8G1

Type of record: Driller's log. Altitude: About 530 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	11.5	11.5	
Pennsylvanian system:			
Lower series:			
Sandstone, red and yellow	6.5	18	
Sandstone, soft, red	5	23	
Coal and blackjack	2	25	
Shale, soft	3	28	
Shale, sandy, gray	9	37	
Coal	1	38	
Fire clay	3	41	
Shale, soft, gray	3.5	44.5	
Shale, sandy, gray	2.5	47	
Sandstone, gray	8	55	
Slate, black	2	57	
Sandstone, black	10	67	
Slate, black	2	69	
Coal	3	72	
Fire clay	4	76	
Shale, sandy, gray	29	105	
Sandstone, light-gray	22	127	
Shale, sandy, light-gray	3	130	
Shale, sandy, gray	8	138	
Sandstone, gray	6	144	
Shale, sandy, gray	13	157	
Shale, sandy, light-gray	6	163	
Shale, sandy, gray	14	177	
Sandstone, light-gray	8	185	
Shale, gray	3	188	
Sandstone, gray	14	202	
Shale, sandy, gray	14	216	
Sandstone, light-gray	9	225	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 6/6W-8K1

Type of record: Driller's log. Altitude: About 515 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Surface	16	16	
Pennsylvanian system:			
Lower series:			
Sandstone, red	6	22	
Shale, soft	3	25	
Coal	2	27	
Fire clay	3	30	
Shale, soft, gray	12	42	
Shale, sandy, gray	2.5	44.5	
Sandstone, dark-gray	16.5	61	
Slate, black	4	65	
Shale, sandy, gray	5	70	
Shale, sandy, light-gray	3	73	
Shale, sandy, gray	32	105	
Sandstone, gray	10	115	
Sandstone, light-gray	12	127	
Shale, sandy, gray	7	134	
Sandstone, medium-gray	8	142	
Shale, sandy, gray	10	152	
Coal	1	153	
Shale, gray	4	157	
Shale, sandy, boots, gray	50	207	
Shale, sandy, gray	3	210	

Well 6/6W-8R1

Type of record: Driller's log. Altitude: About 540 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil	12	12	
Pennsylvanian system:			
Lower series:			
Sandstone	17	29	
Coal	1	30	
Shale, gray	9	39	
Fire clay	5	44	
Shale, sandy	3	47	
Shale, gray	7	54	
Coal, trace	----	54	
Slate	22	76	
Coal, trace	----	76	
Fire clay	4	80	
Shale, gray	15	95	
Shale, sandy	4	99	
Fire clay	2	101	
Shale, gray	19	120	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 6/6W-8R1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Lower series:			
Shale, sandy	32	152	W.B.
Coal, trace	----	152	
Shale, sandy	4	156	W.B.
Coal	2	158	
Shale, sandy	22	180	

Well 6/6W-9E1

Type of record: Driller's log. Altitude: About 525 feet.

Quaternary system:			
Recent and Pleistocene series:			
Soil and clay	20	20	
Pennsylvanian system:			
Lower series:			
Shale	----	20	
Coal	1.7	21.7	
Fire clay	2	23.7	
Shale	18	41.7	
Sandstone, solid	60	101.7	
Coal	3	104.7	
Rock	37	141.7	
Coal	2.3	144	

Well 6/6W-16A1

Type of record: Sample log of test hole (examined by E. G. Otten). Altitude: About 480 feet.

No samples	90	90	
Pennsylvanian system:			
Lower series:			
Sandstone, micaceous, carbonaceous, medium coherent	----	90	
Sandstone with silt, gray	10	100	
Sandstone; coal fragments; some brown ironstone	20	120	
Sandstone, coarse, vitreous, porous, non-coherent, buff	10	130	
Sandstone, micaceous; few fragments of glauconite and iron	10	140	
Sandstone; siderite more abundant	10	150	
Sandstone, more coherent grains, less siderite	20	170	
Shale, coarse, silty, micaceous, gray, some siderite fragments	10	180	
Shale, sandy, gray	10	190	
Shale, gray, some brown shale	10	200	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 6/6W-16A1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Lower series:			
Shale, carbonaceous, gray------	20	220	
Sandstone, calcareous, carbonaceous, micaceous, coherent, tight; pyrite----------	20	240	
Sandstone, calcareous, carbonaceous, micaceous, coherent, tight; more pyrite----------	10	250	
Sandstone, calcareous, carbonaceous, micaceous, non-coherent	20	270	
Sandstone, more angular and larger grains, calcareous, micaceous, carbonaceous, coherent.	10	280	
Sandstone, calcareous, carbonaceous, micaceous, coherent, with brown shale or ironstone-	20	300	
Sandstone, frosted grains, calcareous, carbonaceous, micaceous, coherent----------	10	310	
Sandstone, coarse grains in matrix of fine grains; much pyrite----------	10	320	
Sandstone, very coarse, glassy, clean, non-coherent----------	20	340	
Mississippian system:			
Chester series:			
Sandstone, very coarse, glassy, clean, non-coherent, crystalline, crinoidal limestone; some sand grains imbedded in limestone----------	10	350	
Limestone, coarsely crystalline, dolomitic, crinoidal, oolitic, light-brown----------	10	360	
Limestone, oolitic, mottled dark-gray and brown; pyrite---	10	370	
Limestone, dense, hard, dark-brown, derived from organic source; pyrite, 35%----------	20	390	
Silt, very carbonaceous, slightly sandy, tight, gray---	10	400	
Shale, smooth, red; green shale and some green sandstone; some fragments of brown shale----------	10	410	T.D. 1,795 feet.

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 6/6W-16M1

Type of record: Driller's log. Altitude: About 510 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand	10	10	
Sand and mud	8	18	
Hardpan and sand	9	27	
Pennsylvanian system:			
Lower series:			
Shale, gray	2	29	
Shale, sandy, dark-gray	2	31	
Sandstone, hard, dark-gray	1.5	32.5	
Shale, sandy, dark-gray	22.5	55	
Coal	2	57	
Fire clay	4	61	
Shale, soft, light-gray	3	64	
Shale, sandy, medium-gray	5.5	69.5	
Shale, sandy, gray	22.5	92	
Coal	1	93	
Fire clay	3	96	
Sandstone, light-gray	4	100	
Shale, sandy, gray	20	120	
Sandstone, gray	12	132	W.B.
Coal	1	133	
Shale, sandy, light-gray	1	134	
Shale, sandy, gray	3	137	

Well 6/6W-17G1

Type of record: Driller's log. Altitude: About 490 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand and mud, blue	76	76	
Pennsylvanian system:			
Lower series:			
Shale, sandy, gray	18	94	
Shale, sandy, light-gray	9	103	
Shale, sandy, dark-gray	6	109	
Sandstone, gray	6	115	
Shale, sandy, gray	60	175	
Sandstone, light-gray	6	181	W.B.

Well 6/6W-19R1

Type of record: Driller's log. Altitude: About 480 feet.

Quaternary system:			
Recent and Pleistocene series:			
Soil, dirt	14	14	
Gravel, fine	10	24	W.B.
Sand, coarse	8	32	W.B.

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 6/6W-19R1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Gravel, fine, and sand----------	8	40	W.B.
Gravel, medium----------	21	61	W.B.
Clay, tough----------	5	66	
Pennsylvanian system:			
Lower series:			
Rock----------	----	66	

Well 6/6W-23P1

Type of record: Driller's log. Altitude: About 476 feet.

Quaternary system:			
Recent and Pleistocene series:			
Soil, sandy----------	8	8	
Gravel----------	22	30	
Gravel and quicksand----------	35	65	
Gravel----------	6.5	71.5	
Sand and gravel----------	16.5	88	
Quicksand----------	2	90	
Pennsylvanian system:			
Lower series:			
Shale----------	20	110	
Shale, gray----------	44	154	
Shale, brown----------	7	161	
Shale, gray----------	34	195	
Limestone, sandy, gray and brown----------	35	230	
Shale, brown----------	10	240	
Sandstone----------	7	247	
Limestone, hard, brown----------	8	255	
Shale, gray----------	25	280	
Sandstone----------	10	290	
Limestone, brown----------	5	295	
Shale, gray----------	10	305	
Mississippian? system:			
Chester? series:			
Limestone, sandy----------	5	310	
Shale, gray----------	12	322	
Shale, light-gray----------	12	334	
Limestone----------	9	343	
Limestone, sandy----------	37	380	
Shale, gray?, and red shale----------	45	425	T.D. 941 feet.

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 6/6W-24J1

Type of record: Driller's log. Altitude: About 510 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, yellow	40	40	
Mud, green	4	44	
Mud, gray	3	47	
Sand, yellow	5	52	
Pennsylvanian system:			
Lower series:			
Coal	2	54	
Fire clay	2	56	
Shale, sandy, light-gray	4	60	
Shale, sandy, gray	3	63	
Sandstone, gray	.5	63.5	
Fire clay and coal	2.5	66	W.B.
Sandstone, light-gray	6	72	
Shale, sandy, gray	1.5	73.5	
Sandstone, light-gray	1.5	75	
Shale, sandy, gray	8	83	
Sandstone, gray	8	91	
Shale, dark-gray	3	94	
Sandstone, light-gray	16	110	
Shale, dark-gray	5	115	
Sandstone, white	17	132	
Shale, sandy, gray	3	135	
Limestone	1	136	
Coal	1	137	
Shale, sandy, dark-gray	13	150	
Shale, sandy, gray	4	154	
Coal	1	155	
Shale, sandy, moderately hard, light-gray	7	162	
Sandstone, light-gray	13	175	W.B.
Coal, trace	----	175	
Shale, sandy, gray	20	195	

Well 6/6W-25G1

Type of record: Driller's log. Altitude: About 540 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand, brown	20	20	
Mud, yellow	8	28	
Clay, yellow	4.5	32.5	
Pennsylvanian system:			
Lower series:			
Sandstone, hard, gray	3.5	36	
Sandstone, moderately hard, gray	3	39	
Shale, dark-gray	1	40	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 6/6W-25G1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Lower series:			
Slate, black	1	41	
Coal	2	43	
Shale, sandy	15.5	58.5	
Coal	2	60.5	
Fire clay	2.5	63	
Shale, sandy, light-gray	14	77	
Sandstone, hard, medium-gray	4	81	
Coal	.5	81.5	
Sandstone, medium-gray	2.5	84	
Shale, sandy, gray	81	165	
Shale, gray	7	172	
Shale, sandy, medium-gray	10	182	
Shale, sandy, dark-gray	17.5	199.5	
Limestone, brown	1	200.5	
Coal and fire clay	1.5	202	
Sandstone, gray	10	212	
Shale, sandy, gray	4	216	
Sandstone, gray	7	223	
Mississippian? system:			
Chester? series:			
Shale, sandy, limey, gray	3	226	
Sandstone, light-gray	11	237	
Sandstone	15	252	W.B.
Shale and limestone	----	252	

Well 6/6W-25G2

Type of record: Driller's log. Altitude: About 530 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand	18.5	18.5	
Mud, blue	2.5	21	
Pennsylvanian system:			
Lower series:			
Sandstone	6	27	
Shale, soft, dark-gray	3	30	
Coal	1	31	
Fire clay	1	32	
Shale, gray	3.5	35.5	
Shale, sandy, gray	15	50.5	
Coal and fire clay	2.5	53	W.B.
Shale, sandy, medium-gray	7	60	
Sandstone, gray	2	62	
Shale, sandy, gray	4.5	66.5	
Sandstone, light-gray; trace of coal	5.5	72	
Shale, sandy, gray	1	73	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 6/6W-25G2--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Lower series:			
Shale, sandy, hard, gray--------	5	78	

Well 6/6W-25H1

Type of record: Driller's log. Altitude: About 545 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand, yellow----------	19	19	
Mud, blue----------	11	30	
Sandstone, yellow----------	2	32	
Mud, blue----------	7.5	39.5	
Pennsylvanian system:			
Lower series:			
Coal----------	.5	40	
Fire clay----------	2	42	
Shale, dark-gray----------	13	55	
Coal----------	1	56	
Shale, light-gray----------	19	75	
Coal, trace----------	----	75	
Shale, sandy, gray----------	8	83	
Coal----------	.5	83.5	
Fire clay----------	1.5	85	
Shale, sandy, gray----------	7	92	
Sandstone, gray----------	2	94	
Shale, sandy, gray----------	66	160	
Shale, gray----------	5	165	
Sandstone, hard, black----------	1	166	
Shale, dark-gray----------	4	170	
Sandstone, light-gray----------	12	182	
Shale, sandy, medium-gray-------	9	191	
Shale, sandy, dark-gray---------	8	199	
Limestone, trace----------	----	199	
Coal and fire clay----------	1	200	
Limestone, brown----------	1	201	
Sandstone, light-gray----------	11	212	
Shale, sandy, gray----------	8	220	
Mississippian? system:			
Chester? series:			
Sandstone, gray, and limestone--	5	225	
Sandstone, light-gray----------	7	232	
Sandstone----------	22	254	W.B.
Shale, sandy, gray----------	----	254	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 6/6W-25J1

Type of record: Driller's log. Altitude: About 555 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand	15	15	
Mud, yellow and green	24	39	
Pennsylvanian system:			
Lower series:			
Coal	.5	39.5	
Fire clay	2.5	42	
Shale, light-gray	7	49	
Coal	1	50	
Fire clay	1	51	
Shale, sandy, gray	4	55	
Coal	.5	55.5	
Fire clay	1.5	57	
Shale, sandy, grayish-brown	3	60	
Coal	.5	60.5	
Shale, sandy, gray	9.5	70	
Sandstone, gray	4	74	W.B.
Shale, sandy, medium-gray	2	76	

Well 6/6W-29E2

Type of record: Driller's log. Altitude: About 480 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Top soil	3	3	
Clay, sandy	6	9	
Sand	21	30	W.B.
Gravel, coarse, and sand	10	40	W.B.
Sand, coarse, and gravel	17	57	W.B.
Pennsylvanian system:			
Lower series:			
Shale, soft, brown	----	57	

Well 6/6W-29E7

Type of record: Driller's log. Altitude: About 480 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Top soil	3	3	
Clay, sandy	6	9	
Gravel, coarse, and sand	3	12	W.B.
Sand, fine	16	28	W.B.
Gravel, coarse	3	31	W.B.
Sand and gravel, coarse	18	49	W.B.
Clay, sandy, fine	1	50	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 6/6W-29E7--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Lower series:			
Shale, hard, brown----------	----	50	

Well 6/6W-30A1

Type of record: Driller's log. Altitude: About 480 feet.

Quaternary system:			
Recent and Pleistocene series:			
Soil, dirt, and sand----------	10	10	
Gravel, fine, clean----------	44	54	W.B.
Gravel, fine, and clay, mixed---	8	62	W.B.
Clay, tough----------	6	68	

Well 6/6W-30H1

Type of record: Driller's log. Altitude: About 480 feet.

Quaternary system:			
Recent and Pleistocene series:			
Soil, dirt----------	8	8	
Clay, soft----------	4	12	
Gravel, fine, clean----------	12	24	W.B.
Gravel, medium, and sand, clean-	31	55	W.B.
Clay, tough----------	8	63	
Sand, fine, muddy----------	4	67	W.B.

Well 6/7W-1A1

Type of record: Driller's log. Altitude: About 495 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface----------	15	15	
Pennsylvanian system:			
Middle series:			
Slate, black----------	7	22	
Coal----------	.5	22.5	
Fire clay----------	5.5	28	
Shale, sandy----------	6	34	
Shale, gray----------	8	42	
Shale, dark----------	2	44	
Shale, gray----------	13	57	
Shale, sandy----------	13	70	W.B.

Well 6/7W-1L1

Type of record: Driller's log. Altitude: About 535 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface----------	12	12	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 6/7W-1L1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Hardpan	9	21	
Pennsylvanian system:			
Middle series:			
Shale, soft, gray	3	24	
Sandstone, light-gray	1	25	
Shale, sandy, gray	9	34	
Shale, boots, gray	2	36	
Sandstone, gray	3	39	
Shale, sandy	2	41	
Sandstone, light-gray	15	56	
Shale, black	4	60	
Coal, soft	2	62	
Fire clay	2	64	
Shale, sandy, gray	6	70	
Shale, sandy, and coal streaks	3	73	
Fire clay	3	76	
Shale, boots, gray	4	80	
Shale, brown	6	86	
Shale, light-gray	5	91	
Shale, sandy, gray	4	95	
Shale, sandy, light-gray	9	104	
Sandstone, brown	2	106	
Shale, sandy, light-gray	13	119	
Shale, boots, gray	5	124	
Sandstone, dark-gray	1	125	
Coal and shale	3	128	
Fire clay	3	131	
Shale, sandy, gray	5	136	
Lower? series:			
Shale, sandy, boots, light-gray	2	138	
Shale, sandy, white	6	144	
Sandstone, gray	2	146	
Shale, sandy, gray	5	151	
Shale, dark-gray	13	164	
Shale, sandy, gray	19	183	
Coal	2	185	
Shale, gray	----	185	

Well 6/7W-3B1

Type of record: Driller's log. Altitude: About 480 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	18	18	
Clay, blue	13	31	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 6/7W-3B1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Middle series:			
Sandstone, gray	2.5	33.5	
Shale, sandy, gray	2.5	36	
Coal	1	37	
Sandstone, gray	6	43	
Shale, sandy, gray	17	60	
Slate, black	10	70	
Coal	1	71	
Fire clay	2	73	
Shale, sandy, gray	2	75	

Well 6/7W-3J1

Type of record: Driller's log. Altitude: About 470 feet.

Quaternary system:			
Recent and Pleistocene series:			
Drift	34	34	
Pennsylvanian system:			
Middle series:			
Shale, dark	6	40	
Shale	25	65	
Slate	3	68	
Coal	4	72	
Sandstone	8	80	
Shale, gray	18	98	
Lower? series:			
Limestone	4	102	
Shale, gray	23	125	
Shale, sandy	5	130	
Sandstone	10	140	
Shale, sandy	45	185	
Shale, light-gray	10	195	
Shale, sandy, dark	30	225	
Sandstone, broken	15	240	
Shale, dark	30	270	
Shale, light	10	280	
Shale, gray	3	283	
Limestone, brown	2	285	
Sandstone	20	305	
Shale, dark	13	318	
Sandstone	72	390	
Shale, dark	6	396	
Mississippian? system:			
Chester? series:			
Limestone	6	402	
Shale	8	410	
Shale, dark	20	430	
Limestone	10	440	T.D. 1,174 feet.

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 6/7W-6J1

Type of record: Driller's log. Altitude: About 510 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Surface	14	14	
Pennsylvanian system:			
Middle series:			
Shale, gray	12	26	
Shale, sandy	2	28	
Shale, gray	6	34	
Sandstone	5	39	
Shale, gray	7	46	
Sandstone	2.5	48.5	
Shale, gray	5.5	54	
Shale, blue	48	102	
Shale, gray	3.5	105.5	
Shale, blue	29.5	135	
Slate, black	1	136	
Steel band	1.5	137.5	
Slate, black	3	140.5	
Coal	1	141.5	
Fire clay	8.5	150	
Shale, gray	14	164	
Sandstone	19	183	
Shale, gray	.5	183.5	
Slate, black	1.5	185	
Shale, gray	1	186	
Sandstone, gray	6	192	
Shale, gray	18	210	
Lower series:			
Limestone	.5	210.5	
Slate, black	.5	211	

Well 6/7W-10D1

Type of record: Driller's log. Altitude: About 470 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	18	18	
Sand and mud	35	53	
Gravel, sand, and shelly rock	5	58	W.B.

Well 6/7W-11R1

Type of record: Driller's log. Altitude: About 475 feet.

Quaternary system:			
Recent and Pleistocene series:			
Muck, black	20	20	
Muck, earthy, gray	37	57	
Boulder	4	61	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 6/7W-11R1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Gravel----------	----	61	

Well 6/7W-12B1

Type of record: Driller's log. Altitude: About 515 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay----------	13	13	
Pennsylvanian system:			
Middle series:			
Shale----------	18	31	
Slate, black----------	6.5	37.5	
Slate, hard, black----------	2	39.5	
Coal----------	.5	40	
Fire clay----------	1.5	41.5	
Shale, sandy----------	4.5	46	
Shale, gray----------	11	57	
Limestone, brown----------	3	60	
Slate, black----------	2	62	
Shale----------	7	69	
Shale, sandy----------	11	80	

Well 6/7W-13J1

Type of record: Driller's log. Altitude: About 490 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay and sand----------	100	100	
Pennsylvanian system:			
Lower series:			
Shale----------	1	101	
Sandstone----------	19	120	W.B.
Coal----------	2	122	
Shale----------	48	170	
Sandstone----------	10	180	W.B.

Well 6/7W-15R1

Type of record: Driller's log. Altitude: About 495 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface----------	13	13	
Pennsylvanian system:			
Middle series:			
Slate, black----------	1	14	
Coal----------	1	15	
Shale, light-gray----------	4	19	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 6/7W-15R1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Middle series:			
Sandstone, hard, light-gray-----	5	24	
Shale, slick, light-gray--------	4	28	
Sandstone, light-gray----------	3	31	
Shale, sandy, gray----------	26	57	
Sandstone, gray----------	26	83	
Shale, sandy, gray----------	12	95	
Slate, black----------	8	103	
Shale, sandy, light-gray--------	8	111	
Coal----------	1	112	
Shale, sandy, gray----------	2	114	
Steel band----------	1.5	115.5	
Shale, sandy, gray----------	9.5	125	
Lower? series:			
Sandstone, light-gray----------	5	130	
Shale, sandy, light-gray--------	20	150	

Well 6/7W-22E1

Type of record: Driller's log. Altitude: About 560 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface----------	13	13	
Pennsylvanian system:			
Middle series:			
Sandstone, red----------	6	19	
Shale, sandy, gray----------	3	22	
Sandstone, gray----------	10	32	
Shale, sandy, gray; sandstone---	87	119	

Well 6/7W-24R1

Type of record: Driller's log. Altitude: About 495 feet.

Quaternary system:			
Recent and Pleistocene series:			
Soil and gravel----------	27	27	
Pennsylvanian system:			
Lower series:			
Shale, soft----------	20	47	
Limestone, hard (sandstone?)----	44	91	
Coal----------	1.9	92.9	
Sandstone----------	20	112.9	
Coal----------	1.4	114.3	
Shale, black----------	20	134.3	
Coal----------	1.7	136	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 6/7W-25P1

Type of record: Driller's log. Altitude: About 495 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand and clay	33	33	
Pennsylvanian system:			
Lower series:			
Sandstone	5	38	
Shale	34	72	
Coal	1	73	W.B.
Shale and fire clay	6	79	

Well 6/7W-31G1

Type of record: Driller's log. Altitude: About 490 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil	12	12	
Pennsylvanian system:			
Middle series:			
Sandstone	9.5	21.5	
Shale, limey, white	10.5	32	
Limestone and shale	30	62	
Shale, brown	39	101	

Well 6/7W-32C1

Type of record: Driller's log. Altitude: About 520 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay	20	20	
Sandstone	3	23	
Mud	2	25	
Pennsylvanian system:			
Middle series:			
Sandstone	7	32	
Shale, sandy, gray	73	105	
Shale, gray	20	125	
Limestone, brown	1	126	
Slate, black	2	128	
Shale, green	10	138	
Shale, sandy, green	2	140	

Well 6/7W-32Q1

Type of record: Driller's log. Altitude: About 510 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface clay	10	10	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 6/7W-32Q1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Middle series:			
Sandstone, gray	24.5	34.5	
Coal	.1	34.6	
Sandstone, blue	42	76.6	
Shale, clayey, blue	41	117.6	
Shale, black	10.4	128	
Coal, cannel	3.2	131.2	
Coal, semi-black	1.7	132.9	
Fire clay	.1	133	

Well 6/7W-34E1

Type of record: Driller's log. Altitude: About 490 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay and hardpan	20	20	
Mud, blue	8	28	
Pennsylvanian system:			
Middle series:			
Shale, boots, soft, gray	22	50	
Slate, black	2.5	52.5	
Steel band	2	54.5	
Slate, black	2	56.5	
Coal	1	57.5	
Fire clay	3	60.5	
Sandstone, gray	7.5	68	
Sandstone, light-gray	18	86	
Shale, sandy, gray, and sandstone	34	120	
Slate, black	4	124	
Coal	1	125	
Shale, sandy, gray	5	130	
Shale, sandy, light-gray	8	138	
Shale, dark-gray	3	141	
Coal	1	142	
Sandstone, dark-gray	3	145	W.B.
Sandstone, light-gray	4	149	W.B.
Sandstone, dark-gray	3	152	W.B.
Sandstone, gray	7	159	W.B.
Coal	1	160	W.B.
Sandstone, gray	1	161	W.B.
Sandstone, white	4	165	W.B.
Sandstone, light-gray	2	167	W.B.
Sandstone, gray	4	171	W.B.

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 6/7W-34J1

Type of record: Driller's log. Altitude: About 490 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay and sand	16	16	
Pennsylvanian system:			
Middle series:			
Sandstone	10	26	
Shale, clayey	5	31	
Shale	10	41	
Coal	.7	41.7	
Fire clay	1.5	43.2	
Sandstone, white	26.3	69.5	
Shale, clayey	7	76.5	
Shale, sandy	3.5	80	
Shale, black	.2	80.2	
Coal	.6	80.8	
Clay	.7	81.5	
Coal	2.7	84.2	
Fire clay	3.3	87.5	
Clay	5.5	93	
Sandstone	5	98	
Limestone, hard	3.4	101.4	
Limestone?	21.5	122.9	
Coal	.9	123.8	
Fire clay	3	126.8	
Clay	6	132.8	
Sandstone, argillaceous	6.5	139.3	
Limestone, blue	2.1	141.4	
Shale, clayey	.4	141.8	
Limestone, blue	.4	142.2	
Sandstone	13	155.2	
Shale, clayey, bituminous	24.8	180	

Well 6/7W-34N1

Type of record: Driller's log. Altitude: About 475 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface; clay and sand	14	14	
Pennsylvanian system:			
Middle series:			
Shale, soft	36	50	
Shale, hard	12	62	
Shale and sandstone	69	131	
Sandstone	39	170	
Lower? series:			
Limestone, sandy	4	174	
Shale and sandstone	77	251	
Sandstone, hard	29	280	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 6/7W-34N1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Lower? series:			
Shale, sandstone, and limestone---	55	335	
Limestone, sandy, and shale-----	15	350	
Shale----------	20	370	
Sandstone and shale----------	25	395	
Sandstone----------	25	420	W.B. T.D. 1,011 feet.

Well 7/3W-6Q1

Type of record: Driller's log. Altitude: About 700 feet.

Undifferentiated:a/			
Surface----------	5	5	
Mississippian system:			
Chester series:			
Sandstone, yellow----------	27	32	
Limestone----------	6	38	Solution opening 33 to 35 feet.
Sandstone, soft, red----------	4.5	42.5	
Shale, blue----------	7.5	50	
Shale, lavender----------	4	54	
Shale, sandy, blue----------	6	60	
Shale, sandy, lavender----------	2	62	
Shale, sandy, gray, with yellow streaks----------	3	65	
Sandstone, moderately hard, gray-	10	75	
Shale, blue----------	3.5	78.5	
Shale, sandy, gray----------	13.5	92	
Sandstone, gray----------	2	94	
Shale, sandy, gray----------	12.5	106.5	
Limestone----------	2	108.5	
Shale, sandy, gray----------	11.5	120	
Limestone----------	10	130	
Shale, sandy, gray----------	3	133	
Sandstone, gray----------	7	140	
Shale, sandy, boots, gray-------	17	157	
Meramec? series:			
Sandstone, blue----------	4	161	
Limestone----------	5	166	
Sandstone, blue----------	3	169	
Limestone----------	7	176	
Sandstone, blue----------	9	185	
Shale, sandy, blue----------	1	186	
Limestone----------	45	231	
Sandstone, gray----------	3	234	
Shale, sandy, blue----------	1	235	

a/ Unglaciated area; geologic age unknown.

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/3W-6R1

Type of record: Driller's log. Altitude: About 610 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Undifferentiated:a/			
Surface	5	5	
Mississippian system:			
Chester series:			
Sandstone, yellow	22	27	
Clay, yellow	1	28	
Sandstone and clay?, yellow	8	36	
Sandstone, gray, and clay streaks	7.5	43.5	
Shale, sandy, gray	17.5	61	
Limestone	2	63	
Shale, sandy, gray	18	81	
Limestone	9	90	
Shale, sandy, gray	5	95	
Sandstone, gray	3	98	
Sandstone, yellow	6	104	
Meramec series:			
Shale, sandy, gray	17	121	
Limestone	4.5	125.5	
Sandstone, light-gray	4.5	130	
Shale, blue	2	132	
Limestone	9	141	
Sandstone, gray	2	143	
Shale, slick, blue	4	147	
Limestone	38	185	

Well 7/3W-14L1

Type of record: Driller's log. Altitude: About 830 feet.

Undifferentiated:a/			
Soil	4	4	
Pennsylvanian system:			
Lower series:			
Sandstone, light-brown	6	10	
Sandstone, soft, light-brown	3	13	
Sandstone, yellowish-white	7	20	
Clay, yellow	9	29	
Clay, gray	2	31	
Coal, trace	----	31	
Clay, gray	1	32	
Shale, sandy, soft, gray	12	44	
Shale, sandy, soft, light-gray	4	48	
Sandstone, brown	11	59	
Sandstone, yellow	12	71	
Sandstone, brown	23	94	

a/ Unglaciated area; geologic age unknown.

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/3W-14L1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Mississippian system:			
Chester series:			
Sandstone, yellowish-white------	6	100	W.B.
Shale, sandy, yellowish-white---	5	105	
Shale, sandy, to light-gray sandstone----------	2	107	
Sandstone, light-gray----------	5	112	

Well 7/3W-22L1

Type of record: Driller's log from memory. Altitude: About 810 feet.

Undifferentiated:a/			
Surface----------	20	20	
Pennsylvanian system:			
Lower series:			
Shale----------	60	80	
Mississippian? system:			
Chester? series:			
Sandstone----------	30	110	
Limestone----------	20	130	
Sandstone----------	20	150	W.B.

Well 7/4W-2K1

Type of record: Driller's log. Altitude: About 730 feet.

Undifferentiated:a/			
Clay----------	7	7	
Mississippian system:			
Chester series:			
Sandstone, hard----------	5	12	
Mud----------	6	18	
Sandstone, soft----------	14	32	
Limestone, hard, gray----------	30	62	
Limestone, broken; slate--------	8	70	
Shale, red----------	6	76	
Slate, gray----------	14	90	
Slate, dark----------	32	122	
Limestone, light to medium-gray-	7	129	
Shale, sticky----------	6	135	
Limestone----------	9	144	
Shale, soft, dark----------	6	150	
Sandstone, broken----------	5	155	
Slate, white----------	20	175	
Limestone----------	10	185	
Slate, green----------	5	190	
Meramec series:			
Slate, white----------	6	196	
Limestone----------	24	220	

a/ Unglaciated area; geologic age unknown.

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/4W-2K1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Mississippian system:			
Meramec series:			
Limestone, brown	60	280	
Limestone, soft	15	295	W.B.
Limestone, hard	2	297	
Limestone	47	344	
Limestone; chert	3	347	
Limestone	25	372	
Limestone, cherty	2	374	
Limestone, cherty, brown	38	412	T.D. 1,410 feet.

Well 7/4W-3K1

Type of record: Driller's log. Altitude: About 644 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay	38	38	
Mississippian system:			
Chester series:			
Shale, blue	27	65	
Shale, green	13	78	
Shale, gray	18	96	
Limestone	16	112	
Shale, dark	3	115	
Sandstone	7	122	W.B.
Shale, blue	20	142	
Limestone, brown	11	153	
Shale, green	4	157	
Meramec series:			
Limestone, gray	9	166	
Shale, green	7	173	
Limestone, gray	20	193	
Limestone, dark	20	213	
Limestone, broken	13	226	W.B.
Limestone, gray	89	315	
Limestone, brown	53	368	
Shale, green	2	370	
Limestone, brown	10	380	T.D. 643 feet.

Well 7/4W-7F1

Type of record: Driller's log. Altitude: About 680 feet.

Quaternary system:			
Recent and Pleistocene? series:			
Surface	2.5	2.5	
Pennsylvanian system:			
Lower series:			
Sandstone, yellow	8.5	11	
Sandstone, soft, yellow	10	21	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/4W-7F1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Lower series:			
Sandstone, soft, brown	1	22	
Shale, soft, brownish-yellow	6	28	
Shale, soft, gray	7	35	
Shale, sandy, soft, gray	8	43	
Shale, sandy, gray	12	55	
Sandstone, brownish-yellow	16	71	
Shale, sandy, and gray sandstone	6	77	
Sandstone, light-gray	3	80	
Shale, sandy, boots, gray	27	107	
Shale, limey, boots	4	111	
Shale, sandy, gray	14	125	
Sandstone, yellow	11	136	
Sandstone, buff	54	190	
Sandstone, red	1	191	
Mississippian? system:			
Chester? series:			
Sandstone, yellow	7	198	W.B.
Limestone, hard	3	201	

Well 7/4W-9E1

Type of record: Driller's log. Altitude: About 530 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay and blue mud	52	52	
Clay, brown, with small amount of sand and gravel	8	60	
Mississippian system:			
Chester series:			
Shale, gray	6	66	
Limestone, hard, gray	11	77	
Shale, limey, dark-gray	9	86	
Sandstone, white and blue	5	91	W.B.

Well 7/4W-10H1

Type of record: Driller's log. Altitude: About 540 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
No record	25	25	
Mississippian system:			
Chester series:			
Sandstone	----	25	
Shale	6	31	
Limestone	8	39	
Shale	6	45	
Sandstone	20	65	
Shale	50	115	
Limestone	16	131	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/4W-10H1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Mississippian system:			
Chester series:			
Shale	4	135	
Limestone	2	137	
Shale	19	156	

Well 7/4W-12E1

Type of record: Driller's log. Altitude: About 540 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay	18	18	
Mississippian system:			
Chester series:			
Shale, blue, and sandstone	15	33	W.B.
Limestone, gray	17	50	
Shale, green	3	53	
Meramec series:			
Limestone, gray	42	95	
Limestone, dark	35	130	
Limestone, hard, shelly, gray	80	210	

Well 7/4W-17J1

Type of record: Driller's log. Altitude: About 665 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil, quicksand, pea gravel	38	38	
Pennsylvanian system:			
Lower series:			
Shale	35	73	
Sandstone	4	77	W.B.
Shale	10	87	

Well 7/4W-18K1

Type of record: Driller's log. Altitude: About 520 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface, soft	17	17	
Mississippian system:			
Chester series:			
Shale	9	26	
Sandstone	2	28	
Limestone, muddy	32	60	W.B.

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/4W-19J1

Type of record: Driller's log. Altitude: About 545 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Surface	17	17	
Pennsylvanian system:			
Lower series:			
Shale, soft, slick	2	19	
Shale, boots, medium-gray	4	23	
Shale, sandy, gray	3.5	26.5	
Shale, soft, boots	3.5	30	
Shale, sandy, gray	2	32	
Shale, soft, boots, gray	3	35	
Mississippian system:			
Chester series:			
Shale, sandy, gray	20	55	
Sandstone, gray	2	57	
Limestone	18	75	W.B.

Well 7/4W-20A1

Type of record: Driller's log. Altitude: About 650 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay	8	8	
Pennsylvanian system:			
Lower series:			
Sandstone, with coal	4	12	"Bad water".
Shale	10	22	
Shale, sandy	28	50	
Sandstone	4	54	
Shale	21	75	
Mississippian system:			
Chester series:			
Limestone	8	83	
Shale	13	96	
Sandstone	19	115	
Limestone	12	127	

Well 7/4W-20M1

Type of record: Driller's log. Altitude: About 530 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	20	20	
Muck, blue	4	24	
Pennsylvanian? system:			
Lower? series:			
Shale, soft	2	26	
Shale, sandy, gray	8	34	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/4W-20M1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian? system:			
Lower? series:			
Shale, sandy, hard, gray--------	7	41	
Shale, soft, gray----------	2	43	
Shale, soft, black----------	1	44	
Sandstone, hard, gray----------	15	59	W.B.

Well 7/4W-22D1

Type of record: Driller's log. Altitude: About 650 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay, silty, blue-gray----------	44	44	
Mississippian system:			
Chester series:			
Limestone, gray----------	10	54	
Sandstone, yellow----------	38	92	W.B.
Limestone, gray----------	----	92	

Well 7/4W-27E1

Type of record: Driller's log. Altitude: About 650 feet.

Quaternary system:			
Recent and Pleistocene series:			
Soil----------	9	9	
Sandstone, yellow----------	5	14	
Sand and gravel----------	34	48	
Mud, gray----------	4	52	
Mud, green----------	10	62	
Mud, gray----------	5	67	
Boulder, gray----------	2	69	
Mud, yellow----------	5	74	
Mississippian system:			
Chester series:			
Shale, sandy, gray----------	1	75	
Sandstone, white----------	8	83	
Sandstone, reddish-yellow-------	7	90	
Sandstone, white----------	10	100	W.B.
Sandstone, brown----------	5	105	
Sandstone, white----------	4	109	

Well 7/4W-27N1

Type of record: Driller's log. Altitude: About 675 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface----------	8	8	
Sand----------	24	32	
Mud, blue----------	26	58	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/4W-27N1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian? system:			
Lower? series:			
Shale, sandy, gray	12	70	
Sandstone, gray	1.5	71.5	
Shale, boots, gray	27.5	99	

Well 7/4W-28H1

Type of record: Driller's log. Altitude: About 660 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	14	14	
Sand, gravel, and slabby boulders	26	40	
Pennsylvanian system:			
Lower series:			
Sandstone, hard	3	43	
Sandstone, soft	2.5	45.5	
Sandstone	.5	46	
Sandstone, extra soft	19	65	
Gravel	1	66	W.B. Conglomerate.

Well 7/4W-29P1

Type of record: Driller's log. Altitude: About 540 feet.

Quaternary system:			
Recent and Pleistocene series:			
Glacial till	25	25	
Mud, gravelly	50	75	
Pennsylvanian? system:			
Lower? series:			
Shale, sandy	15	90	
Sandstone, shaly	110	200	

Well 7/4W-31B1

Type of record: Driller's log. Altitude: About 530 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil	16	16	
Pennsylvanian system:			
Lower series:			
Shale, very soft, gray	33	49	
Shale, sandy, gray	7	56	
Sandstone	26	82	W.B.

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/4W-31K1

Type of record: Driller's log. Altitude: About 505 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay	5	5	
Gravel, rounded, and sand	15	20	
Mud, blue, and gravel	14.5	34.5	
Pennsylvanian system:			
Lower series:			
Sandstone, yellowish-brown	4.5	39	
Sandstone, yellow	9	48	
Sandstone, reddish	1	49	
Sand and gravel	2	51	W.B. Conglomerate.
Mississippian? system:			
Chester? series:			
Sandstone, hard, yellow	5	56	

Well 7/4W-33B1

Type of record: Driller's log. Altitude: About 730 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	12	12	
Pennsylvanian system:			
Lower series:			
Sandstone, red	9	21	
Shale, sandy, gray	2	23	
Sandstone, light-gray	3	26	
Sandstone, extra hard, yellow	2	28	
Sandstone, soft, yellow	.5	28.5	
Sandstone, extra hard, yellow	1.5	30	
Sandstone, soft, yellow	1	31	
Sandstone, moderately hard, gray	12	43	
Shale, sandy, light-gray	9	52	
Shale, sandy, boots, light-gray	2.5	54.5	
Sandstone, dark-gray	7	61.5	
Shale, sandy, dark-gray	1.5	63	
Sandstone, light-gray	24	87	
Shale, sandy, gray	10.5	97.5	
Sandstone, gray	1.5	99	
Shale, sandy, gray	15	114	
Shale, sandy, dark-gray	1	115	
Sandstone, light-gray	5	120	
Shale, sandy, gray	3	123	
Slate, black	7	130	
Sandstone, light-gray	7	137	
Shale, sandy, gray	26.5	163.5	
Sandstone, gray	2.5	166	
Shale, sandy, gray	6.5	172.5	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/4W-33B1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Mississippian? system:			
Chester? series:			
Sandstone, yellow	5	177.5	
Sandstone, light-gray	4.5	182	
Sandstone, yellow	18	200	W.B.

Well 7/4W-34C1

Type of record: Driller's log. Altitude: About 660 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand, dry	53	53	
Sand and mud	17	70	
Mississippian system:			
Chester series:			
Shale	17.5	87.5	
Cave	6.5	94	W.B.

Well 7/4W-34P1

Type of record: Driller's log. Altitude: About 690 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	5	5	
Pennsylvanian system:			
Lower series:			
Sandstone, red	11	16	
Sandstone, soft	11	27	
Shale, sandy, boots, gray	35	62	
Sandstone, gray	3	65	
Shale, sandy, boots, gray	5.5	70.5	
Sandstone, gray	2	72.5	
Shale, sandy, gray	31.5	104	
Mississippian system:			
Chester series:			
Sandstone, yellow	3	107	
Limestone	8	115	
Shale, sandy, gray	7	122	
Sandstone, yellow	45	167	
Limestone	19	186	
Shale, sandy, gray	1	187	
Limestone	4	191	
Sandstone, gray	4	195	
Shale, sandy, gray	6	201	
Sandstone, gray	1.5	202.5	
Sandstone, yellow	.5	203	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/5W-4D1

Type of record: Driller's log. Altitude: About 557 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand	40	40	
Gravel	3	43	
Pennsylvanian system:			
Lower series:			
Sandstone	37	80	
Slate, dark	23	103	
Sandstone, hard	12	115	
Sandstone	186	301	W.B.
Slate, dark	10	311	
Mississippian system:			
Chester series:			
Limestone	8	319	
Slate, light	2	321	
Limestone	19	340	
Shale, green, and slate	5	345	
Limestone	52	397	T.D. 3,214 feet.

Well 7/5W-7F1

Type of record: Driller's log. Altitude: About 510 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil	12	12	
Clay, very soft, gray	15	27	
Sand and mud	24	51	
Pennsylvanian system:			
Lower series:			
Sandstone	59	110	
Shale, gray	11	121	
Sandstone	20	141	
Shale, gray	33	174	
Sandstone	----	174	

Well 7/5W-8C1

Type of record: Driller's log. Altitude: About 510 feet.

Quaternary system:			
Recent and Pleistocene series:			
Soil, sandy	7	7	
Sand, red	2	9	W.B.
Sand, gray	15	24	W.B.
Sand, gray	6	30	W.B.
Mud, gray	----	30	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/5W-8R1

Type of record: Driller's log. Altitude: About 510 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Surface; sand, and gravel-------	17.5	17.5	
Pennsylvanian system:			
Lower series:			
Sandstone, soft, gray----------	1.5	19	
Shale, soft, dark----------	10.5	29.5	
Sandstone, gray----------	5	34.5	
Coal----------	1.5	36	
Fire clay, gray----------	1	37	
Sandstone, light-gray----------	14	51	
Sandstone, and gray, sandy shale	8	59	
Shale, dark, and brown limestone-	15	74	
Slate, black, and coal streak---	2	76	
Shale, sandy, gray----------	7	83	
Sandstone, gray----------	10	93	
Shale, sandy, gray----------	2.5	95.5	
Sandstone, and gray, sandy shale	3.5	99	
Coal----------	2	101	
Fire clay, dark----------	4	105	
Sandstone, medium-gray----------	5	110	
Shale, sandy, medium-gray-------	4	114	
Shale, gray, and brown limestone	7	121	

Well 7/5W-9M1

Type of record: Driller's log. Altitude: About 535 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface----------	6	6	
Pennsylvanian system:			
Lower series:			
Sandstone, yellow----------	4	10	
Shale, gray----------	6	16	
Sandstone, gray----------	13	29	
Shale, sandy, gray----------	3	32	
Sandstone, gray----------	.5	32.5	
Shale, sandy, gray----------	1.5	34	
Sandstone, gray----------	34	68	
Slate, black----------	4	72	
Coal----------	1	73	
Sandstone, gray----------	11	84	
Shale, sandy, gray----------	6	90	
Sandstone, gray----------	7	97	
Shale, sandy, boots, gray-------	10	107	
Shale, sandy, gray----------	5	112	
Sandstone, gray----------	20	132	
Shale, sandy, gray----------	3	135	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/5W-9M1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Lower series:			
Sandstone, light-gray----------	6	141	
Shale, sandy, gray----------	4	145	

Well 7/5W-10E1

Type of record: Driller's log. Altitude: About 590 feet.

Pennsylvanian system:			
Lower series:			
Sandstone, brown----------	20	20	
Shale, brown----------	10	30	
Sandstone, purple----------	22	52	
Shale, blue----------	18	70	
Sandstone----------	4	74	W.B.
Shale----------	6	80	
Shale, with bands of sandstone--	20	100	W.B.

Well 7/5W-12R1

Type of record: Driller's log. Altitude: About 620 feet.

Quaternary system:			
Recent and Pleistocene series:			
Soil----------	3	3	
Pennsylvanian system:			
Lower series:			
Sandstone----------	1	4	
Shale, sandy, brown----------	10	14	
Shale, dark-gray----------	8	22	
Shale, sandy, gray----------	3	25	
Sandstone, gray----------	1	26	
Shale, sandy, gray----------	8	34	
Sandstone, light-gray----------	1	35	
Shale, sandy, dark-gray---------	7	42	
Sandstone; and shale, hard------	5	47	
Shale, sandy, gray----------	42	89	
Shale, sandy, hard, gray--------	11	100	
Sandstone, yellowish-gray-------	27	127	
Sandstone, yellow----------	17	144	W.B.
Shale, sandy, gray----------	2	146	

Well 7/5W-13M1

Type of record: Driller's log. Altitude: About 620 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil and clay----------	15	15	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/5W-13M1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Lower series:			
Shale, sandy, blue and brown----	149	164	
Sandstone, white----------	2	166	W.B.
Shale----------	39	205	
Sandstone----------	1	206	W.B.
Shale----------	2	208	

Well 7/5W-13M2

Type of record: Driller's log. Altitude: About 630 feet.

Quaternary system:			
Recent and Pleistocene series:			
Soil----------	7	7	
Pennsylvanian system:			
Lower series:			
Sandstone, brown----------	2	9	
Clay, yellow----------	7	16	
Sandstone, yellowish----------	5	21	
Shale, sandy, gray----------	49.5	70.5	
Sandstone, hard, gray----------	2.5	73	
Sandstone, light-gray----------	9	82	
Shale, sandy, gray----------	64	146	
Sandstone, dark-gray----------	2	148	
Shale, sandy, gray----------	1.5	149.5	
Sandstone, light-gray----------	1.5	151	
Shale, sandy, gray----------	22	173	
Sandstone, gray----------	4	177	
Shale, sandy, gray----------	2	179	
Sandstone, light-gray----------	6	185	W.B.

Well 7/5W-14B1

Type of record: Driller's log. Altitude: About 705 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay and soil----------	14	14	
Pennsylvanian system:			
Lower series:			
Sandstone, shaly----------	10	24	
Sandstone, brown----------	76	100	
Shale----------	36	136	
Sandstone----------	2	138	W.B.
Shale----------	3	141	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/5W-14C1

Type of record: Driller's log. Altitude: About 700 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Surface	13	13	
Pennsylvanian system:			
Lower series:			
Sandstone, yellow	4	17	
Shale, white	2	19	
Sandstone, yellow	9	28	
Sandstone, yellow	7	35	
Sandstone, gray	3	38	
Shale, sandy, gray	52	90	
Sandstone, gray	15	105	
Sandstone, white	10	115	W.B.
Shale, sandy, gray	27	142	

Well 7/5W-14M1

Type of record: Driller's log. Altitude: About 670 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	2.5	2.5	
Pennsylvanian system:			
Lower series:			
Sandstone, brown	3.5	6	
Shale, sandy, brown	2	8	
Sandstone, reddish-brown	3.5	11.5	
Shale, sandy, brown	6.5	18	
Shale, sandy, gray	8	26	
Shale, gray	9	35	
Shale, sandy, gray	15	50	
Shale, gray	18	68	
Sandstone, gray	.5	68.5	
Shale, sandy, gray	10.5	79	
Sandstone, gray	2	81	
Shale, sandy, gray	2	83	
Sandstone, and gray, sandy shale	20	103	
Sandstone, medium-gray	10	113	
Shale, sandy, gray	1	114	
Coal	.5	114.5	
Fire clay	1	115.5	
Shale, sandy, light-gray	5.5	121	
Shale, gray	9	130	
Shale, sandy, dark-gray	30	160	
Coal	3	163	
Shale, dark	.5	163.5	
Sandstone, light-gray	10	173.5	
Limestone	----	173.5	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/5W-15B1

Type of record: Driller's log. Altitude: About 595 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Surface	12	12	
Pennsylvanian system:			
Lower series:			
Sandstone, brown	8	20	
Shale, blue	5	25	
Sandstone, gray	7	32	
Shale, sandy, gray	17	49	
Shale, black	3	52	
Shale, sandy, gray	39	91	
Sandstone, fine-grain, gray	19	110	W.B.
Shale, sandy, gray	16	126	
Shale, bluish-black	51	177	
Sandstone, black	3	180	
Shale, sandy, gray	12	192	
Mississippian? system:			
Chester? series:			
Sandstone, white	17	209	W.B.

Well 7/5W-15G1

Type of record: Driller's log. Altitude: About 590 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Surface	6	6	
Pennsylvanian system:			
Lower series:			
Sandstone, red	6	12	
Sandstone, gray	4	16	
Shale, sandy, gray	10	26	
Sandstone, gray	6	32	
Sandstone, white	4	36	
Shale, sandy, gray	9.5	45.5	
Coal	1	46.5	
Shale, sandy, light-gray	4.5	51	
Shale, sandy, gray	3	54	
Sandstone, gray	3	57	
Sandstone, white	3	60	
Shale, sandy, gray	5	65	
Sandstone, gray	30	95	W.B.
Shale, sandy, gray	13	108	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/5W-16A1

Type of record: Driller's log. Altitude: About 520 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand	45	45	
Clay, yellow	14.5	59.5	
Pennsylvanian system:			
Lower series:			
Shale, sandy, gray	17.5	77	
Shale, sandy, light-gray	9	86	
Sandstone, light-gray	22	108	W.B.

Well 7/5W-19C1

Type of record: Driller's log. Altitude: About 500 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	7	7	
Muck, blue	15	22	
Sand	2	24	
Muck, blue	48	72	
Sand, dark	6	78	
Hardpan	2	80	
Pennsylvanian system:			
Lower series:			
Shale, gray	5	85	
Sandstone, gray	26	111	
Shale, sandy, gray	3	114	
Sandstone, gray	20	134	
Sandstone, white	5	139	

Well 7/5W-19E1

Type of record: Driller's log. Altitude: About 510 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	20	20	
Hardpan, sand, and gravel	12	32	
Pennsylvanian system:			
Lower series:			
Sandstone, gray	16	48	W.B.
Coal	1	49	
Sandstone, white	6	55	

Well 7/5W-19M1

Type of record: Driller's log. Altitude: About 510 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	10	10	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/5W-19M1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, blue	35.5	45.5	
Pennsylvanian system:			
Lower series:			
Shale, sandy, dark-gray	7.5	53	
Sandstone, medium-light-gray	5	58	
Sandstone, gray	2	60	
Shale, sandy, boots, dark-gray	13	73	
Shale, sandy, boots, light-gray	6	79	
Coal	1	80	
Steel band	1	81	
Shale, sandy, gray	4	85	
Sandstone, gray	8	93	
Shale, sandy, gray	12	105	
Sandstone, gray	59	164	
Slate, black	5	169	
Sandstone, dark-gray	6	175	
Shale, sandy, light-gray	3	178	
Shale, sandy, gray	11	189	
Shale, sandy, dark-gray	1	190	
Sandstone, hard, dark-gray	2	192	
Shale, sandy, gray	10	202	
Sandstone, gray	12	214	

Well 7/5W-19P2

Type of record: Driller's log. Altitude: About 525 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil and clay	14	14	
Pennsylvanian system:			
Lower series:			
Shale, blue	2	16	
Slate, trace of coal	8.5	24.5	
Fire clay	3.5	28	
Shale, limey, gray	7	35	
Limestone	1.5	36.5	
Shale, blue, with some slate	8.5	45	
Shale, black	4	49	
Limestone	1	50	
Shale, gray	16	66	
Shale, brown	24	90	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/5W-20G1

Type of record: Driller's log. Altitude: About 550 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Surface	12	12	
Hardpan	20	32	
Sand	2	34	
Clay, blue	10.5	44.5	
Pennsylvanian system:			
Lower series:			
Sandstone, gray	2.5	47	
Shale, soft, with sandstone streaks	12.5	59.5	
Sandstone, yellow	2	61.5	
Sandstone, light-gray	10.5	72	
Shale, sandy, gray	3	75	
Sandstone, gray	2	77	
Shale, sandy, gray	6	83	
Sandstone, light-gray	9	92	
Shale, sandy, light-gray	2.5	94.5	
Sandstone, light-gray	2.5	97	
Shale, sandy, gray	4	101	
Sandstone, light-gray	6	107	
Shale, sandy, gray	1	108	
Sandstone, white	3	111	W.B.
Sandstone, gray	4	115	W.B.
Shale, sandy, gray	1.5	116.5	
Sandstone, gray	1.5	118	W.B.

Well 7/5W-20J1

Type of record: Driller's log. Altitude: About 530 feet.

Quaternary system:			
Recent and Pleistocene series:			
Fill and soil	9	9	
Sand and clay	8	17	
Mud, blue, and gravel	5	22	
Clay?, soft, blue	2	24	
Clay	3	27	
Pennsylvanian system:			
Lower series:			
Shale, soft, light-gray	4	31	
Sandstone, soft, white	6	37	
Shale, sandy, hard, gray	3	40	
Sandstone, with shale streaks	8	48	
Sandstone, light-gray	2	50	
Coal	1	51	
Shale, sandy, white	4	55	
Sandstone, hard, white	4	59	
Shale, sandy, white	2	61	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/5W-20J1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Lower series:			
Shale, gray	4	65	
Coal	1	66	
Shale, gray	1	67	
Shale, sandy, dark-gray	24	91	
Sandstone, gray	----	91	

Well 7/5W-20K1

Type of record: Driller's log. Altitude: About 545 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil and clay	18.5	18.5	
Pennsylvanian system:			
Lower series:			
Shale	1.5	20	
Sandstone	46	66	W.B.
Coal	1	67	

Well 7/5W-20N1

Type of record: Driller's log. Altitude: About 535 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface clay	19	19	
Pennsylvanian system:			
Lower series:			
Coal, trace	----	19	
Clay, blue	5	24	
Shale, sandy, gray	1	25	
Sandstone, light-gray	9	34	
Shale, dark-gray	6	40	
Coal	2.5	42.5	
Fire clay	.5	43	
Sandstone, light-gray	2	45	
Shale, sandy, gray	11	56	
Shale, gray	1.5	57.5	
Shale, sandy, light-gray	6.5	64	
Sandstone, light-gray	16	80	
Coal	.5	80.5	
Sandstone, light-gray	10.5	91	
Coal	----	91	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/5W-20P1

Type of record: Driller's log. Altitude: About 545 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
No record	132	132	
Pennsylvanian system:			
Lower series:			
Sandstone, light-gray	1	133	
Shale, sandy, gray	3.5	136.5	
Sandstone, light-gray	6.5	143	
Shale, sandy, and gray sandstone	13	156	
Shale, hard, gray	6	162	
Shale, limey, gray	6	168	
Coal, trace	----	168	
Sandstone, light-gray	7	175	
Shale, sandy, brownish-gray	3	178	
Shale, sandy, gray	1	179	
Sandstone, gray	4	183	
Shale, sandy, gray	1	184	
Sandstone, light-gray	2	186	
Shale, sandy, light-gray	3	189	
Shale, soft, gray	8	197	
Shale, sandy, gray	6	203	
Sandstone, medium-gray	14	217	
Shale, sandy, gray	4	221	
Shale, sandy, light-gray	3	224	
Shale, sandy, gray	13	237	
Shale, soft, gray	5	242	
Shale, gray	3	245	
Sandstone, light-gray	3	248	
Shale, sandy, soft, light-gray	2	250	
Sandstone, gray	2	252	
Shale, sandy, and gray sandstone	8	260	
Sandstone, gray	3	263	
Shale, sandy, gray	----	263	

Well 7/5W-21G1

Type of record: Driller's log. Altitude: About 495 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay and sand	15	15	
Gravel	12	27	W.B.
Mud	4	31	W.B.
Gravel	17.5	48.5	W.B.
Sand	5	53.5	W.B.
Gravel	.5	54	W.B.
Pennsylvanian system:			
Lower series:			
Shale, sandy, gray	----	54	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/5W-21L2

Type of record: Driller's log. Altitude: About 545 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Surface	15	15	
Sandstone boulders, red	3	18	
Pennsylvanian system:			
Lower series:			
Shale, soft, gray	7	25	
Sandstone, gray	4.5	29.5	
Sandstone, white	1.5	31	
Shale, sandy, gray	5	36	
Sandstone, light-gray	6	42	
Sandstone, white	7	49	
Shale, sandy, gray	6	55	
Sandstone, white	10	65	
Shale, sandy, light-gray	4	69	
Sandstone, white	9	78	
Shale, sandy, gray	5	83	
Sandstone, gray	26	109	
Shale, sandy, gray	7	116	
Sandstone, light-gray	5	121	
Shale, sandy, boots, gray	20	141	
Shale, dark-gray	12	153	
Coal	3	156	
Fire clay, sandy	2	158	
Sandstone, white	8	166	

Well 7/5W-21M2

Type of record: Driller's log. Altitude: About 530 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay?, soft, and mud	80	80	
Pennsylvanian system:			
Lower series:			
Shale, solid	10	90	
Limestone and sandstone	33	123	

Well 7/5W-21N1

Type of record: Driller's log. Altitude: About 520 feet.

Quaternary system:			
Recent and Pleistocene series:			
Soil	23	23	
Pennsylvanian system:			
Lower series:			
Shale	17	40	
Sandstone	8	48	
Steel band	1.5	49.5	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/5W-21N1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Lower series:			
Shale, black, and slate	2.5	52	
Shale	9	61	
Coal	1	62	
Steel band	1.5	63.5	
Shale, gray, and limestone	4.5	68	
Sandstone	14	82	
Shale, blue, and sandstone	14	96	
Fire clay	4	100	

Well 7/5W-21P1

Type of record: Driller's log. Altitude: About 520 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface and blue mud	29.5	29.5	
Sandstone boulder	4	33.5	
Clay	4.5	38	
Pennsylvanian system:			
Lower series:			
Sandstone, soft, yellow	3	41	
Sandstone, soft, white	1	42	
Sandstone, light-yellow	4	46	
Shale, sandy, dark-gray	4	50	
Sandstone, light-gray	10	60	
Shale, gray, and mud	7	67	
Clay?, yellow	3	70	
Sandstone, light-yellow	10	80	W.B.
Sandstone, white	20	100	W.B.

Well 7/5W-24B1

Type of record: Driller's log. Altitude: About 530 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	6	6	
Clay, gray	16	22	
Mud, blue	25	47	
Pennsylvanian system:			
Lower series:			
Shale, gray	2.5	49.5	
Shale, sandy, light-gray	10.5	60	
Sandstone, red	1	61	W.B.
Sandstone, red and gray	15	76	W.B.

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/5W-25D1

Type of record: Driller's log. Altitude: About 610 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Soil	14	14	
Pennsylvanian system:			
Lower series:			
Shale, very soft	6	20	
Shale, sandy, soft, gray	9.5	29.5	
Sandstone, gray	1	30.5	
Shale, sandy, gray	32.5	63	
Sandstone, medium-gray, with shale streaks	10	73	
Shale, sandy, gray	3.5	76.5	
Coal	2.5	79	
Fire clay	1	80	
Sandstone, light-gray	16	96	
Sandstone, gray	6	102	
Sandstone, blue	10	112	
Shale, sandy, gray	3	115	
Sandstone, blue	2	117	
Shale, sandy, light-gray	9	126	
Coal	.5	126.5	
Shale, sandy, sticky, light-gray	13.5	140	
Sandstone, gray	3	143	
Shale, sandy, gray	2	145	
Sandstone, light-grayish-brown	5	150	
Shale, sandy, gray	32	182	
Slate, with coal streaks	1	183	
Sandstone, light-gray	2	185	
Shale, sandy, light-gray	11	196	
Shale, sandy, gray	30	226	
Mississippian? system:			
Chester? series:			
Sandstone	14	240	W.B.

Well 7/5W-25K1

Type of record: Driller's log. Altitude: About 610 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, sandy	15	15	
Pennsylvanian system:			
Lower series:			
Shale, sticky, dark	2	17	
Sandstone, gray	.5	17.5	
Shale, sandy, light-gray	5.5	23	
Sandstone, light-gray	1.5	24.5	
Shale, soft, gray	6.5	31	
Coal	.5	31.5	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/5W-25K1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Lower series:			
Shale, light-gray	5.5	37	
Shale, dark-gray	15	52	
Shale, gray	11	63	
Coal	1	64	
Shale, sandy, gray	3	67	
Sandstone, light-gray	1	68	
Shale, sandy, light-gray	4	72	
Shale, boots, gray	8	80	
Coal, trace	----	80	
Shale, sandy, light-gray	8	88	
Slate and coal	2	90	
Shale, sandy, light-gray	10	100	
Shale, limey, gray	8	108	
Shale, boots, dark-gray	3.5	111.5	
Shale, sandy, light-gray	8.5	120	
Shale, boots, gray	3	123	
Shale, sandy, gray	5	128	
Sandstone, gray	2	130	
Shale, sandy, gray	5	135	
Shale, sandy, light-gray	12	147	
Sandstone, medium-gray	11	158	
Shale, sandy, gray	73	231	
Mississippian? system:			
Chester? series:			
Limestone	1.5	232.5	
Shale, sandy, gray	23.5	256	
Sandstone and sandy shale	16	272	
Sandstone	3	275	W.B.

Well 7/5W-25M1

Type of record: Driller's log. Altitude: About 500 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface and sand	11	11	
Pennsylvanian system:			
Lower series:			
Sandstone	1	12	
Shale, slick, white	4	16	
Shale, slick, gray	8	24	
Shale, sandy, medium-gray	17	41	
Shale, sandy, gray	7.5	48.5	
Sandstone, dark	1	49.5	
Sandstone, gray	13.5	63	
Shale, sandy, hard, gray	9	72	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/5W-26E1

Type of record: Driller's log. Altitude: About 540 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand	15	15	
Quicksand	57	72	
Mud, blue	28	100	
Sand	8	108	W.B.

Well 7/5W-27G1

Type of record: Driller's log. Altitude: About 570 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Surface	15	15	
Hardpan	4	19	
Pennsylvanian system:			
Lower series:			
Shale, sandy, dark-gray	2	21	
Shale, sandy, gray	46	67	
Sandstone, gray	7	74	
Sandstone, light-gray	2	76	
Sandstone, gray	25	101	
Shale, gray	12	113	
Sandstone, gray	2	115	
Shale, gray	2	117	
Sandstone, gray	23	140	W.B.

Well 7/5W-27G2

Type of record: Driller's log. Altitude: About 565 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay and sand	38	38	
Pennsylvanian system:			
Lower series:			
Shale	34	72	
Sandstone	11	83	
Shale	10	93	
Sandstone	3	96	W.B.
Shale	8	104	

Well 7/5W-30B1

Type of record: Driller's log. Altitude: About 560 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
No record	85	85	
Pennsylvanian system:			
Lower series:			
Shale, dark-gray	27	112	
Shale, soft, dark	3	115	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/5W-30B1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Lower series:			
Sandstone, white	2	117	W.B.
Sandstone, blue	2	119	W.B.
Sandstone, light-gray	7	126	W.B.
Shale, sandy, gray	5	131	W.B.
Sandstone, white	9	140	W.B.
Sandstone, gray	4	144	W.B.
Shale, sandy, gray	3	147	W.B.

Well 7/5W-31P1

Type of record: Driller's log. Altitude: About 565 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand and quicksand	80	80	
Sandstone	6	86	
Earth with boulders	3	89	
Pennsylvanian system:			
Lower series:			
Sandstone, hard	93	182	

Well 7/5W-32G1

Type of record: Driller's log. Altitude: About 560 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Surface	11	11	
Pennsylvanian system:			
Lower series:			
Sandstone	9	20	
Shale, sandy, gray	2	22	
Coal	.5	22.5	
Shale, sandy, gray	6.5	29	
Coal	1	30	
Fire clay	5	35	
Shale, soft, white	5	40	
Shale, dark	5.5	45.5	
Slate, black	2.5	48	
Coal	2.5	50.5	
Fire clay	1.5	52	
Shale, sandy, light-gray	2	54	
Sandstone, light-gray	2.5	56.5	
Shale, boots, light-gray	5	61.5	
Shale, gray	.5	62	
Shale, sandy, dark-gray	11	73	
Shale, sandy, and light-gray sandstone	9	82	
Shale, sandy, gray	10	92	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/5W-32G1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Lower series:			
Sandstone, medium-gray	6	98	
Shale, sandy, medium-gray	6	104	
Sandstone, gray	1	105	
Coal	2	107	
Sandstone, light-gray	5	112	
Shale, sandy, gray	4.5	116.5	
Sandstone, light-gray	16	132.5	
Shale, sandy, gray	3	135.5	
Sandstone, gray	4.5	140	
Shale, sandy, dark-gray	12	152	
Sandstone, dark-gray	2	154	
Shale, sandy, gray	1	155	
Sandstone, light-gray	6.5	161.5	
Shale, sandy, dark-gray	9.5	171	

Well 7/5W-35B1

Type of record: Driller's log. Altitude: About 500 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay	30	30	
Pennsylvanian system:			
Lower series:			
Sandstone; coal	24	54	
Shale	42	96	
Sandstone; coal	5	101	
Shale	24	125	

Well 7/5W-35K1

Type of record: Driller's log. Altitude: About 535 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Surface	6	6	
Clay, sandy	16	22	
Mud, blue, and gravel	6	28	
Pennsylvanian system:			
Lower series:			
Shale, soft, blue	5	33	
Shale, soft, gray	4	37	
Coal	.5	37.5	W.B.
Fire clay	.5	38	
Shale, soft, light-gray	8	46	
Shale, sandy, light-gray	6	52	
Sandstone, gray	8.5	60.5	
Coal and dirty band	1.5	62	
Shale, soft, gray	4	66	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/5W-35K1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Lower series:			
Limestone, brown	.5	66.5	
Shale, light-gray, and brown limestone streak	1.5	68	
Shale, light-gray	3	71	
Shale, sandy, light-gray	3	74	
Sandstone, gray, and shale streak	5.5	79.5	
Shale, sandy, gray	1	80.5	
Mississippian system:			
Chester series:			
Limestone, white	2.5	83	
Shale, sandy, gray	9	92	
Limestone and green shale streaks	3	95	
Sandstone, white	27	122	W.B.
Limestone	3	125	W.B.

Well 7/5W-36M1

Type of record: Driller's log. Altitude: About 570 feet.

Quaternary system:			
Recent and Pleistocene series:			
Quicksand	55	55	
Clay?, soft, and mud	14.5	69.5	
Sand, gray	10	79.5	
Mississippian system:			
Chester series:			
Limestone	2.5	82	
Shale, limey	7.5	89.5	
Shale, limey, and sandy shale	19.5	109	
Limestone	5	114	
Shale	30	144	

Well 7/6W-1P1

Type of record: Driller's log. Altitude: About 580 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	8	8	
Pennsylvanian system:			
Lower series:			
Sandstone, soft	10	18	
Shale, gray	3.5	21.5	
Coal	1	22.5	
Fire clay	2	24.5	
Sandstone, white	2.5	27	
Shale, white	27	54	
Shale, sandy, gray	16	70	
Shale, sandy, white	4	74	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/6W-1P1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Lower series:			
Shale, sandy, gray	2	76	
Limestone	2	78	
Slate, black	5	83	
Blackjack	2	85	
Sandstone, white	10	95	W.B.

Well 7/6W-1Q1

Type of record: Driller's log. Altitude: About 530 feet.

Quaternary system:			
Recent and Pleistocene series:			
Soil and clay	10	10	
Pennsylvanian system:			
Lower series:			
Sandstone, shaly	10	20	
Coal	.7	20.7	
Sandstone, hard	3.3	24	

Well 7/6W-2B1

Type of record: Driller's log. Altitude: About 595 feet.

Quaternary system:			
Recent and Pleistocene series:			
Soil and clay	11	11	
Pennsylvanian system:			
Lower series:			
Coal formation	7	18	
Fire clay	2	20	
Shale, and layers of limestone	60	80	

Well 7/6W-5N1

Type of record: Driller's log. Altitude: About 540 feet.

Quaternary system:			
Recent and Pleistocene series:			
Soil	8	8	
Sand and gravel	11	19	
Pennsylvanian system:			
Lower series:			
Shale, soft	6	25	
Shale, gray	3.5	28.5	
Sandstone, brown	4	32.5	
Sandstone, yellow	9.5	42	
Coal	1	43	
Shale, sandy, gray	2	45	
Sandstone, light-gray	26	71	
Shale, sandy, gray	2	73	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/6W-5N1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Lower series:			
Coal	1	74	
Fire clay	2	76	
Shale, sandy, light-gray	2	78	
Sandstone, gray	----	78	

Well 7/6W-6D1

Type of record: Driller's log. Altitude: About 530 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	14	14	
Gravel	3	17	
Pennsylvanian system:			
Middle series:			
Shale, soft, gray	9	26	Trace of coal at 18 feet.
Shale, sandy, gray	11	37	
Sandstone, light-gray	21	58	Trace of coal at 53 feet.
Sandstone, gray	3	61	
Lower series:			
Coal and slate	4	65	W.B.
Shale, gray	3	68	
Coal and slate	2	70	W.B.
Sandstone, gray	3	73	
Shale, sandy, gray	7	80	
Sandstone, bluish-gray	35	115	
Coal soft	1	116	W.B.
Shale, sandy, soft, gray	5	121	
Shale, sandy, hard, gray	19	140	

Well 7/6W-7G1

Type of record: Driller's log. Altitude: About 550 feet.

Quaternary system:			
Recent and Pleistocene series:			
Soil and clay	20	20	
Pennsylvanian system:			
Middle series:			
Sandstone, light-yellow, and sandy shale	4	24	
Shale, blue	18	42	
Rock, very hard	1.5	43.5	
Coal	1	44.5	
Fire clay	7.5	52	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/6W-12H1

Type of record: Driller's log. Altitude: About 525 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Surface	22	22	
Pennsylvanian system:			
Lower series:			
Shale, soft	3	25	
Slate, black	2.5	27.5	
Coal	1	28.5	
Fire clay	6	34.5	
Shale, gray	3.5	38	
Slate, black	2	40	
Coal	1.5	41.5	
Fire clay	1	42.5	
Shale, sandy, light-gray	1.5	44	
Shale, sandy, gray	5	49	
Sandstone, gray	17	66	
Shale, sandy, hard, gray	5	71	
Sandstone, light-gray	14	85	
Shale, sandy, gray	2	87	
Sandstone, gray	4	91	
Sandstone, light-gray	1	92	
Sandstone, gray	2	94	
Sandstone, light-gray	18	112	
Shale, sandy, gray	24	136	

Well 7/6W-14A1

Type of record: Driller's log. Altitude: About 505 feet.

No record	91	91	
Pennsylvanian system:			
Lower series:			
Shale, soft, gray	5	96	
Sandstone, light-gray	1	97	
Shale, dark-gray	1	98	
Shale, sandy, dark-gray	2	100	
Sandstone, gray	3	103	
Shale, sandy, gray	2	105	
Sandstone, light-gray	15	120	

Well 7/6W-14N2

Type of record: Driller's log. Altitude: About 540 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	20	20	
Mud, green	4	24	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/6W-14N2--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Lower series:			
Coal	.5	24.5	
Fire clay and coal	2.5	27	
Shale, light-gray	9.5	36.5	
Shale, gray	9.5	46	
Sandstone, light-gray	1	47	
Shale, medium-gray	8	55	
Shale, gray	7.5	62.5	
Coal	1.5	64	
Shale, boots, gray	6	70	
Shale, dark-gray	1	71	
Shale, sandy, gray	6	77	
Shale, soft, light-gray	2	79	
Shale, soft, gray	2	81	
Slate, dark	4	85	
Shale, greenish-gray	2.5	87.5	
Limestone, brown	2	89.5	
Slate, black	9.5	99	
Shale, sandy, boots, dark-gray	12	111	
Shale, sandy, gray	17	128	
Sandstone, light-gray	4	132	
Shale, sandy, gray	3	135	
Sandstone, light-gray	32	167	W.B.
Coal	----	167	

Well 7/6W-15B1

Type of record: Driller's log. Altitude: About 550 feet.

Quaternary system:			
Recent and Pleistocene series:			
Soil and clay	9	9	
Pennsylvanian system:			
Lower series:			
Shale	37	46	
Limestone; hard rock	4	50	
Coal	1.5	51.5	
Fire clay	.5	52	

Well 7/6W-15J1

Type of record: Driller's log. Altitude: About 550 feet.

Quaternary system:			
Recent and Pleistocene series:			
Soil and clay	10	10	
Pennsylvanian system:			
Lower series:			
Shale, black	25	35	
Coal	2.7	37.7	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/6W-15J1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Lower series:			
Fire clay	.3	38	

Well 7/6W-15M2

Type of record: Driller's log. Altitude: About 572 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay	18	18	
Muck, dark-gray	29	47	
Pennsylvanian system:			
Lower series:			
Shale, gray	7	54	
Shale, sandy, dark	11	65	W.B.
Shale, gray	9	74	
Sandstone, broken	21	95	
Shale, gray	3	98	
Limestone, brown	3	101	
Shale, muddy, dark	22	123	
Shale, gray	11	134	
Sandstone	76	210	W.B.
Sandstone and shale	30	240	
Sandstone	41	281	
Sandstone, hard, sharp	18	299	
Mississippian system:			
Chester series:			
Shale, dark	4	303	
Limestone, brown	7	310	
Shale, dark	4	314	
Limestone	2	316	
Shale, dark	3	319	
Limestone	3	322	
Sandstone, broken	18	340	
Shale, gray	9	349	
Limestone	19	368	
Shale, dark	10	378	
Sandstone, broken	10	388	
Shale, grayish-green	9	397	
Shale, red	11	408	T.D. 1,739 feet.

Well 7/6W-15R1

Type of record: Driller's log. Altitude: About 540 feet.

Quaternary system:			
Recent and Pleistocene series:			
Soil	4	4	
Hardpan	14	18	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/6W-15R1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Lower series:			
Shale, sticky, gray	5	23	
Shale, gray	3	26	
Coal	1	27	W.B.
Fire clay	1	28	
Shale, soft, boots, light-gray	5	33	
Shale, soft, boots, dark-gray	9	42	
Shale, dark-gray	2	44	
Shale, gray	3	47	
Shale, sandy, light-gray	4	51	
Shale, sandy, gray	9	60	
Shale, dark-gray	13	73	
Shale, hard, dark-gray	1	74	
Coal	1	75	
Fire clay	.5	75.5	
Sandstone, hard, white	.5	76	
Shale, sandy, white	2	78	
Shale, sandy, light-gray	3	81	
Shale, sandy, light-gray, with coal streaks	4	85	
Shale, dark-gray	1	86	
Shale, gray	2.5	88.5	
Sandstone, hard, brown	3.5	92	
Shale, dark-gray	7	99	
Shale, sandy, gray	1	100	

Well 7/6W-16J1

Type of record: Driller's log. Altitude: About 590 feet.

Quaternary system:			
Recent and Pleistocene series:			
Soil and clay	10	10	
Pennsylvanian system:			
Lower series:			
Shale, soft	25	35	
Coal	1.6	36.6	
Fire clay	6	42.6	
Coal	1.4	44	

Well 7/6W-16P1

Type of record: Driller's log. Altitude: About 555 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	19.5	19.5	
Pennsylvanian system:			
Middle series:			
Sandstone	2	21.5	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/6W-16P1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Middle series:			
Coal	1.5	23	
Shale, soft, gray	20	43	
Shale, sandy, gray	2.5	45.5	
Sandstone, gray	1.5	47	
Shale, sandy, gray	3	50	
Shale, sandy, dark-gray	2	52	
Sandstone, dark-gray	11	63	
Lower? series:			
Slate, black	5	68	
Coal	1.5	69.5	
Shale, soft, gray	2.5	72	
Shale, soft, white	3.5	75.5	
Shale, soft, brown	1.5	77	
Sandstone, brown	2	79	
Sandstone, gray	8	87	
Shale, sandy, gray	12.5	99.5	
Sandstone, gray	1	100.5	
Shale, sandy, gray	4	104.5	
Coal	1	105.5	
Fire clay	2.5	108	
Shale, sandy, soft, light-gray	2	110	
Shale, sandy, hard, dark-gray	12	122	
Shale, sandy, gray	3	125	
Sandstone, light-gray	2	127	
Shale, sandy, gray	14	141	
Coal	1	142	
Shale, sandy, gray	5	147	
Sandstone, light-gray	3	150	
Sandstone, gray	5	155	
Shale, sandy, gray	7	162	
Shale, light-gray	3	165	
Shale, sandy, gray	.5	165.5	
Steel band	3.5	169	
Slate, black	9	178	
Shale, sandy, gray	20	198	
Sandstone, gray	15	213	

Well 7/6W-17F1

Type of record: Driller's log. Altitude: About 520 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface and quicksand	18	18	
Pennsylvanian system:			
Middle series:			
Sandstone, brown	5	23	
Sandstone, gray and white	23	46	W.B.

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/6W-17L1

Type of record: Driller's log. Altitude: About 520 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Top soil and quicksand----------	25	25	
Pennsylvanian system:			
Middle series:			
Sandstone, brown----------	10	35	
Sandstone, brown and gray-------	7	42	W.B.
Sandstone, gray and white-------	9	51	
Shale, blue----------	1	52	

Well 7/6W-18N1

Type of record: Driller's log. Altitude: About 550 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface----------	11.5	11.5	
Pennsylvanian system:			
Middle series:			
Slate, black----------	1	12.5	
Coal----------	2.5	15	
Fire clay----------	1	16	
Sandstone, gray----------	12	28	
Shale, sandy, boots, gray-------	10	38	
Slate, black----------	9	47	
Fire clay----------	2	49	
Sandstone, gray----------	8	57	
Slate, black----------	1.5	58.5	
Coal----------	.5	59	
Fire clay----------	2	61	
Shale, gray----------	4	65	
Shale, brown----------	3	68	
Coal----------	2	70	
Fire clay----------	3	73	
Sandstone, light-gray----------	10	83	
Sandstone, soft, gray----------	4	87	
Sandstone, gray----------	18	105	
Shale, sandy, boots, dark-gray--	10	115	
Sandstone, hard, gray----------	1	116	
Lower series:			
Slate, black----------	4	120	
Coal----------	1.5	121.5	
Sandstone, gray----------	21.5	143	W.B.
Sandstone, white----------	5	148	W.B.
Sandstone, gray----------	7	155	W.B.

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/6W-19D1

Type of record: Driller's log. Altitude: About 550 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Surface	18	18	
Pennsylvanian system:			
Middle series:			
Slate, black	1.5	19.5	
Coal	2.5	22	
Fire clay	.5	22.5	
Shale, sandy, gray	1	23.5	
Sandstone, gray	7.5	31	
Shale, sandy, gray	4	35	
Shale, boots, gray	9	44	
Slate, black	10	54	
Coal	.5	54.5	
Fire clay	2	56.5	
Shale, sandy, gray	7.5	64	
Slate, black	2.5	66.5	
Coal	.5	67	
Shale, sandy, gray	1	68	
Shale, light-gray	1	69	
Shale, sandy, gray	1	70	
Shale, soft, brown	14	84	
Shale, sandy, gray	3	87	
Sandstone, gray	4	91	
Shale, sandy, gray	1	92	
Coal	.5	92.5	
Shale, sandy, light-gray	2	94.5	
Shale, sandy, gray	2	96.5	
Sandstone, gray	1.5	98	
Shale, sandy, gray	2	100	
Sandstone, gray	2	102	
Shale, sandy, gray	2	104	
Sandstone, gray	1	105	
Shale, sandy, gray	2	107	
Sandstone, gray	2	109	
Shale, sandy, gray	3	112	
Shale, sandy, dark-gray	10	122	
Sandstone, gray	1.5	123.5	
Shale, sandy, dark-gray	1.5	125	
Lower series:			
Slate, black	2	127	
Coal	1	128	
Shale, sandy, gray	2	130	
Sandstone, gray	20	150	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/6W-19M1

Type of record: Driller's log. Altitude: About 495 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Top soil	14	14	
Pennsylvanian system:			
Middle series:			
Fire clay	3	17	
Shale, gray	28	45	
Coal	2	47	
Shale, gray	9	56	
Shale, sandy	29	85	
Sandstone	25	110	W.B.

Well 7/6W-20A1

Type of record: Driller's log. Altitude: About 545 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Surface	19	19	
Pennsylvanian system:			
Middle series:			
Sandstone, buff	2	21	
Sandstone, gray	3	24	
Shale, sandy, light-gray	1	25	
Sandstone, light-gray	4	29	
Shale, sandy, light-gray	12	41	
Shale, gray	4.5	45.5	
Steel band, steel-gray	2.5	48	
Coal and slate	2	50	
Shale, soft, boots, gray	10	60	
Shale, sandy, boots, greenish-gray	7	67	
Limestone, brown	.5	67.5	
Shale, sandy, gray	2	69.5	
Shale, sandy, greenish-gray	1.5	71	
Slate, hard, dark	22	93	
Shale, dark-gray	8	101	
Shale, sandy, gray	5.5	106.5	
Sandstone and gray, sandy shale	4.5	111	
Sandstone, light-gray	4	115	
Shale, sandy, gray	12	127	
Sandstone, light-gray	4	131	
Sandstone, white	14	145	Trace of coal at 144 feet.
Lower series:			
Shale, hard, dark	7	152	
Coal	----	152	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/6W-20A2

Type of record: Driller's log. Altitude: About 550 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Surface	15	15	
Pennsylvanian system:			
Middle series:			
Sandstone, dark-red	2	17	
Shale, gray	15	32	
Sandstone, white	19	51	
Shale, gray	10	61	
Slate, black	4.5	65.5	
Coal	1	66.5	
Fire clay	4.5	71	
Sandstone, gray	10	81	W.B.
Shale, sandy, dark	34	115	
Lower? series:			
Coal	1	116	W.B.
Shale, sandy, gray	7	123	

Well 7/6W-20B1

Type of record: Driller's log. Altitude: About 535 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay and sand	15	15	
Pennsylvanian system:			
Middle series:			
Sandstone, brown	.5	15.5	
Shale, sandy, brown	.5	16	
Sandstone, brown	1	17	
Shale, sandy, greenish-gray	5	22	
Shale, sandy, light-gray	6	28	
Shale, gray	4	32	
Shale, dark-gray	2	34	
Limestone	.5	34.5	
Slate, black, and coal streaks	3.5	38	
Fire clay	3.5	41.5	
Shale, sandy, gray	6.5	48	
Shale, boots, gray	11	59	
Shale, hard, dark	26.5	85.5	
Lower? series:			
Coal	2	87.5	
Shale, sandy, gray	1	88.5	
Coal	.5	89	
Fire clay, dark	2	91	
Shale, sandy, medium-gray	11.5	102.5	
Shale, sandy, gray, trace of coal	9.5	112	
Shale, sandy, gray	3	115	
Shale, sandy, light-gray	1	116	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/6W-20B1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Lower? series:			
Sandstone, light-gray	18.5	134.5	
Coal	.5	135	
Sandstone, dark-gray	7.5	142.5	Trace of coal at 142 feet.
Shale, sandy, dark-gray	2.5	145	
Sandstone, gray	1.5	146.5	
Coal, trace	----	146.5	
Shale, sandy, light-gray	8.5	155	
Shale, sandy, gray	5	160	

Well 7/6W-20M1

Type of record: Driller's log. Altitude: About 485 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay, sandy	20	20	
Gravel, coarse	25	45	W.B.
Sand	6	51	W.B.
Clay, blue	12	63	
Pennsylvanian system:			
Lower series:			
Shale	----	63	

Well 7/6W-20N1

Type of record: Driller's log. Altitude: About 485 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay	38	38	
Gravel, coarse	4	42	W.B.
Gravel, coarse, and sand	6	48	W.B.
Sand, fine, and gravel	16	64	W.B.

Well 7/6W-20N4

Type of record: Driller's log. Altitude: About 485 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay, yellow	10	10	
Clay, blue	29	39	
Gravel	2	41	W.B.
Gravel and sand	11	52	W.B.
Sand, coarse	8	60	W.B.
Gravel	8	68	W.B.
Pennsylvanian system:			
Lower series:			
Rock	----	68	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/6W-20N5

Type of record: Driller's log. Altitude: About 485 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, yellow	10	10	
Clay, blue	28	38	
Gravel, dirty	3	41	W.B.
Gravel	10	51	W.B.
Sand	7	58	W.B.
Gravel	10	68	W.B.

Well 7/6W-20Q1

Type of record: Driller's log. Altitude: About 490 feet.

Quaternary system:			
Recent and Pleistocene series:			
Muck, black	100	100	
Pennsylvanian systme:			
Lower series:			
Sandstone and shale	44	144	
Limestone?	12	156	
Coal	6	162	
Sandstone and shale	22	184	

Well 7/6W-21B1

Type of record: Driller's log. Altitude: About 600 feet.

Quaternary system:			
Recent and Pleistocene series:			
Soil	10	10	
Hardpan	3	13	
Blackjack	2	15	
Gravel and shale (clay?)	4	19	
Pennsylvanian system:			
Middle series:			
Shale, boots, light-gray	13	32	
Sandstone, gray	5	37	
Shale, sandy, gray	1	38	
Sandstone, dark-gray	2	40	
Shale, sandy, dark-gray	7	47	
Lower series:			
Slate, black	5	52	
Coal	1	53	
Fire clay	4	57	
Sandstone, soft, white	4	61	
Shale, sandy, white	16	77	
Shale, sandy, gray	10	87	
Sandstone, gray	.5	87.5	
Shale, sandy, gray	22.5	110	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/6W-21B1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Lower series:			
Shale, sandy, dark-gray	15	125	
Shale, sandy, gray	9.5	134.5	
Limestone, brown	.5	135	
Slate, black	1.5	136.5	
Coal	.5	137	
Shale, sandy, gray	6	143	
Shale, sandy, light-gray	2	145	
Sandstone, light-gray	5	150	
Shale, sandy, dark-gray	6	156	
Sandstone, gray	1	157	
Shale, sandy, dark-gray	2	159	
Shale, sandy, light-gray	1.5	160.5	
Shale, green	.5	161	
Limestone, brown	----	161	

Well 7/6W-21R1

Type of record: Driller's log. Altitude: About 540 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface clay	8	8	
Pennsylvanian system:			
Middle series:			
Shale, sandy	12	20	
Shale, black	13.5	33.5	
Coal	2	35.5	
Fire clay	3	38.5	
Shale, clayey	7.4	45.9	
Lower series:			
Shale, black	.6	46.5	
Coal	1.5	48	
Fire clay	.2	48.2	
Sandstone	9.6	57.8	
Shale, clayey	.4	58.2	
Sandstone	4	62.2	
Shale, clayey, light-colored	2.4	64.6	
Sandstone	.3	64.9	
Shale, clayey, gray	9.4	74.3	
Clay	7	81.3	
Shale, black	8.7	90	
Coal	4.9	94.9	
Fire clay	.1	95	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/6W-22A10

Type of record: Driller's log. Altitude: About 530 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Surface	21	21	
Pennsylvanian system:			
Middle? series:			
Shale, gray	16	37	
Lower series:			
Shale, dark-gray	3	40	
Coal	2	42	
Shale, white	3	45	
Sandstone, gray	2	47	
Shale, gray	3	50	
Sandstone, hard, gray	2	52	
Sandstone, light-gray	2	54	
Sandstone, gray	9	63	
Sandstone, white	3	66	
Steel band	3	69	
Shale, black	10	79	
Shale, gray	7	86	
Shale, sandy, gray	26	112	
Sandstone, light-gray	35	147	W.B.

Well 7/6W-22B1

Type of record: Driller's log. Altitude: About 550 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	18	18	
Pennsylvanian system:			
Middle series:			
Shale, dark-gray	11	29	
Shale, light-gray	4	33	
Lower series:			
Shale, sandy, light-gray	15	48	
Coal	2.5	50.5	
Shale, sandy, gray	3	53.5	
Sandstone, light-gray	8.5	62	
Shale, sandy, light-gray	6	68	
Shale, sandy, dark	4	72	
Shale, soft, white	2.5	74.5	
Steel band	2.5	77	
Slate, black	10	87	
Shale, sandy	11	98	
Sandstone	24	122	W.B.
Sandstone, white	6	128	W.B.

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/6W-22D1

Type of record: Sample log of test hole (examined by C. Weir). Altitude: About 577 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Soil, yellow	20	20	Driller's log 0 to 45 feet.
Pennsylvanian system:			
Lower series:			
Shale, blue	25	45	
Siltstone and shale, much siderite	5	50	Sample study 45 to 1,664 feet.
Shale, dark-gray	5	55	
Sandstone, very fine, white	5	60	
Shale	15	75	
Siltstone, gray	5	80	
Shale, black, trace of siltstone	5	85	
Siltstone, white; siderite balls	15	100	
Siltstone, calcareous	10	110	
Limestone, crystalline, gray, and black shale	5	115	
Shale, black	5	120	
Limestone, crystalline, buff, and black shale	5	125	
Siltstone, gray	25	150	
Sandstone, medium-grain, white	45	195	
Sandstone, shaly, gray	7	202	
Siltstone, shaly, gray, trace of shale	18	220	
Sandstone, fine, shaly, gray	20	240	
Sandstone, medium-grain, white, trace of shale	28	268	
Shale, cherty, gray	7	275	
Siltstone, gray	15	290	
Mississippian system:			
Chester series:			
Sandstone, calcareous, brown, gray	6	296	
Limestone, crystalline, buff	4	300	
Limestone crystalline, buff, and gray shale	5	305	
Limestone, crystalline, buff	5	310	
Limestone, crystalline, shaly, buff	5	315	
Sandstone, fine-grain, gray, trace of limestone	5	320	
Sandstone, fine-grain, gray	10	330	
Sandstone, very calcareous	5	335	
Limestone, crystalline, tan; gray shale	5	340	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/6W-22D1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Mississippian system:			
Chester series:			
Limestone, crystalline, crinoids, buff	12	352	
Limestone, shaly	13	365	
Sandstone, calcareous, white	5	370	
Shale, green, some sandstone	5	375	
Shale and sandstone, green	5	380	
Sandstone	5	385	
Shale, gray	5	390	
Shale, green and red	5	395	
Shale, green, trace of limestone	5	400	T.D. 1,664 feet.

Well 7/6W-22H4

Type of record: Driller's log. Altitude: About 530 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Soil	17	17	
Pennsylvanian system:			
Middle series:			
Shale, sandy, hard, brown	4	21	
Shale, sandy, gray	5	26	
Shale, sandy, hard, gray	4	30	
Lower series:			
Shale, dark, gray	5	35	
Coal	1.5	36.5	
Fire clay	1	37.5	
Shale, dark-gray	2.5	40	
Sandstone, white	5	45	
Shale, gray	1	46	
Sandstone, white	1	47	
Shale, white	4	51	
Shale, hard, dark-blue	7	58	
Shale, soft, white	3.5	61.5	
Steel band	3	64.5	
Slate, hard, black	9.5	74	
Shale, sandy, gray	30	104	
Sandstone, grayish-white	7	111	
Sandstone	22	133	W.B.
Shale, sandy, hard, dark-gray	1	134	
Sandstone, gray	2.5	136.5	
Coal	.5	137	
Sandstone, gray	3	140	
Sandstone, white	4	144	
Coal	.5	144.5	
Sandstone, white	3.5	148	
Shale, sandy, gray	3	151	
Limestone, brown	1	152	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/6W-22H4--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Lower series:			
Shale, grayish-brown----------	----	152	

Well 7/6W-23C2

Type of record: Driller's log. Altitude: About 535 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface and hardpan----------	9	9	
Pennsylvanian system:			
Middle series:			
Sandstone, brown----------	3	12	
Lower series:			
Coal----------	.5	12.5	
Fire clay----------	.5	13	
Shale, light-gray----------	9	22	
Shale, dark-gray, trace of coal---	10	32	
Shale, boots, light-gray--------	1	33	
Shale, sandy, hard, light-gray---	6	39	
Shale, sandy, gray----------	8	47	
Shale, gray----------	8	55	"Bad water".
Coal----------	1.5	56.5	
Fire clay----------	1.5	58	
Coal----------	.5	58.5	
Fire clay----------	1.5	60	
Shale, sandy, light-gray--------	4	64	
Shale, dark-gray----------	1	65	
Coal----------	1	66	W.B.
Shale, sandy, light-gray--------	7	73	
Shale, greenish-gray----------	2	75	
Limestone----------	2	77	
Coal----------	1	78	
Slate, black, with coal streaks---	5.5	83.5	
Shale, sandy, gray----------	31	114.5	
Sandstone, gray----------	.5	115	
Shale, sandy, gray----------	6	121	
Sandstone, light-gray----------	2	123	
Shale, sandy, gray----------	3	126	
Sandstone, light-gray----------	4	130	
Sandstone, white----------	15	145	
Shale, sandy, gray----------	14	159	
Coal----------	1	160	
Sandstone, bluish-gray----------	6	166	
Shale, sandy, light-gray--------	4	170	
Shale, sandy, gray----------	8	178	
Blackjack----------	3	181	
Shale, sandy----------	6	187	
Sandstone, gray----------	6	193	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/6W-23C2--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Lower series:			
Coal	1	194	
Sandstone	6	200	
Shale, sandy	7	207	
Shale, soft, gray	18	225	Trace of limestone at 219 feet.
Shale, limey, gray	2	227	
Sandstone, dark-gray	2.5	229.5	
Shale, sandy, gray, with sandstone streak	21.5	251	
Sandstone	4	255	W.B.
Sandstone, gray	1	256	

Well 7/6W-23D2

Type of record: Driller's log. Altitude: About 520 feet.

Quaternary system:			
Recent and Pleistocene series:			
Soil	13	13	
Pennsylvanian system:			
Middle series:			
Shale, sandy, gray	9	22	
Lower series:			
Shale, dark-gray	12	34	
Coal	1	35	
Fire clay	1	36	
Shale, gray	3	39	
Shale, sandy, light-gray	11	50	
Shale, dark-gray	7.5	57.5	
Shale, light-gray	4	61.5	
Limestone, hard, and steel band	2	63.5	
Shale, hard, black	9.5	73	
Shale, sandy, gray	25	98	
Sandstone, gray	2	100	
Shale, sandy, gray	5	105	
Sandstone, white	9	114	W.B.
Sandstone, hard, white	26	140	W.B.
Shale, sandy, white, with coal streak	2	142	
Sandstone, hard, white	1	143	W.B.
Coal	1.5	144.5	
Fire clay	.5	145	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/6W-23E1

Type of record: Driller's log. Altitude: About 525 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Surface	14	14	
Pennsylvanian system:			
Middle series:			
Sandstone, gray	13	27	
Sandstone, white	10	37	
Lower series:			
Slate, black	2	39	
Fire clay	3	42	
Shale, sandy, gray	2	44	
Shale, sandy, white	13	57	
Shale, sandy, gray	9	66	
Limestone (steel band)	2.5	68.5	
Shale, sandy, gray	3.5	72	
Slate, black	10	82	
Shale, sandy, gray	43	125	
Sandstone, white	12	137	W.B.

Well 7/6W-23E3

Type of record: Driller's log. Altitude: About 525 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay	18	18	
Pennsylvanian system:			
Middle? series:			
Shale, blue	2	20	
Lower series:			
Coal and fire clay	5	25	
Shale, gray	23	48	
Coal and fire clay	7	55	"Bad water".
Shale, gray and green	6	61	
Limestone, black	3	64	
Shale, black	12	76	
Shale, gray	24	100	
Sandstone, broken	37	137	
Sandstone, white	10	147	W.B.
Sandstone, broken	3	150	

Well 7/6W-23F2

Type of record: Driller's log. Altitude: About 530 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Surface	14	14	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/6W-23F2--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Middle series:			
Shale, sandy, brown	4	18	
Shale, sandy, gray	3	21	
Shale, dark-gray	2	23	
Shale, sandy, light-gray	7	30	
Shale, sandy, gray	8	38	
Lower? series:			
Shale, dark-gray	8	46	
Coal	1	47	
Fire clay, dark	2	49	
Coal	.5	49.5	
Fire clay	1.5	51	
Shale, sandy, soft, light-gray	10	61	
Shale, gray	1	62	
Shale, dark-gray	1	63	
Coal	1	64	
Fire clay	1	65	
Shale, greenish-gray	2	67	
Limestone	2.5	69.5	
Slate, black, with coal streaks	6.5	76	
Shale, sandy, gray	23	99	Trace of coal at 98 feet.
Sandstone, light-gray	6	105	
Shale, sandy, light-gray	2	107	
Sandstone, grayish-white	5	112	
Sandstone, white	11	123	
Shale, sandy, light-gray	3	126	
Sandstone, white	8	134	
Shale, sandy, gray	3	137	
Limestone	1	138	
Sandstone, white	----	138	

Well 7/6W-23P1

Type of record: Driller's log. Altitude: About 560 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	10	10	
Pennsylvanian system:			
Middle series:			
Sandstone, red	6	16	
Shale, sandy, gray	15	31	
Sandstone, gray	2	33	
Lower series:			
Shale, sandy, gray	10	43	
Coal	.5	43.5	
Fire clay	3.5	47	
Shale, sandy, boots, gray	12	59	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/6W-23P1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Lower series:			
Shale, soft, white	3	62	
Shale, sandy, gray	2.5	64.5	
Sandstone, gray	7.5	72	
Shale, sandy, gray	11	83	
Coal	2	85	
Fire clay	3	88	
Shale, sandy, gray	2.5	90.5	
Sandstone, white	2.5	93	
Shale, sandy, white	4	97	
Shale, sandy, gray	6.5	103.5	
Steel band	2.5	106	
Shale, sandy, boots, gray	4	110	
Slate, black	5	115	
Shale, sandy, boots, gray	8	123	
Sandstone, gray	5	128	
Shale, sandy, boots, gray	35	163	
Sandstone, light-gray	33	199	
Slate, black	1	200	
Sandstone, light-gray	8	208	
Shale, sandy, boots, gray	27	235	
Blackjack	3	238	
Sandstone, light-gray	9	247	
Shale, sandy, gray	2	249	
Sandstone, white	3	252	
Sandstone, black	1	253	

Well 7/6W-27B1

Type of record: Driller's log. Altitude: About 490 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand	40	40	
Mud, black	22	62	
Gravel and sand	3	65	
Mud, black, pawpaw wood and leaves in bottom	141	206	

Well 7/6W-28A1

Type of record: Driller's log. Altitude: About 535 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface clay	4	4	
Pennsylvanian system:			
Middle series:			
Shale, sandy	8.2	12.2	
Shale, black	8.3	20.5	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/6W-28A1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Middle series:			
Coal	3.1	23.6	
Fire clay	3	26.6	
Clay	2.5	29.1	
Sandstone, dark	8	37.1	
Shale, clayey, blue	13.7	50.8	
Shale	.3	51.1	
Shale, clayey	7.2	58.3	
Lower series:			
Shale, black	6.7	65	
Coal	.5	65.5	
Fire clay	.8	66.3	
Shale, clayey, dark	10.6	76.9	
Shale, black	12.1	89	
Coal	5	94	

Well 7/6W-28K1

Type of record: Driller's log. Altitude: About 545 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Surface	10	10	
Pennsylvanian system:			
Middle series:			
Shale, sandy	12.5	22.5	
Coal	2	24.5	
Fire clay	6.5	31	
Shale, sandy, gray	2	33	
Sandstone, white	14	47	
Shale, sandy, gray	24.5	71.5	
Lower series:			
Coal	2	73.5	
Shale, sandy, light-gray	6.5	80	
Slate, black	4	84	
Coal	1	85	
Fire clay	1	86	
Shale, sandy, gray	4	90	

Well 7/6W-29D1

Type of record: Driller's log. Altitude: About 480 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Soil, dirt	18	18	
Sand, muddy	6	24	W.B.
Sand, coarse, silty	6	30	W.B.
Sand, coarse	10	40	W.B.
Sand, coarse, and gravel	5	45	W.B.

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/6W-29D1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand and silty gravel----------	12	57	W.B.
Clay----------	1	58	
Pennsylvanian system:			
Lower series:			
Rock----------	----	58	

Well 7/6W-30H1

Type of record: Driller's log. Altitude: About 480 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil----------	1	1	
Clay, yellow----------	18	19	
Clay, blue----------	20	39	
Gravel, medium, and sand--------	10	49	W.B.
Pennsylvanian system:			
Lower series:			
Clay, fine, white, and sandstone--	5	54	
Sandstone----------	4	58	W.B.

Well 7/6W-30P1

Type of record: Driller's log. Altitude: About 480 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil----------	3	3	
Clay, yellow----------	8	11	
Clay, blue----------	8	19	
Clay, sandy, blue----------	30	49	
Gravel, muddy----------	1	50	W.B.
Gravel, clean, active----------	2	52	W.B.
Clay, hard, gritty----------	22	74	
Clay, hard, gritty, and shale---	12	86	
Coal----------	3	89	
Clay, sandy----------	9	98	
Pennsylvanian system:			
Lower series:			
Sandstone----------	2	100	

Well 7/6W-30Q1

Type of record: Driller's log. Altitude: About 480 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil----------	4	4	
Muck, blue----------	17	21	
Clay, sandy, brown----------	9	30	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/6W-30Q1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Muck, blue	37	67	
Gravel, coarse, and sand	5	72	W.B.
Coal	.5	72.5	
Clay, hard, gritty	7.5	80	
Clay, blue, and shale	14	94	
Gravel, medium, gray	1	95	W.B.
Pennsylvanian system:			
Lower series:			
Sandstone	2	97	

Well 7/6W-30R1

Type of record: Driller's log. Altitude: About 480 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil	1	1	
Clay, yellow	10	11	
Clay, blue	13	24	
Clay, sandy	6	30	
Gravel, medium, and coarse sand	12	42	W.B.
Sand, coarse to fine	19.5	61.5	W.B.
Sand, fine; and clay	2.5	64	
Clay, blue	10	74	
Pennsylvanian system:			
Lower series:			
Sandstone and shale, brown	1	75	

Well 7/6W-31A1

Type of record: Driller's log. Altitude: About 480 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil	1	1	
Muck, blue	4	5	
Clay, yellow	6	11	
Clay, blue	16	27	
Sand, fine, muddy	9	36	W.B.
Gravel, medium, muddy	2	38	W.B.
Clay, gritty	10	48	
Sandstone	1	49	
Clay, hard, gritty	11	60	
Gravel, muddy, and boulders	5	65	W.B.
Clay, hard, gritty	2	67	
Pennsylvanian system:			
Lower series:			
Shale, soft, blue	19	86	
Sandstone	1	87	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/6W-33J1

Type of record: Driller's log. Altitude: About 510 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Surface	16	16	
Pennsylvanian system:			
Lower series:			
Shale, soft, slick	15	31	
Shale, sandy, gray	17	48	
Coal	2	50	
Shale, sandy, gray	10	60	

Well 7/6W-33K1

Type of record: Driller's log. Altitude: About 515 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Surface	6	6	
Pennsylvanian system:			
Middle series:			
Shale	2	8	
Lower series:			
Shale, black	10	18	
Coal	1.5	19.5	
Fire clay	5.5	25	
Sandstone, white	13	38	
Shale, sandy, gray	19	57	
Coal	1	58	
Shale, sandy, gray	5	63	
Shale, sandy, light-gray	3	66	
Sandstone, light-gray	11.5	77.5	
Coal	1	78.5	
Shale, soft, white	3	81.5	
Slate, black	4.5	86	
Shale, sandy, gray	12	98	
Sandstone, gray	7	105	
Shale, sandy, gray	3	108	
Coal and blackjack	1.5	109.5	
Shale, sandy, gray	6.5	116	
Shale, sandy, dark-gray	18	134	
No record	81	215	

Well 7/6W-33M1

Type of record: Driller's log. Altitude: About 570 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Soil and clay	20	20	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/6W-33M1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Middle series:			
Sandstone	45	65	
Coal	2.5	67.5	
Fire clay	2	69.5	
Sandstone	60	129.5	
Lower series:			
Coal	2	131.5	
Fire clay	2	133.5	
Sandstone	65	198.5	
Coal	1.5	200	

Well 7/6W-34E1

Type of record: Driller's log. Altitude: About 510 feet.

Quaternary system:			
Recent and Pleistocene series:			
Muck	7	7	
Mud, slick, blue	24	31	
Mud and sand	6	37	
Coal	.5	37.5	
Mud and wood	.5	38	
Sand	13	51	W.B.
Gravel	----	51	W.B.

Well 7/7W-1C1

Type of record: Driller's log. Altitude: About 580 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	25	25	
Pennsylvanian system:			
Middle series:			
Sandstone, gray	6	31	
Slate, black	1	32	
Coal, soft	1	33	
Clay, blue	10	43	
Clay, yellow	8	51	
Shale, sandy	4	55	
Slate, black	5	60	
Fire clay	3	63	
Shale, sandy, light	6.5	69.5	
Sandstone, gray	7.5	77	
Shale, dark	4	81	
Shale, sandy, gray	2	83	
Shale, dark	8	91	
Shale, light-gray	16	107	
Limestone	3	110	
Shale	2	112	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/7W-1C1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Middle series:			
Coal	1	113	
Shale, sandy, gray	10	123	
Shale, gray	7	130	
Coal	1	131	
Sandstone, gray	16	147	
Lower series:			
Shale, sandy, gray	3	150	
Coal	2	152	
Shale, gray	2	154	
Sandstone, gray	11	165	
Sandstone, white	15	180	
Coal	1	181	

Well 7/7W-2C1

Type of record: Driller's log. Altitude: About 560 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface and clay	10	10	
Hardpan	18	28	
Pennsylvanian system:			
Middle series:			
Slate, gray	8	36	
Slate, blue	4	40	
Coal	3	43	
Sandstone, dark	9	52	W.B.
Shale, dark	13	65	
Slate, black	9	74	
Sandstone	12	86	W.B.
Shale, sandy, dark	7	93	
Slate, black	4	97	
Coal	4	101	
Fire clay	2	103	
Sandstone, dark	10	113	
Sandstone, light	5	118	W.B.
Shale, light	2	120	

Well 7/7W-3R1

Type of record: Driller's log. Altitude: About 575 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	10	10	
Pennsylvanian system:			
Middle series:			
Sandstone, yellow	30	40	
Sandstone, gray	10	50	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/7W-3R1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Middle series:			
Sandstone, white	13	63	
Shale, sandy, gray	2	65	
Sandstone, white	17.5	82.5	
Shale, gray	1	83.5	
Coal	2.5	86	
Sandstone, gray	25	111	
Slate, black	5	116	
Coal	1.5	117.5	
Shale, sandy, light-gray	----	117.5	

Well 7/7W-4N1

Type of record: Driller's log. Altitude: About 555 feet.

Quaternary system:			
Recent and Pleistocene series:			
Hardpan and clay	15	15	
Boulders	5	20	
Pennsylvanian system:			
Middle series:			
Slate, dark	8	28	
Limestone, hard	3	31	
Coal	5	36	
Fire clay	3	39	
Shale, gray	11	50	
Shale, sandy	33	83	
Sandstone	5	88	
Shale, dark	5	93	
Sandstone	34	127	
Mine opening	4	131	

Well 7/7W-6J1

Type of record: Driller's log. Altitude: About 570 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	29.5	29.5	
Pennsylvanian system:			
Middle series:			
Shale and slate	4.5	34	
Fire clay	3	37	
Shale, gray	5	42	
Shale, dark	2	44	
Slate, black	5	49	
Fire clay	2	51	
Limestone	4.5	55.5	
Shale	1.5	57	
Sandstone, white	12.5	69.5	W.B.

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/7W-6J1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Middle series:			
Shale, dark	7	76.5	
Rock, hard, black	4.5	81	
Shale, blue	4	85	

Well 7/7W-7N1

Type of record: Driller's log. Altitude: About 570 feet.

Quaternary system:			
Recent and Pleistocene series:			
Earth	12	12	
Pennsylvanian system:			
Middle series:			
Sandstone	1	13	
Shale, clayey	5	18	
Limestone	7	25	
Shale, clayey	.5	25.5	
Shale, black	1	26.5	
Fire clay	2	28.5	
"Drift mixture of sandstone and pebbles, dirt and grit"	5	33.5	Conglomerate?
Sandstone, white	20	53.5	
Sandstone, white, and black, sandy shale	24	77.5	
Shale, clayey	3	80.5	
Shale, light, mixed with sandstone	8	88.5	
Sandstone mixed with shale	8	96.5	
Sandstone and hard rock	28	124.5	
Sandstone, soft	1.5	126	

Well 7/7W-9A1

Type of record: Driller's log. Altitude: About 620 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay, yellow	18	18	
Boulder	2	20	
Hardpan	4	24	
Pennsylvanian system:			
Middle series:			
Limestone, hard	3	27	
Coal	2	29	
Slate, black	8	37	
Coal	4	41	W.B.
Fire clay	3	44	
Shale, gray	11	55	
Shale, dark	13	68	
Sandstone, white	17	85	W.B.

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/7W-9A1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Middle series:			
Shale, sandy	10	95	
Sandstone, white	22	117	
Shale, dark	4	121	
Sandstone, light	66	187	W.B.
Limestone, hard	3	190	
Shale, dark	10	200	

Well 7/7W-9B1

Type of record: Driller's log. Altitude: About 600 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	18	18	
Clay, dark, and gravel	10	28	
Boulder	1	29	
Pennsylvanian system:			
Middle series:			
Shale, sandy, gray	1	30	
Slate, black	1	31	

Well 7/7W-9C1

Type of record: Driller's log. Altitude: About 595 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil and clay	27	27	
Pennsylvanian system:			
Middle series:			
Rock	6.5	33.5	
Steel band	1.5	35	
Slate and coal	5	40	
Rock, hard	8	48	
Coal and slate	5	53	
Fire clay	2	55	
Shale, with layers of limestone	53	108	
Limestone and white sandstone	36	144	
Shale, brown	2	146	

Well 7/7W-9E2

Type of record: Driller's log. Altitude: About 570 feet.

Quaternary system:			
Recent and Pleistocene series:			
Soil and clay	15	15	
Pennsylvanian system:			
Middle series:			
Rock and "boulder ledges"	5	20	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/7W-9E2--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Middle series:			
Sandstone, soft	5	25	
Shale	65	90	
Sandstone, bluish-gray	30	120	
Shale	5	125	
Sandstone, white	13	138	W.B.

Well 7/7W-9J1

Type of record: Driller's log. Altitude: About 600 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay, red	18	18	
Pennsylvanian system:			
Middle series:			
Slate and coal	9	27	
Fire clay	3	30	
Shale, dark	48	78	
Shale, sandy	6	84	
Sandstone	6	90	
Shale, dark	4	94	
Sandstone	24	118	W.B.
Coal	2	120	
Limestone, hard	3	123	
Slate, dark	5	128	
Soft, mine opening	5	133	
Fire clay	5	138	
Slate, dark	5	143	
Slate, black	7	150	
Shale, gray	6	156	
Shale, sandy	5	161	
Shale, gray	39	200	
Sandstone, white	39	239	W.B.

Well 7/7W-9K1

Type of record: Driller's log. Altitude: About 590 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	14.5	14.5	
Pennsylvanian system:			
Middle series:			
Sandstone, yellow	.5	15	
Shale	1	16	
Sandstone, yellow	1.5	17.5	
Shale, soft	10.5	28	
Shale, gray	4	32	
Shale, sandy, gray	6	38	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/7W-9K1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Middle series:			
Shale, gray	4	42	
Sandstone, medium-gray	6	48	
Shale, gray	3	51	
Shale, sandy, gray	4	55	
Shale, gray	5	61	
Shale, sandy, gray	4	65	
Shale, gray	15	80	
Sandstone, gray	1	81	
Shale, gray	13	94	
Sandstone, medium-gray	27	121	Trace of coal at 104 feet.
Coal, trace	----	121	
Sandstone, gray	8	129	
Coal	3.5	132.5	
Shale, gray	.5	133	
Sandstone, gray	5	138	
Shale, sandy, gray	2	140	
Shale, boots, gray	15	155	Trace of limestone at 152 feet.
Slate, black	1	156	
Limestone, brown	.5	156.5	
Shale, gray	.5	157	
Slate, black	7	164	
Coal	1	165	
Shale, greenish-gray	7	172	
Shale, boots, sandy, gray	4	176	
Shale, sandy, medium-gray	3	179	
Coal	2	181	
Fire clay, boots	3	184	
Coal	4	188	W.B.
Fire clay	3	191	
Shale, sandy, boots, light-gray	4	195	
Shale, sandy, hard, light-gray	4	199	
Shale, sandy, greenish-gray	10	209	
Lower? series:			
Shale, sandy, boots, gray; limestone streaks	2.5	211.5	
Limestone, brown	1	212.5	
Slate, black	1.5	214	
Shale, sandy, medium-gray	14	228	
Shale, sandy, gray	3	231	Trace of coal at 229 feet.
Sandstone, gray	19	250	W.B.
Sandstone, light-gray	7	257	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/7W-9R1

Type of record: Driller's log. Altitude: About 570 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, red	20	20	
Hardpan	10	30	
Pennsylvanian system:			
Middle series:			
Shale, sandy	10	40	
Sandstone	10	50	
Shale, black	18	68	
Sandstone	4	72	
Slate, black, and coal	8	80	
Shale, sandy	10	90	
Shale, gray	17	107	
Slate, black	6	113	W.B.

Well 7/7W-10C1

Type of record: Driller's log. Altitude: About 590 feet.

Quaternary system:			
Recent and Pleistocene series:			
Soil	17	17	
Hardpan	6	23	
Pennsylvanian system:			
Middle series:			
Sandstone, yellow	33	56	
Sandstone, grayish-blue	17	73	W.B.

Well 7/7W-10E1

Type of record: Driller's log. Altitude: About 600 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	12	12	
Pennsylvanian system:			
Middle series:			
Coal	5	17	
Fire clay	2	19	
Shale, soft, bluish-gray	11	30	
Shale, soft, light-gray	9	39	
Sandstone, gray	2	41	
Shale, sandy, gray	7	48	
Shale, soft, gray	4	52	
Shale, sandy, gray	16	68	
Shale, sandy, light-gray	8	76	
Shale, sandy, gray	1	77	
Sandstone, light-gray	1	78	
Shale, sandy, light-gray	4	82	
Sandstone, light-gray	26.5	108.5	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/7W-10E1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Middle series:			
Sandstone, light-gray, with coal streak	1.5	110	
Sandstone, gray	1.5	111.5	
Shale, sandy, light-gray	1.5	113	
Sandstone, gray, and coal	5	118	
Sandstone, gray	2	120	
Shale, sandy, light-gray	1.5	121.5	
Mine opening	4	125.5	
Shale, soft, gray	6.5	132	
Shale, soft, dark	9	141	
Shale, sandy, light-gray	5.5	146.5	
Shale, sandy, hard, light-gray	2.5	149	
Sandstone, white	5	154	
Shale, sandy, light-gray	3	157	
Coal	2	159	
Shale, sandy, gray	1.5	160.5	
Shale, sandy, light-gray	1.5	162	
Coal	2.5	164.5	
Fire clay	2.5	167	
Shale, sandy, boots, brownish-gray	4	171	
Shale, sandy, hard, light-gray	10	181	
Shale, sandy, medium-gray	5	186	
Limestone, brown	.5	186.5	
Shale, sandy, boots, medium-gray	6.5	193	
Shale, sandy, gray	7	200	
Sandstone, light-gray	6.5	206.5	
Sandstone, moderately hard, light-gray	5.5	212	
Shale, sandy, light-gray	3	215	
Sandstone, moderately hard, light-gray	16	231	
Lower? series:			
Shale, sandy, light-gray	2	233	
Sandstone, light-gray	10	243	
Sandstone	7	250	W.B.
Shale, sandy, gray	.5	250.5	
Sandstone, gray	----	250.5	

Well 7/7W-10F1

Type of record: Driller's log. Altitude: About 594 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay	20	20	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/7W-10F1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Middle? series:			
Limestone, sandy	30	50	
Coal	3	53	
Limestone, sandy	16	69	
Shale	11	80	
Coal	4	84	
Shale	46	130	
Limestone	60	190	
Sandstone, hard, white	30	220	
Lower? series:			
Limestone, broken	105	325	
Limestone, sandy	85	410	T.D. 1,854 feet.

Well 7/7W-10G1

Type of record: Driller's log. Altitude: About 560 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	14	14	
Pennsylvanian system:			
Middle series:			
Sandstone, yellow	11	25	
Sandstone, white	5	30	
Shale, sandy, gray	15	45	
Shale, soft, gray	2	47	
Mine opening	3	50	
Fallen shale	8.5	58.5	
Sandstone, white	2	60.5	
Shale, sandy, hard, gray	18.5	79	
Slate, black	9	88	
Coal	1.5	89.5	
Shale, sandy, gray	1.5	91	
Sandstone, gray	3	94	
Shale, sandy, gray	6.5	100.5	
Coal	2	102.5	
Shale, sandy, gray	6.5	109	
Coal	1	110	
Shale, sandy, gray	8	118	
Shale, sandy, boots, gray	4	122	
Sandstone, white	16	138	
Shale, dark-gray	12	150	
Lower series:			
Steel band	.5	150.5	
Shale, sandy, dark-gray	11.5	162	
Coal	.2	164	
Shale, sandy, gray	10	174	
Sandstone, gray	36	210	W.B.

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/7W-10N1

Type of record: Driller's log. Altitude: About 575 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, red	16	16	
Hardpan	6	22	
Pennsylvanian system:			
Middle series:			
Shale, sandy	12	34	
Sandstone	13	47	
Limestone, hard	2	49	
Shale, gray	26	75	
Sandstone	12	87	W.B.
Shale, dark	25	112	
Coal	3	115	
Sandstone	9	124	W.B.
Shale, dark	13	137	

Well 7/7W-10P1

Type of record: Driller's log. Altitude: About 580 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Surface	14	14	
Sandstone, soft, brown	2.5	16.5	
Clay, yellow	12	28.5	
Pennsylvanian system:			
Middle series:			
Sandstone, brown	2.5	31	
Shale, sandy, gray	7	38	Trace of coal at 32 feet.
Sandstone, light-gray	13	51	
Shale, gray	2.5	53.5	
Slate, hard, black	5	58.5	
Coal	.5	59	
Fire clay	4	63	
Shale, light-greenish-gray	12	75	

Well 7/7W-11B2

Type of record: Driller's log. Altitude: About 560 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay	9	9	
Pennsylvanian system:			
Middle series:			
Shale, clayey	4	13	
Sandstone	15	28	
Shale	5	33	
Coal	1.2	34.2	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/7W-11B2--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Middle series:			
Fire clay	1.5	35.7	
Sandstone	47	82.7	
Shale	5	87.7	
Coal	3.8	91.5	
Sandstone	24	115.5	
Shale	6	121.5	
Coal	2	123.5	
Fire clay	1	124.5	
Sandstone	6	130.5	
"Drift rock"	4	134.5	Conglomerate?
Shale	1	135.5	
Coal	1.7	137.2	
Sandstone	4	141.2	
Shale	2	143.2	
Rock	1.5	144.7	Limestone?
Coal	1.5	146.2	
Shale	1	147.2	
Coal	1.5	148.7	
Rock	9.3	158	Limestone?

Well 7/7W-11E2

Type of record: Driller's log. Altitude: About 590 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	11	11	
Pennsylvanian system:			
Middle series:			
Sandstone, yellowish-brown	14	25	
Sandstone, yellow	13	38	
Shale, sandy, gray	6	44	
Sandstone, light-gray	4	48	
Shale, sandy, gray	14	62	
Sandstone, light-gray, and coal streaks	6	68	
Limestone, hard	1	69	
Shale, sandy, light-gray	1	70	
Sandstone, hard, light-gray	2	72	
Shale, sandy, light-gray	8	80	
Sandstone, light-gray	2	82	
Shale, sandy, gray	1	83	
Shale, sticky, gray	18.5	101.5	
Slate, black	1.5	103	
Coal	4	107	W.B.
Fire clay	1	108	
Sandstone, dark-gray	7	115	
Shale, sandy, gray	12	127	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/7W-11E2--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Middle series:			
Sandstone, dark-gray	.5	127.5	
Shale, sandy, gray	1.5	129	
Slate, black	8.5	137.5	
Coal	.5	138	
Fire clay	3	141	
Shale, sandy, light-gray	7	148	
Slate, black	1	149	
Shale, sandy, light-gray	11	160	
Shale, sandy, brown	3	163	
Limestone, brown, and coal streaks	1	164	
Shale, sandy, gray	2	166	
Shale, sandy, brown	2	168	
Sandstone, brown	1	169	
Shale, sandy, brownish-gray	1	170	
Shale, sandy, light-gray	3	173	
Sandstone, light-gray and brown shale	5	178	
Sandstone, light-gray	18	196	
Shale, gray	9	205	
Shale, sandy, gray	2	207	
Slate, black	1	208	
Lower? series:			
Coal	2	210	
Shale, gray	2	212	
Coal	2	214	
Shale, gray	3	217	
Shale, sandy, light-gray	4	221	
Shale, sandy, with coal streaks	5	226	
Shale, sandy, gray	9	235	

Well 7/7W-11F1

Type of record: Driller's log. Altitude: About 600 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil	9	9	
Pennsylvanian system:			
Middle series:			
Sandstone	39	48	
Shale, gray	20	68	
Sandstone	28	96	
Shale, gray	11	107	
Mine opening	4	111	
Shale, gray	11	122	
Shale, sandy	8	130	
Shale, gray	10	140	
Slate, black	4	144	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/7W-11F1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Middle series:			
Coal	2	146	
Shale, gray	13	159	
Shale, sandy	9	168	
Slate, gray	3	171	
Shale, gray	12	183	
Shale, sandy	7	190	
Sandstone	10	200	W.B.

Well 7/7W-11L1

Type of record: Driller's log. Altitude: About 560 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	10	10	
Sand	9	19	
Pennsylvanian system:			
Middle series:			
Rock	2	21	
Shale, sandy	4	25	
Sandstone	3	28	
Coal	1	29	
Slate, black	4	33	
Shale	1.5	34.5	
Slate, blue	12.5	47	
Shale, sandy	11	58	W.B.
Shale, dark	21.5	79.5	
Coal	3	82.5	
Fire clay	2	84.5	
Shale, dark	18.5	103	
Slate, black	8	111	
Coal	1	112	
Fire clay	10	122	
Shale, dark	2.5	124.5	
Coal	1.5	126	
Fire clay	3	129	
Shale, dark	4	133	
Rock, coal, and slate	3	136	
Fire clay	1	137	
Shale, soft, and sandy shale	9.5	146.5	
Sandstone	4.5	151	
Shale, sandy	8	159	
Shale, gray	11	170	
Shale, dark	3	173	
Slate and coal	2	175	
Shale	14	189	
Sandstone	9	198	
Shale, sandy	4	202	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/7W-11L1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Lower? series:			
Shale, gray	52	254	
Sandstone	5	259	
Shale, sandy	16	275	
Shale, dark	17	292	
Shale, sandy	13.5	305.5	
Coal	2	307.5	
Fire clay	2	309.5	
Shale, gray, and sandy shale	12.5	322	
Shale, dark	10	332	
Coal, slate, and rock	3	335	
Shale	3	338	

Well 7/7W-11P1

Type of record: Driller's log. Altitude: About 545 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	15.5	15.5	
Sand and gravel	4	19.5	
Pennsylvanian system:			
Middle series:			
Shale	6.5	26	
Shale, sandy	3	29	
Sandstone	2.5	31.5	
Shale, sandy	2.5	34	
Shale, soft	8	42	
Shale, soft, and gray shale	26	68	
Coal	.5	68.5	
Mine opening	4.5	73	
Shale, sandy, dark	3	76	
Shale, dark	11	87	
Slate, black	2.5	89.5	
Slate	7.5	97	
Rock	1	98	
Coal	3	101	
Fire clay	1	102	
Shale, sandy	7	109	
Shale, gray	4	113	
Coal and fire clay	2	115	
Rock, shale, and coal	11	126	
Sandstone	4	130	
Shale, soft	7	137	
Sandstone	5	142	
Shale	17	159	
Rock, black	1.5	160.5	
Shale	1.5	162	
Coal and slate	1.5	163.5	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/7W-11P1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Middle series:			
Shale, gray	18.5	182	
Slate, black	4	186	
Shale, sandy	3	189	
Shale, gray	13	202	
Lower? series:			
Rock, coal, sandstone, and shale	3	205	
Sandstone	5	210	
Shale, sandy	17	227	
Shale, gray	13	240	

Well 7/7W-12R1

Type of record: Driller's log. Altitude: About 530 feet.

Quaternary system:			
Recent and Pleistocene series:			
Soil and clay	20	20	
Pennsylvanian system:			
Middle series:			
Slate and shale	7	27	
Shale	72	99	
Steel band	1	100	
Coal	1	101	
Shale and layers of gray sandstone	49	150	

Well 7/7W-13E1

Type of record: Driller's log. Altitude: About 520 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	15	15	
Pennsylvanian system:			
Middle series:			
Sandstone, gray	6	21	
Shale, sandy, gray	18	39	
Slate, black	8.5	47.5	
Coal	1.5	49	
Fire clay	3	52	
Shale, light-gray	3.5	55.5	
Shale, sandy, light-gray	3.5	59	
Shale, sandy, gray	4	63	
Slate, black	5	68	
Shale, sandy, gray	20	88	
Sandstone, light-gray	16	104	
Sandstone, gray	6	110	
Shale, sandy, gray	17	127	
Sandstone, dark-gray	2	129	
Slate, black	6	135	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/7W-13E1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Middle series:			
Coal	2.5	137.5	
Sandstone, gray	7.5	145	W.B.
Sandstone, light-gray	10	155	W.B.

Well 7/7W-13J1

Type of record: Driller's log. Altitude: About 550 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	24	24	
Pennsylvanian system:			
Middle series:			
Shale, gray	10	34	
Sandstone, gray	1	35	
Slate, black	8	43	
Coal	1	44	
Fire clay	7	51	
Shale, sandy, gray	7	58	
Sandstone, hard, gray	1.5	59.5	
Shale, light-gray	3.5	63	
Shale, sandy, brown	4	67	
Shale, sandy, gray	5	72	
Shale, sandy, hard, gray	8	80	
Shale, sandy, gray	8.5	88.5	
Coal	1	89.5	
Shale, sandy, gray	.5	99	
Shale, sandy, dark-gray	7	106	
Shale, sandy, hard, light-gray	9	115	
Sandstone, white	12	127	W.B.
Sandstone, light-gray	20	147	W.B.

Well 7/7W-13P2

Type of record: Driller's log. Altitude: About 530 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	16	16	
Sand, blue	11	27	
Pennsylvanian system:			
Middle series:			
Coal	2	29	
Fire clay	1.5	30.5	
Shale, sandy	8.5	39	
Shale, blue	10	49	
Slate, black	6.5	55.5	
Fire clay	6.5	62	
Sandstone, white	5	67	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/7W-13P2--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Middle series:			
Shale, gray	4	71	
Shale, dark	3	74	
Fire clay	3	77	
Shale	2	79	
Coal	4	83	
Fire clay	3.5	86.5	
Sandstone	11	97.5	
Shale	3.5	101	
Sandstone	11	112	
Shale	21	133	
Steel band	1	134	
Shale	.5	134.5	
Coal	2	136.5	
Dirty band	1	137.5	
Coal	2.5	140	
Fire clay	1.5	141.5	
Sandstone	25.5	167	W.B.
Shale, sandy	10	177	

Well 7/7W-13Q1

Type of record: Driller's log. Altitude: About 520 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Surface	21	21	
Pennsylvanian system:			
Middle series:			
Slate, black	19	40	
Coal	2	42	
Fire clay	5	47	
Shale, sandy	5	52	
Shale, gray	2	54	
Coal	1	55	
Fire clay	1	56	
Shale, sandy	7	63	
Shale, brown	1	64	
Coal	1	65	
Fire clay	2	67	
Shale, sandy	23	90	
Sandstone	8	98	
Shale, gray	3	101	
Shale, sandy	4	105	
Sandstone, dark	15	120	W.B.

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/7W-13R1

Type of record: Driller's log. Altitude: About 505 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Surface	11	11	
Clay, blue, and sand	4	15	
Pennsylvanian system:			
Middle series:			
Fire clay	2	17	
Shale, gray	5	22	
Coal	1.5	23.5	
Shale, soft, gray	2	25.5	
Shale, gray	4.5	30	
Sandstone, gray	1	31	
Shale, brown	1	32	
Shale, sandy, gray	1	33	
Fire clay	2	35	
Sandstone, and sandy shale	15	50	
Shale, dark	2	52	
Sandstone, gray	1	53	
Shale, boots, dark	11.5	64.5	
Sandstone, hard, gray	7	71.5	
Shale, sandy, gray	13.5	85	
Sandstone, hard, gray	.5	85.5	
Shale, sandy, gray	.5	86	
Sandstone, hard, gray	1	87	
Shale, sandy, gray	2	89	
Slate, hard	1	90	
Shale, sandy, gray	3	93	
Coal	.5	93.5	
Sandstone, gray	33.5	127	W.B.

Well 7/7W-14A1

Type of record: Driller's log. Altitude: About 520 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	14	14	
Pennsylvanian system:			
Middle series:			
Slate	2	16	
Coal	.5	16.5	
Fire clay	1.5	18	
Sandstone	10	28	
Shale, gray	6	34	
Sandstone	9	43	
Slate, black	4	47	
Coal	1	48	
Sandstone	9	57	W.B.
Shale, dark	2	59	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/7W-14A1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Middle series:			
Sandstone	6	65	W.B.

Well 7/7W-14A2

Type of record: Driller's log. Altitude: About 530 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Surface	21	21	
Pennsylvanian system:			
Middle series:			
Shale	3	24	
Sandstone	2.5	26.5	
Shale, blue	18.5	45	
Slate	8	53	
Coal	1.5	54.5	
Fire clay	8.5	63	
Shale, blue	7	70	
Sandstone, gray	2.5	72.5	
Shale, gray	14.5	87	
Limestone	3.5	90.5	
Shale, sandy	1.5	92	
Sandstone, gray	6	98	
Shale, gray	19	117	
Slate	2	119	
Coal	.5	119.5	
Shale, gray	9.5	129	
Sandstone, gray	46	175	W.B.

Well 7/7W-14B1

Type of record: Driller's log. Altitude: About 515 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay and hardpan	18	18	
Pennsylvanian system:			
Middle series:			
Shale, sandy	9	27	
Shale, gray	8	35	
Slate, black	9	44	
Coal	3	47	W.B.
Shale, sandy	9	56	W.B.
Slate, dark	9	65	
Shale, gray	15	80	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/7W-14H1

Type of record: Driller's log. Altitude: About 510 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Top soil	14	14	
Sand	4	18	W.B.
Pennsylvanian system:			
Middle series:			
Shale, sandy	7	25	
Shale, gray	34	59	
Shale, sandy	4	63	
Coal	3	66	
Shale, gray	60	126	
Shale, sandy	24	150	
Sandstone	25	175	W.B.

Well 7/7W-15C1

Type of record: Driller's log. Altitude: About 565 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Surface	15	15	
Pennsylvanian system:			
Middle? series:			
Shale, sandy, yellow	10	25	
Shale, gray	8	33	
Sandstone, gray	3	36	
Shale, sandy, gray	5.5	41.5	
Sandstone	3.5	45	
Shale, soft	1	46	
Slate, black	4.5	50.5	
Coal	1	51.5	
Fire clay	6	57.5	
Sandstone	1.5	59	
Shale, white	11	70	
Shale, dark	13.5	83.5	
Mine opening	3	86.5	
Broken down	9.5	96	Collapsed mine workings.
Bottoms	2	98	W.B., rock debris.
Sandstone	18	116	
Shale, gray	5	121	
Slate, black	6.5	127.5	
Coal	.5	128	
Fire clay, hard	5	133	
Sandstone	7	140	
Shale	4	144	
Coal	2	146	
Dirty band	2	148	
Coal	3	151	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/7W-15C1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Middle? series:			
Fire clay, hard	8	159	
Shale, gray	4	163	
Sandstone, white	16	179	W.B.
Shale, gray	11	190	

Well 7/7W-15E2

Type of record: Driller's log. Altitude: About 580 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	14.5	14.5	
Pennsylvanian system:			
Middle series:			
Limestone	3.5	18	
Shale, gray	2	20	
Boulder	1	21	Concretion?
Coal	5	26	
Slate, black	1.5	27.5	
Fire clay	1.5	29	
Shale, gray	11	40	
Shale, light-gray	30	70	
Shale, boots, light-gray	5	75	
Shale, sandy, gray	16	91	
Shale, sandy, dark-gray	2	93	
Coal	2	95	
Slate, black	3	98	
Shale, sandy, light-gray	5	103	
Sandstone, gray	2	105	
Shale, sandy, light-gray	10	115	
Shale, sandy, gray	22	137	
Coal	4	141	

Well 7/7W-15K1

Type of record: Driller's log. Altitude: About 545 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay, yellow	22	22	
Pennsylvanian system:			
Middle series:			
Limestone	3	25	
Shale	10	35	
Shale, sandy	25	60	
Shale, dark	5	65	
Shale and coal	7	72	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/7W-15P2

Type of record: Driller's log. Altitude: About 565 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Surface	12	12	
Hardpan	2	14	
Pennsylvanian system:			
Middle series:			
Shale, gray	38	52	
Shale, sandy, gray	13	65	
Boulder	1.5	66.5	Concretion?
Slate, black	3.5	70	
Coal	1	71	
Shale, sandy, light-gray	9	80	
Sandstone, light-gray	2	82	
Shale, sandy, light-gray	10	92	
Shale, sandy, gray	7	99	
Mine opening	1	100	
Shale, broken	15	115	

Well 7/7W-15Q2

Type of record: Driller's log. Altitude: About 540 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Surface	15	15	
Hardpan	7	22	
Pennsylvanian system:			
Middle series:			
Rock	2	24	Limestone?
Coal and slate	3	27	
Fire clay	2	29	
Shale, soft, light-gray	8	37	Lost water at 37 feet.
Sandstone, light-gray	3	40	
Shale, sandy, light-gray	15	55	
Shale, gray	14	69	
Shale, broken	5	74	
Mine opening	8	82	

Well 7/7W-16N1

Type of record: Driller's log. Altitude: About 555 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Surface and clay	15	15	
Hardpan	5	20	
Pennsylvanian system:			
Middle series:			
Slate, gray	4	24	
Limestone, hard	3	27	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/7W-16N1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Middle series:			
Slate, dark	3	30	
Coal	4	34	
Shale, gray	8	42	
Shale, sandy	12	54	
Slate, dark	65	119	
Limestone, hard	2	121	
Slate, black	2	123	
Coal	4	127	

Well 7/7W-19J3

Type of record: Driller's log. Altitude: About 490 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay, soft, sandy	12	12	
Clay, blue	8	20	
Sand, muddy	5	25	W.B.
Gravel and sand	23	48	W.B.
Gravel, hard packed	1	49	W.B.
Sand and gravel	5	54	W.B.
Clay, blue	4	58	
Pennsylvanian system:			
Middle series:			
Shale	1	59	

Well 7/7W-19L1

Type of record: Driller's log. Altitude: About 495 feet.

Quaternary system:			
Recent and Pleistocene series:			
Earth	14	14	
Boulder	3.5	17.5	
Pennsylvanian system:			
Middle series:			
Shale	4	21.5	
Coal	6	27.5	
Shale, soft, blue	5	32.5	
Shale, gray	.5	33	
Fire clay	1	34	
Shale, clayey	4.5	38.5	
Shale, black	4.5	43	
Shale, clayey	2.5	45.5	
Conglomerate	6	51.5	
Shale, clayey	1.5	53	
Conglomerate	3	56	
Shale, clayey	1	57	
Conglomerate	6	63	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/7W-19L1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Middle series:			
Sandstone	9	72	
Shale and sandstone	1.6	73.6	
Sandstone and shale	4.9	78.5	
Sandstone	2.5	81	
Shale, gray	10	91	
Rock, hard, and limestone	6	97	
Shale, black	3.2	100.2	
Coal	6.6	106.8	
Shale, black	1.2	108	

Well 7/7W-19N1

Type of record: Driller's log. Altitude: About 510 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	12	12	
Pennsylvanian system:			
Middle series:			
Shale	52.5	64.5	
Slate, black	1	65.5	
Coal	2.5	68	
Shale, gray and dark-gray	22	90	
Slate, black	5	95	
Coal	1	96	
Fire clay	10	106	
Sandstone	3	109	
Shale	1.5	110.5	
Coal	6	116.5	
Fire clay	1.5	118	
Shale, dark	2	120	

Well 7/7W-21J1

Type of record: Driller's log. Altitude: About 525 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface, soft	43.5	43.5	
Pennsylvanian system:			
Middle series:			
Slate	5.5	49	
Shale	5	54	
Sandstone, layers of limestone	20	74	
Shale, brown, layers of limestone	26	100	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/7W-22B2

Type of record: Driller's log. Altitude: About 530 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, yellow	16	16	
Hardpan	5	21	
Pennsylvanian system:			
Middle series:			
Shale, dark	7	28	
Fire clay	4	32	
Shale, sandy	5	37	
Limestone, hard	3	40	
Shale, sandy	5	45	
Limestone	3	48	
Shale, sandy	7	55	
Shale, light	10	65	
Mine opening	5	70	

Well 7/7W-22G5

Type of record: Driller's log. Altitude: About 530 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Surface and clay	19	19	
Pennsylvanian system:			
Middle series:			
Steel band	1.5	20.5	
Shale, black	4.5	25	
Fire clay	7	32	
Shale	23	55	
Shale, dark	15	70	
Mine opening	----	70	

Well 7/7W-22M1

Type of record: Driller's log. Altitude: About 550 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, yellow	15	15	
Pennsylvanian system:			
Middle series:			
Shale, gray	55	70	
Limestone, hard	2	72	
Slate, black	3	75	
Coal	3	78	
Fire clay	2	80	
Shale, sandy	25	105	
Shale, dark	13	118	
Coal	5	123	
Sandstone	10	133	W.B.

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/7W-22M1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Middle series:			
Shale, dark	14	147	

Well 7/7W-25P1

Type of record: Driller's log. Altitude: About 500 feet.

Quaternary system:			
Recent and Pleistocene series:			
Soil	13	13	
Pennsylvanian system:			
Middle series:			
Sandstone, shaly	4	17	
Shale	1	18	
Coal	5	23	

Well 7/7W-26C2

Type of record: Driller's log. Altitude: About 520 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	17.5	17.5	
Pennsylvanian system:			
Middle series:			
Sandstone	10.5	28	
Shale, gray	11	39	
Mine opening	2	41	
Slate, fallen	16	57	
Sandstone, gray	8	65	
Sandstone, white	2	67	
Shale, sandy, gray	15	82	
Slate, black	12	94	
Coal	1	95	
Shale, light-gray	2	97	
Shale, sandy, gray	7	104	
Coal	1.5	105.5	
Shale, sandy, gray	2.5	108	
Shale, boots, gray	2	110	
Shale, sandy, gray	8	118	
Sandstone, white	2	120	
Shale, sandy, gray	9	129	

Well 7/7W-27A1

Type of record: Driller's log. Altitude: About 540 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface and clay	16	16	
Hardpan	6	22	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/7W-27A1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Middle series:			
Shale, soft	7	29	
Limestone, hard	3	32	
Coal	2	34	
Fire clay	4	38	
Sandstone	4	42	
Shale, light	8	50	
Shale, sandy	12	62	
Slate, dark	10	72	
Shale, broken	5	77	
Coal	6	83	W.B.

Well 7/7W-27C1

Type of record: Driller's log. Altitude: About 530 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	17	17	
Pennsylvanian system:			
Middle series:			
Shale, soft	25	42	
Slate, black	3	45	
Shale, dark	2	47	
Coal	3	50	
Fire clay	2	52	
Shale, sandy	21	73	
Slate, gray	11	84	
Coal	5	89	
Fire clay	1	90	
Shale, sandy, gray	20	110	
Slate, dark	11	121	
Coal	2	123	
Shale, sandy, gray	11	134	
Coal	2	136	
Shale, gray	6	142	
Coal	2.5	144.5	
Shale, gray	32.5	177	
Shale, slick, gray	5	182	
Blackjack	.5	182.5	
Coal	2.5	185	
Shale, gray	9	194	
Sandstone, gray	6	200	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/7W-27J1

Type of record: Driller's log. Altitude: About 575 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Surface	12	12	
Pennsylvanian system:			
Middle series:			
Sandstone, yellow	4	16	
Shale	6	22	
Shale, gray	68	90	
Slate, black	.5	90.5	
Steel band	2.5	93	
Slate, black	1.5	94.5	
Coal	1.5	96	
Fire clay	6.5	102.5	
Sandstone	1	103.5	
Shale, white	3	106.5	
Sandstone	7	113.5	
Shale	8	121.5	
Shale, crevice	3	124.5	W.B.
Shale	.5	125	W.B.

Well 7/7W-29P1

Type of record: Driller's log. Altitude: About 485 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Surface	17	17	
Pennsylvanian system:			
Middle series:			
Shale, dark	5	22	
Coal	1	23	
Fire clay	2	25	
Shale, gray	15	40	
Shale, blue	65	105	
Slate, black	.5	105.5	
Steel band	2.5	108	
Slate, black	4	112	
Coal	.5	112.5	
Fire clay	.5	113	
Shale	1.5	114.5	
Sandstone	1	115.5	
Shale, sandy	10	125.5	
Sandstone	5.5	131	
Shale, white	7	138	
Sandstone, white	1.5	139.5	
Shale, gray	4	143.5	
Coal	3.5	147	
Shale, blue	29.5	176.5	
Coal	.5	177	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/7W-29P1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Middle series:			
Shale, sandy	11	188	
Shale, blue	9	197	
Slate, black	10	207	
Fire clay	7	214	
Shale, gray	2.5	216.5	
Rock and coal	4	220.5	
Coal	4	224.5	W.B.
Fire clay	5.5	230	
Shale, sandy	2	232	
Sandstone	8	240	

Well 7/7W-30L1

Type of record: Driller's log. Altitude: About 510 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay, yellow	20	20	
Pennsylvanian system:			
Middle series:			
Shale, blue	10	30	
Shale, white	10	40	
Shale, black	7	47	
Coal	4	51	
Fire clay	10	61	
Sandstone	6	67	W.B.
Limestone, brown	3	70	
Shale, sandy	10	80	
Shale, dark	11	91	
Coal	4	95	
Sandstone	7	102	W.B.

Well 7/7W-31D1

Type of record: Driller's log. Altitude: About 570 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	17	17	
Pennsylvanian system:			
Middle? series:			
Coal	3	20	
Fire clay	5.5	25.5	
Shale, sandy	1	26.5	
Sandstone	2.5	29	
Shale, gray	33	62	
Mine opening	7	69	Filled 64 to 69 feet.
Fire clay	5	74	
Shale, blue	7.5	81.5	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/7W-31D1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Middle? series:			
Shale, sandy	2	83.5	
Sandstone	2	85.5	
Shale, sandy	4.5	90	
Sandstone	6	96	
Shale, gray	11	107	
Sandstone	3.5	110.5	
Shale, dark	4	114.5	
Limestone	3.5	118	
Slate, black	1.5	119.5	
Coal	4	123.5	
Fire clay	4.5	128	
Shale, sandy	15	143	
Sandstone	7.5	150.5	
Shale, gray	12.5	163	
Sandstone	3	166	
Shale, sandy	9.5	175.5	
Sandstone	9	184.5	
Shale, gray	61.5	246	
Slate, black	5.5	251.5	
Coal	.5	252	
Fire clay	4.5	256.5	
Sandstone	29.5	286	
Shale, blue	9	295	
Sandstone	7	302	
Shale, sandy	15	317	
Slate, black	7	324	
Coal	.5	324.5	
Fire clay	6.5	331	
Shale, sandy	2.5	333.5	
Coal	1.5	335	
Rock	4.5	339.5	
Fire clay	1.5	341	
Coal	4.5	345.5	
Shale, white	4.5	350	
Shale, sandy	1	351	
Sandstone	9	360	Saline water.

Well 7/7W-32C1

Type of record: Driller's log. Altitude: About 485 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	16	16	
Pennsylvanian system:			
Middle? series:			
Shale, sandy	3	19	
Shale, gray	6	25	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/7W-32C1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Middle? series:			
Shale, blue	10	35	
Shale, gray	11	46	
Shale, blue	43	89	
Shale, soft	1.5	90.5	
Slate, black	1.5	92	
Steel band	2	94	
Slate, black	3	97	
Coal	1.5	98.5	
Fire clay	2.5	101	
Sandstone	6	107	
Shale, sandy	2	109	
Sandstone	15	124	W.B.
Shale	1	125	
Coal	.5	125.5	
Fire clay	1	126.5	
Shale, sandy	3	129.5	
Sandstone	12	141.5	
Shale, blue	16.5	158	
Sandstone	10	168	
Shale, blue	14	182	
Slate, black	8.5	190.5	
Fire clay	6	196.5	
Lower? series:			
Shale, gray	3.5	200	
Rock and coal	3	203	W.B.; limestone? and coal.
Fire clay	4	207	
Shale, gray	12	219	
Limestone	3	222	
Shale, gray	12	234	
Slate, black	5	239	
Shale, blue	9	248	

Well 7/7W-32R1

Type of record: Driller's log. Altitude: About 485 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface, brown	18	18	
Mud, blue	2	20	
Pennsylvanian system:			
Middle series:			
Shale, soft, light-gray	15	35	Trace of coal at 22 feet.
Shale, boots, light-gray	38	73	
Slate and coal	2	75	
Boulder	2	77	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/7W-32R1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Middle series:			
Fire clay	2	79	
Shale, sandy, boots, light-gray	25	104	
Sandstone, light-gray	8	112	
Coal	.5	112.5	
Shale, boots, brownish-gray	12.5	125	
Shale, sandy, gray	9	134	
Coal, trace	----	134	
Sandstone, light-gray	2	136	
Shale, sandy, gray	14	150	
Shale, boots, gray	8.5	158.5	
Slate, black	1	159.5	
Coal	.5	160	Gas.
Shale, gray	3	163	
Slate and coal	3	166	
Sandstone, gray	.5	166.5	
Slate and coal	2	168.5	
Coal	1.5	170	
Fire clay	5	175	
Coal	2	177	Gas.
Fire clay	.5	177.5	
Limestone, brown	1.5	179	
Shale, sandy, gray	3	182	
Shale, sandy, boots, light-gray	9	191	
Shale, sandy, light-gray	9	200	
Lower? series:			
Coal, trace	----	200	
Shale, gray	4.5	204.5	
Coal	.5	205	
Limestone, hard, brown	3	208	
Shale, gray	2	210	
Sandstone, medium-gray	8	218	
Slate, brown	6	224	
Shale, sandy, boots, dark-gray	10.5	234.5	
Limestone, hard, brown; chert	2.5	237	
Slate, black	4	241	
Coal	2	243	
Fire clay	3	246	
Shale, gray	5	251	

Well 7/7W-34Q1

Type of record: Driller's log. Altitude: About 480 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	10	10	
Hardpan, sandy	12	22	
Mud	6	28	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 7/7W-34Q1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Middle series:			
Shale	33	61	
Coal and fire clay	1	62	
Shell band	2	64	
Shale	2	66	
Coal	2	68	
Fire clay	8	76	
Sandstone, white	7	83	W.B.
Shale	18	101	

Well 7/7W-36F1

Type of record: Driller's log. Altitude: About 520 feet.

Quaternary system:			
Recent and Pleistocene series:			
Soil	16	16	
Pennsylvanian system:			
Middle series:			
Shale, clayey	2	18	
Coal	5	23	

Well 8/3W-14E1

Type of record: Driller's log from memory. Altitude: About 720 feet.

Quaternary system:			
Surface	4	4	
Mississippian system:			
Chester series:			
Sandstone	20	24	
Shale	40	64	
Meramec? series:			
Limestone	76	140	W.B. 135 to 140 feet.

Well 8/3W-17P1

Type of record: Driller's log. Altitude: About 623 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay, yellow	28	28	
Clay, soft, blue	14	42	
Mud, soft, blue	18	60	
Mud, yellow	5	65	W.B.
Mississippian system:			
Chester series:			
Limestone, gray	32	97	W.B.
Soapstone	13	110	
Limestone, hard, gray	18	128	
Shale, soft, gray	2	130	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/3W-17P1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Mississippian system:			
Meramec? series:			
Limestone, gray	85	215	
Limestone and shale, broken	5	220	
Shale, gray	10	230	
Limestone, gray	12	242	
Shale	3	245	
Limestone	11	256	
Sandstone, brown	4	260	
Limestone, hard, brown	4	264	
Limestone, rotten	13	277	
Limestone, brown	10	287	
Limestone, soft, gray	41	328	
Limestone, broken	4	332	
Limestone, soft, gray	120	452	Sulfur water at 365 feet; T.D. 1,270 feet.

Well 8/3W-33J1

Type of record: Driller's log from memory. Altitude: About 820 feet.

Quaternary system:			
Surface	5	5	
Mississippian system:			
Chester series:			
Shale	20	25	
Sandstone	115	140	
Mud streak	8	148	Solution cavity in limestone?
Sandstone	52	200	W.B.

Well 8/4W-17B1

Type of record: Driller's log. Altitude: About 750 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay	18	18	
Pennsylvanian system:			
Lower series:			
Sandstone	6	24	
Shale, sandy, gray	4	28	
Mississippian? system:			
Chester? series:			
Sandstone	2	30	
Cave	4	34	W.B. solution cavity in limestone(?).
Sandstone	11	45	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/4W-19L1

Type of record: Driller's log. Altitude: About 565 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Soil	12	12	
Pennsylvanian system:			
Lower? series:			
Sandstone, brown	8	20	
Mississippian system:			
Chester series:			
Shale, sandy	13	33	
Limestone	33	66	
Shale	3	69	
Sandstone, coarse	4	73	
Shale, gray	33	106	

Well 8/4W-19M1

Type of record: Driller's log. Altitude: About 580 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	26	26	
Sand and gravel, brown	17	43	
Mississippian system:			
Chester series:			
Sandstone, brown	22	65	
Limestone	21	86	W.B.

Well 8/4W-21K1

Type of record: Driller's log. Altitude: About 750 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay	8	8	
Pennsylvanian system:			
Lower? series:			
Sandstone	8	16	
Shale	33	49	
Mississippian system:			
Chester series:			
Limestone	4	53	
Shale	43	96	
Sandstone, hard	5	101	
Shale, red	3	104	
Shale, green	13	117	
Sandstone	23	140	
Limestone	23	163	
Shale, sandy	2	165	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/4W-24P1

Type of record: Driller's log from memory. Altitude: About 780 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Surface	12	12	
Pennsylvanian system:			
Lower series:			
Sandstone	20	32	
Shale	13	45	
Coal	3	48	
Mississippian? system:			
Chester? series:			
Shale and sandstone	27	75	W.B.

Well 8/4W-26N1

Type of record: Driller's log. Altitude: About 680 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Surface	22	22	
Gravel and clay, mixed colored	12	34	
Mississippian system:			
Chester series:			
Sandstone, yellow	23	57	
Shale, gray	19	76	Lost water at 76 feet.
Sandstone, brown	6	82	
Cavity, filled with clay, blue, and gravel	16	98	

Well 8/4W-26N2

Type of record: Driller's log. Altitude: About 680 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Surface	16	16	
Clay, sand, and gravel	16	32	
Mississippian system:			
Chester series:			
Sandstone, mixed in color	26	58	
Shale, gray	15	73	Lost water at 73 feet.
Sandstone, brown	10	83	
Shale, gray	18	101	
Sandstone, hard, brown	4	105	
Shale, brown	17	122	W.B.
Shale, soft	17	139	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/4W-32C1

Type of record: Driller's log. Altitude: About 610 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Quicksand and mud	24	24	
Mississippian system:			
Chester series:			
Shale, soft	9	33	
Rock	35	68	Sandstone?.

Well 8/4W-32J1

Type of record: Driller's log. Altitude: About 575 feet.

Mississippian system:			
Chester series:			
Sandstone	25	25	
Limestone, cavernous	3	28	
Cave, boulders on floor of cave	4	32	

Well 8/5W-2G2

Type of record: Driller's log. Altitude: About 650 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	14	14	
Pennsylvanian system:			
Lower series:			
Sandstone, yellow	9	23	
Shale, gray	2	25	
Sandstone, light-gray	9	34	
Shale, soft, gray	1	35	
Sandstone, gray	3	38	
Shale, soft, gray	1	39	
Sandstone, gray	1	40	
Shale, sandy, gray	8	48	
Sandstone, gray	10	58	
Shale, sandy, gray	14	72	
Shale, sandy, light-gray	8	80	
Sandstone, gray	27	107	
Shale, sandy, gray	21	128	
Slate, black	1.5	129.5	
Coal	.5	130	
Sandstone, gray	6	136	
Mississippian system:			
Chester series:			
Shale, sandy, gray	21	157	
Limestone	26	183	
Shale, sandy, gray	2	185	
Shale, gray	3	188	
Shale, sandy, red	18	206	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/5W-2G2--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Mississippian system:			
Chester series:			
Shale, sandy, gray, and sandstone streaks	17	223	
Shale, gray	4	227	
Shale, sandy, gray	5	232	
Sandstone, gray	4	236	W.B.
Sandstone, white	9	245	W.B.
Limestone	2	247	

Well 8/5W-3H1

Type of record: Driller's log. Altitude: About 705 feet.

Undifferentiated:a/			
Surface	5	5	
Pennsylvanian system:			
Lower series:			
Sandstone, brown	49	54	
Coal, trace	----	54	W.B.
Shale, gray, and fire clay	25	79	
Shale, black	6	85	
Shale, gray	15	100	
Sandstone	----	100	

Well 8/5W-4F1

Type of record: Driller's log. Altitude: About 600 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay, yellow	21	21	
Pennsylvanian system:			
Lower series:			
Sandstone, gray	4	25	
Mud, blue	5	30	
Slate, gray	9	39	
Sandstone, gray	8	47	
Slate, light-gray	35	82	
Sandstone, light-brown	18	100	
Sandstone, red	35	135	W.B.
Sandstone, yellow	27	162	W.B.
Limestone, sandy, gray	2	164	
Sandstone, light-gray, with slate breaks	42	206	
Mississippian? system:			
Chester? series:			
Slate, green	6	212	
Limestone, sandy, gray	6	218	
Slate, gray	16	234	

a/ Unglaciated area; geologic age unknown.

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/5W-4F1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Mississippian? system:			
Chester? series:			
Limestone, gray	4	238	
Slate, gray	13	251	
Sandstone, light-gray	15	266	
Limestone, hard, gray	14	280	
Slate, blue	10	290	
Limestone, hard, gray	25	315	T.D.?

Well 8/5W-7Q1

Type of record: Driller's log. Altitude: About 620 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil	12	12	
Pennsylvanian system:			
Lower series:			
Sandstone	27	39	
Shale, gray	2	41	
Sandstone	13	54	
Shale, sandy	20	74	
Coal	2	76	
Fire clay	3	79	
Shale, gray	6	85	
Sandstone	25	110	W.B.
Shale, gray	40	150	

Well 8/5W-8F1

Type of record: Driller's log. Altitude: About 565 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	14	14	
Pennsylvanian system:			
Lower series:			
Sandstone, yellow	9	23	
Sandstone, gray, with shale streaks	16	39	
Sandstone, white	2	41	
Sandstone, yellow	11	52	
Shale, sandy, gray	7	59	
Sandstone, gray	28	87	
Sandstone, extra hard, gray	3	90	
Shale, sandy, boots, gray	8	98	
Sandstone, light-gray	13	111	
Shale, sandy, hard, gray	27	138	
Coal	3	141	
Shale, sandy, gray	2.5	143.5	
Sandstone, light-gray	3.5	147	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/5W-8F1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Lower series:			
Sandstone, extra hard, light-gray	3	150	
Mississippian system:			
Chester series:			
Sandstone, white	18	168	
Limestone, white	30	198	
Shale, sandy, gray	4	202	
Shale, sandy, light-gray	12	214	
Shale, brown	2	216	
Shale, sandy, gray	11	227	
Sandstone, light-gray	3	230	
Shale, brown	2	232	
Shale, sandy, gray with brown streaks	13	245	
Sandstone, white	47	292	W.B.

Well 8/5W-8G1

Type of record: Driller's log. Altitude: About 545 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	12	12	
Pennsylvanian system:			
Lower series:			
Sandstone, yellow	3	15	
Shale, white	2	17	
Sandstone, white	6	23	
Shale, soft, dark	3	26	
Shale, sandy, gray	18	44	
Shale, sandy, dark-gray	7	51	
Blackjack	.5	51.5	
Shale, sandy, light-gray	2.5	54	
Sandstone, white	17.5	71.5	
Shale, sandy, gray	1	72.5	
Sandstone, white	1.5	74	
Shale, sandy, gray	5	79	
Sandstone, white	9	88	
Shale, sandy, gray	14	102	
Sandstone, gray	6	108	
Shale, sandy, gray	4	112	
Sandstone, gray	4	116	
Mississippian system:			
Chester series:			
Sandstone, white	14	130	
Limestone	26	156	W.B. 130 to 141 feet and 146 to 156 feet.
Shale, gray	2	158	
Sandstone, light-gray	1	159	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/5W-8G1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Mississippian system:			
Chester series:			
Shale, sandy, gray	3	162	
Shale, dark-gray	2	164	
Shale, olive	3.5	167.5	
Shale, maroon	4.5	172	
Shale, olive	3	175	

Well 8/5W-9B1

Type of record: Driller's log. Altitude: About 530 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil	6	6	
Pennsylvanian system:			
Lower series:			
Shale, sandy	8	14	
Shale, gray	20	34	
Shale, sandy	5	39	
Shale, gray	31	70	
Sandstone, gray	15	85	
Sandstone, brown	10	95	W.B.
Sandstone, gray	10	105	W.B.

Well 8/5W-9C1

Type of record: Driller's log. Altitude: About 525 feet.

Quaternary system:			
Recent and Pleistocene series:			
Hardpan	52	52	
Pennsylvanian system:			
Lower series:			
Sandstone, red	3	55	
Sandstone, yellow	3	58	W.B.

Well 8/5W-10P1

Type of record: Driller's log. Altitude: About 580 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	17	17	
Pennsylvanian system:			
Lower series:			
Shale, blue	8	25	
Shale, sandy, hard, blue	45	70	
Shale, sandy, dark-blue	34	104	
Coal	1	105	
Shale, gray	4	109	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/5W-12R1

Type of record: Driller's log. Altitude: About 525 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Surface	10	10	
Sand and clay	18	28	
Sand	22	50	
Hardpan and gravel	15	65	
Mississippian system:			
Chester series:			
Limestone	7	72	
Sandstone, hard	10	82	
Sandstone, white	46	128	W.B.
Shale, sandy	5	133	

Well 8/5W-14D1

Type of record: Driller's log. Altitude: About 600 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand	31	31	
Pennsylvanian system:			
Lower series:			
Sandstone, red	2	33	
Shale, white	10	43	
Shale, sandy, gray	30	73	
Coal	1	74	
Fire clay	2	76	
Sandstone, white	4	80	W.B.

Well 8/5W-15C1

Type of record: Driller's log. Altitude: About 590 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, red	32	32	
Pennsylvanian system:			
Lower series:			
Sandstone, red	5	37	
Sandstone, gray	8.5	45.5	
Shale, sandy, gray	8.5	54	
Shale, sandy, white	1.5	55.5	
Limestone	.5	56	
Sandstone, white	50	106	W.B.
Shale, sandy, gray	26	132	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/5W-16A1

Type of record: Driller's log. Altitude: About 530 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Top soil	14	14	
Quicksand	18	32	
Muck, blue	6	38	
Pennsylvanian system:			
Lower series:			
Coal, trace	----	38	
Shale, gray	7	45	W.B.
Coal, trace	----	45	
Shale, gray	15	60	W.B.

Well 8/5W-16Q1

Type of record: Driller's log. Altitude: About 540 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay	14	14	
Pennsylvanian system:			
Lower series:			
Sandstone	6	20	
Shale, sandy, gray	60	80	
Sandstone	15	95	W.B.
Shale, sandy, gray	10	105	

Well 8/5W-16R2

Type of record: Driller's log. Altitude: About 570 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	22	22	
Pennsylvanian system:			
Lower series:			
Shale, sandy, dark-gray	8	30	
Shale, sandy, light-gray	20	50	
Sandstone, brown and gray	29	79	
Shale, blue	11	90	
Sandstone, white	10	100	
Sandstone, dark-gray	26	126	
Shale, gray	22	148	
Sandstone, mixed gray and white	127	275	Channel fill?.

Well 8/5W-17H1

Type of record: Driller's log. Altitude: About 618 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand	20	20	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/5W-17H1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Mud, blue	20	40	
Pennsylvanian system:			
Lower series:			
Shale, sandy, gray	102	142	
Sandstone, white	2	144	W.B.
Sandstone, red and white	11	155	W.B.

Well 8/5W-17J1

Type of record: Driller's log. Altitude: About 530 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand	48	48	
Pennsylvanian system:			
Lower series:			
Shale, sandy	24	72	
Sandstone, red	1	73	W.B.
Sandstone, white	24	97	W.B.

Well 8/5W-18C1

Type of record: Driller's log. Altitude: About 580 feet.

No record	72	72	
Pennsylvanian system:			
Lower series:			
Steel band	1	73	
Shale, sandy	7	80	
Shale, gray	4	84	
Shale, sandy	34	118	
Shale, gray	9	127	
Coal, trace	----	127	
Sandstone	31	158	
Shale, sandy	9	167	
Shale, gray	13	180	
Shale, sandy	35	215	
Sandstone	25	240	W.B.

Well 8/5W-21A1

Type of record: Driller's log. Altitude: About 580 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand, brown and yellow	37	37	
Pennsylvanian system:			
Lower series:			
Shale, sandy, gray	4	41	
Sandstone, gray	4	45	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/5W-21A1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Lower series:			
Shale, sandy, gray	4	49	
Coal	.5	49.5	
Fire clay	1.5	51	
Shale, sandy, medium-gray	12	63	
Shale, dark-gray	15	78	
Shale, sandy, gray	5	83	
Coal and slate	2	85	
Fire clay	1	86	
Sandstone, gray	5	91	
Shale, boots, gray	6	97	
Sandstone, light-gray	3	100	
Shale, sandy, light-gray	2	102	
Sandstone, light-gray	8.5	110.5	
Shale, sandy, gray	5.5	116	
Sandstone and dark-gray, sandy shale	6	122	Trace of coal at 120 feet.
Shale, sandy, light-gray	3	125	

Well 8/5W-21B1

Type of record: Driller's log. Altitude: About 535 feet.

No record	80	80	
Pennsylvanian system:			
Lower series:			
Shale, sandy, light-gray	11	91	
Shale, gray	3	94	
Shale, sandy, light-gray	6	100	
Shale, gray	10	110	
Shale, sandy, gray	13	123	
Sandstone, light-gray	9	132	Trace of coal at 125 feet.
Shale, sandy, limey, white	8	140	
Shale, sandy, limey, gray	6	146	

Well 8/5W-21B2

Type of record: Driller's log. Altitude: About 510 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface, sandy	9	9	
Pennsylvanian system:			
Lower series:			
Sandstone, cream with red streaks	20	29	
Mud, blue	12	41	
Slate, black	3	44	
Coal	.5	44.5	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/5W-21B2--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Lower series:			
Fire clay	1.5	46	
Shale, soft, light-gray	4	50	
Sandstone, light-gray	8	58	W.B.
Shale, gray	5.5	63.5	

Well 8/5W-21K2

Type of record: Driller's log. Altitude: About 630 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand	32	32	
Pennsylvanian system:			
Lower series:			
Sandstone, yellow	4	36	
Shale, sandy, yellow	6	42	
Shale, gray	8	50	Trace of coal at 43 feet.
Sandstone, gray	6	56	Trace of coal at 55 feet.
Shale, sandy, gray	7	63	
Shale, dark-gray	7	70	
Shale, sandy, light-gray	3	73	
Coal	.5	73.5	
Fire clay	4	77.5	
Shale, sandy, gray	7.5	85	
Shale, soft, dark-gray	4	89	
Shale, hard, dark-gray	7	96	
Shale, sandy, light-gray	5	101	
Sandstone, light-gray	24	125	
Shale, dark-gray	9	134	
Slate, black	6	140	
Shale, sandy, light-gray	2	142	
Shale, sandy, brownish-gray	4	146	
Sandstone, light-gray	3	149	
Shale, sandy, light-gray	11	160	
Shale, sandy, gray	25	185	
Limestone and shale	2	187	
Shale, sandy, gray	13	200	
Shale, sandy, light-gray	5	205	
Limestone and sandstone	3.5	208.5	
Shale, sandy, gray	66.5	275	
Shale, sandy, gray	5	280	
Mississippian? system:			
Chester? series:			
Sandstone	21	301	W.B.

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/5W-21L1

Type of record: Driller's log. Altitude: About 580 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Surface	5	5	
Pennsylvanian system:			
Lower series:			
Sandstone, yellow	7	12	
Shale, dark-gray	14.5	26.5	
Sandstone, white	9.5	36	
Sandstone, gray	12	48	
Sandstone, dark-gray	7	55	
Sandstone, gray	2	57	
Shale, sandy, gray	23.5	80.5	
Coal and blackjack	2.5	83	W.B.
Shale, sandy, gray	1.5	84.5	
Sandstone, light-gray	11.5	96	W.B.

Well 8/5W-21L2

Type of record: Driller's log. Altitude: About 550 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Top soil	10	10	
Pennsylvanian system:			
Lower series:			
Sandstone	5	15	
Shale, sandy	6	21	
Sand and gravel	2	23	Conglomerate.
Shale, sandy	27	50	
Shale, gray	11	61	
Sandstone	32	93	
Shale, gray	17	110	
Shale, sandy	16	126	
Sandstone	5	131	W.B.
Shale, gray	11	142	

Well 8/5W-21P1

Type of record: Driller's log. Altitude: About 595 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene? series:			
Soil	3	3	
Pennsylvanian system:			
Lower series:			
Sandstone, brown	4	7	
Shale, sandy, light-gray	5	12	
Shale, sandy, brown	10	22	
Shale, dark-gray	9	31	
Coal	.5	31.5	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/5W-21P1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Lower series:			
Fire clay	1.5	33	
Shale, sandy, light-gray	4	37	
Sandstone, light-gray	1	38	
Shale, sandy, light-gray	4	42	
Sandstone, buff	6	48	
Shale, sandy, light-gray	2	50	
Shale, sandy, buff	3.5	53.5	
Sandstone, light-gray	3.5	57	
Shale, sandy, light-gray	1	58	
Sandstone, light-gray	5	63	
Shale, soft, dark-gray	9	72	
Shale, black	8	80	
Coal	.5	80.5	
Fire clay	.5	81	
Shale, gray	3	84	
Shale, soft, light-gray	2	86	
Shale, sandy, light-gray	15	101	
Sandstone, light-gray	9	110	W.B.
Shale, sandy, gray	14	124	
Sandstone, gray	6	130	
Sandstone, light-gray	4	134	
Shale, sandy, dark-gray	13	147	
Shale, sandy, gray	26	173	
Sandstone	17	190	W.B.

Well 8/5W-21P2

Type of record: Driller's log. Altitude: About 600 feet.

Quaternary system:			
Recent and Pleistocene? series:			
Surface	3	3	
Pennsylvanian system:			
Lower series:			
Sandstone, brown	6	9	
Sandstone, with streaks of gray shale	50	59	
Shale, gray	31	90	
Coal	1	91	
Fire clay	2	93	
Sandstone, gray	4	97	
Shale, gray	2	99	
Sandstone, gray	3	102	
Shale, light-gray	16	118	
Shale, sandy, gray	6	124	
Sandstone, gray	5	129	
Shale, sandy, gray	3	132	
Sandstone, gray	10	142	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/5W-21P2--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Lower series:			
Shale, sandy, gray	2	144	
Shale, light-gray	3	147	
Shale, sandy, gray	9	156	
Sandstone, gray	8	164	
Shale, sandy, gray	26	190	
Sandstone, gray	5	195	
Sandstone, white	15	210	
Sandstone, gray	5	215	

Well 8/5W-23J1

Type of record: Driller's log. Altitude: About 640 feet.

No record	104	104	
Pennsylvanian system:			
Lower series:			
Shale, sandy, gray	35	139	
Sandstone, brown	4	143	W.B.
Mississippian system:			
Chester series:			
Sandstone, white	3	146	
Limestone	25	171	
Shale, gray	4	175	
Shale, red	3	178	
Shale, gray	8	186	
Sandstone	5	191	
Shale, red and gray	10	201	
Shale, sandy, gray	45	246	
Sandstone, white	6	252	W.B.

Well 8/5W-24H1

Type of record: Driller's log. Altitude: About 540 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	22	22	
Sand, red	10	32	
Muck, blue	9	41	
Muck, sandy, red	9	50	
Muck, pink	6	56	
Mississippian system:			
Chester series:			
Shale, sandy, gray	6	62	
Shale, sandy, very hard, gray	10	72	
Shale, red	7	79	
Shale, blue	3	82	
Sandstone, gray	33	115	
Shale, sandy, gray	5	120	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/5W-24H1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Mississippian system:			
Chester series:			
Shale, gray	8	128	
Shale, sandy, gray	2	130	
Sandstone, gray	11	141	
Shale, red	2	143	
Sandstone, gray	21	164	W.B.
Shale, boots, gray	8	172	
Limestone	2	174	

Well 8/5W-25B1

Type of record: Driller's log. Altitude: About 555 feet.

No record	20	20	
Mississippian system:			
Chester series:			
Sandstone	11	31	
Limestone	46	77	
Shale	2	79	
Limestone, sandy	7	86	
Shale, red	2	88	
Sandstone	4	92	W.B.
Limestone	8	100	
Shale, sandy	2	102	

Well 8/5W-25D1

Type of record: Driller's log. Altitude: About 580 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil	12	12	
Pennsylvanian system:			
Lower? series:			
Sandstone	8	20	
Mississippian system:			
Chester series:			
Muck, blue	7	27	
Sandstone, hard	.5	27.5	
Muck, blue	14.5	42	
Limestone, blue	3	45	
Muck, blue	12	57	W.B.
Sandstone	12	69	
Sandstone, hard, red	6	75	
Sandstone	2	77	
Sandstone, brown	2	79	
Sandstone, hard	11	90	
Limestone	13	103	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/5W-25E1

Type of record: Driller's log. Altitude: About 530 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Surface	2	2	
Sand	26	28	
Mississippian system:			
Chester series:			
Sandstone, red	2	30	
Sandstone, white and yellow	10	40	
Mud	7	47	W.B. solution opening in limestone (?).

Well 8/5W-26E1

Type of record: Driller's log. Altitude: About 520 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay, sandy	10	10	
Mud, sandy	10	20	
Quicksand	8	28	
Mud	22	50	
Pennsylvanian? system:			
Lower? series:			
Shale, sandy, dark-gray	18	68	
Mississippian system:			
Chester series:			
Shale, soft, light-green	10	78	
Shale, sandy, gray	11	89	
Sandstone	31	120	W.B.
Shale, sandy	10	130	

Well 8/5W-26F1

Type of record: Driller's log. Altitude: About 535 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil and loose sand	21	21	
Pennsylvanian? system:			
Lower? series:			
Sandstone	17	38	
Mississippian system:			
Chester series:			
Limestone	4	42	
Sandstone	11	53	W.B.

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/5W-28E1

Type of record: Driller's log. Altitude: About 530 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Surface and sandy pan----------	75	75	
Sand and pea gravel----------	5	80	
Hardpan----------	20	100	
Pennsylvanian system:			
Lower series:			
Shale, dark-gray----------	4	104	
Shale, sandy, gray----------	26	130	W.B.

Well 8/5W-29B1

Type of record: Driller's log. Altitude: About 510 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface, and reddish sand-------	7	7	
Sand, gray----------	23	30	W.B.
Gravel, fine----------	15	45	W.B.
Gravel, coarse----------	12	57	W.B.
Pennsylvanian system:			
Lower series:			
Shale, soft, gray----------	1	58	

Well 8/5W-30D1

Type of record: Driller's log. Altitude: About 515 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay, sandy, and mud----------	25	25	
Sand and gravel----------	4	29	
Mud, sandy----------	3.5	32.5	
Pennsylvanian system:			
Lower series:			
Sandstone, yellowish-brown------	1.5	34	
Shale, sandy, yellowish-brown---	2.5	36.5	
Sandstone, gray----------	1.5	38	
Sandstone, cream----------	29	67	
Sandstone, red----------	1	68	
Sandstone, yellowish----------	7	75	

Well 8/5W-32C1

Type of record: Driller's log. Altitude: About 510 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand and gravel----------	120	120	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/5W-32C1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Lower series:			
Sandstone	70	190	
Shale, dark	32	222	
Sandstone	4	226	
Mississippian? system:			
Chester? series:			
Shale, dark	2	228	
Limestone, gray	57	285	
Shale, green	2	287	
Limestone, gray	31	318	T.D. 1,491 feet.

Well 8/5W-36P1

Type of record: Driller's log. Altitude: About 660 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	4	4	
Hardpan	4	8	
Clay, yellow	12	20	
Sand, yellow	2	22	
Clay, yellow	18	40	
Sand, yellow	5	45	
Pennsylvanian system:			
Lower series:			
Slate, soft, black	1.5	46.5	
Coal	.5	47	
Sandstone, gray	5	52	
Shale, sandy, soft, gray	7	59	
Sandstone, gray	1	60	
Shale, sandy, gray	3.5	63.5	
Coal	2.5	66	
Fire clay	2	68	
Shale, sandy, gray	7	75	

Well 8/6W-1H1

Type of record: Driller's log. Altitude: About 565 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	21	21	
Pennsylvanian system:			
Lower series:			
Shale	125	146	
Sandstone	10	156	W.B.
Sandstone	4	160	
Sandstone, white	25	185	W.B.
Limestone	-----	185	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/6W-8H1

Type of record: Driller's log. Altitude: About 560 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Surface	15	15	
Pennsylvanian system:			
Lower series:			
Shale, gray	4	19	
Shale, sandy, gray	3	22	
Sandstone, gray	6	28	
Shale, sandy, gray	11	39	
Sandstone, light-gray	4	43	
Shale, sandy, gray	10.5	53.5	
Coal	.3	53.8	
Shale, sandy, gray	4.2	58	
Coal	.2	58.2	
Sandstone, light-gray	5.8	64	
Coal	2	66	
Fire clay	4	70	
Shale, brown	1	71	
Shale, sandy, gray	3	74	
Sandstone, gray	18	92	
Sandstone, white	7	99	
Shale, sandy, gray	2	101	
Sandstone, gray	11	112	
Shale, sandy, gray	11	123	
Sandstone, gray	6	129	
Shale, sandy, gray, and sandstone	21	150	

Well 8/6W-10M1

Type of record: Driller's log. Altitude: About 565 feet.

Quaternary system:			
Recent and Pleistocene series:			
Soil and dirt	10	10	
Pennsylvanian system:			
Lower series:			
Sandstone, shaly	4	14	
Shale, bluish	28	42	
Sandstone, dark-gray	3	45	
Coal	2	47	
Fire clay	2	49	
Sandstone, shaly	18	67	
Coal	2.3	69.3	
Fire clay	1.7	71	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/6W-12C1

Type of record: Driller's log. Altitude: About 590 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Top soil	16	16	
Pennsylvanian system:			
Lower series:			
Sandstone	9	25	
Shale, very soft, gray	33	58	
Shale, sandy	11	69	
Shale, gray	20	89	
Coal, trace	----	89	
Shale, gray	26	115	

Well 8/6W-12H1

Type of record: Driller's log. Altitude: About 640 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface and hardpan	28	28	
Pennsylvanian system:			
Lower series:			
Shale, sandy, blue	95	123	
Coal	1	124	
Shale, sandy, gray	12	136	
Slate, black	1	137	
Shale, sandy, gray	6	143	
Sandstone	52	195	W.B.

Well 8/6W-13J1

Type of record: Driller's log. Altitude: About 600 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	6	6	
Pennsylvanian system:			
Lower series:			
Sandstone, yellow	22	28	
Sandstone, hard, yellow	2	30	
Sandstone, soft, brown	3	33	
Sandstone, white	14.5	47.5	
Coal, trace	----	47.5	
Sandstone, gray	12.5	60	
Shale, sandy, gray	2	62	
Sandstone, white	3	65	
Coal	2	67	
Shale, white	4	71	
Shale, sandy, gray	1	72	
Sandstone, white	11	83	
Sandstone, gray	5	88	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/6W-13J1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Lower series:			
Shale, sandy, gray	13	101	
Sandstone, light-gray	32	133	
Sandstone, dark-gray	8	141	
Sandstone, white	5	146	
Sandstone, gray	19	165	
Sandstone, dark-gray	5	170	
Shale, sandy, light-gray	6	176	
Sandstone, gray	21	197	
Slate, black	7	204	
Shale, sandy, gray	6	210	
Shale, sandy, light-gray	5	215	
Sandstone, white	15	230	
Shale, sandy, gray	2	232	

Well 8/6W-14Q1

Type of record: Driller's log. Altitude: About 540 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay, brown	14	14	
Hardpan, brown	2	16	
Sand	70	86	
Pennsylvanian system:			
Lower series:			
Shale, gray	4	90	
Coal	3	93	W.B.
Clay	4	97	
Shale, gray	33	130	

Well 8/6W-15Q1

Type of record: Driller's log. Altitude: About 555 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil	16	16	
Pennsylvanian system:			
Lower series:			
Shale, sandy, rotten	20	36	
Coal, trace	----	36	
Shale, gray	3	39	
Sandstone	10	49	"Alum water".
Shale, gray	12	61	
Coal, trace	----	61	
Fire clay	3	64	
Shale, gray	26	90	
Sandstone	5	95	
Shale, gray	29	124	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/6W-15Q1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Lower series:			
Coal, trace	----	124	
Fire clay	2	126	
Shale, sandy	24	150	
Sandstone	5	155	
Shale, sandy	31	186	
Coal	1	187	
Fire clay	2	189	
Shale, sandy	26	215	
Sandstone	20	235	W.B.
Shale, gray	----	235	

Well 8/6W-16N1

Type of record: Driller's log. Altitude: About 585 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay and hardpan	19	19	
Pennsylvanian system:			
Lower series:			
Shale, sandy	5	24	
Shale, dark	14	38	
Sandstone	7	45	W.B.
Slate, dark	15	60	
Coal	3	63	
Fire clay	2	65	
Shale, gray	8	73	
Sandstone	9	82	
Shale, sandy	23	105	
Sandstone	13	118	W.B.
Shale, gray	20	138	
Shale, sandy, gray	4	142	
Coal	3	145	
Fire clay	3	148	
Sandstone, light-gray	2	150	
Shale, sandy, gray	3	153	W.B.
Shale, sandy, dark-gray	7	160	W.B.

Well 8/6W-18A1

Type of record: Driller's log. Altitude: About 535 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay, yellow	16	16	
Pennsylvanian system:			
Lower series:			
Sandstone, yellow	9	25	
Shale, sandy, brown	1.5	26.5	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/6W-18A1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Lower series:			
Sandstone, brown	9.5	36	
Coal, trace	----	36	
Sandstone, cream	11	47	
Sandstone, light-gray	8.5	55.5	Trace of coal at 55 feet.
Sandstone, gray	17.5	73	
Shale, sandy, gray	3	76	
Sandstone, gray	4	80	
Coal	1	81	
Fire clay	1.5	82.5	
Shale, sandy, light-gray	4.5	87	
Shale, sandy, gray	4	91	
Coal, trace	----	91	
Shale, dark-gray	2	93	
Shale, sandy, gray	2	95	
Sandstone, gray	3	98	
Shale and gray limestone	4	102	
Sandstone, light-gray	1	103	
Shale, sandy, gray	10	113	
Sandstone, light-gray	15	128	
Shale, sandy, gray	2	130	
Shale, dark-gray	16	146	
Shale, sandy, light-gray	4	150	
Shale, sandy, gray	10	160	
Coal	2	162	
Shale, sandy, light-gray	8	170	

Well 8/6W-18Q1

Type of record: Driller's log. Altitude: About 580 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface and hardpan	12.5	12.5	
Pennsylvanian system:			
Middle series:			
Sandstone, yellow	2	14.5	
Shale, sandy, yellow	3.5	18	
Shale, gray	3	21	Trace of coal at 20 feet.
Shale, soft, light-gray	19	40	
Lower series:			
Shale, gray	2	42	
Slate and coal	2.5	44.5	
Shale, gray	4.5	49	
Shale, sandy, medium-gray	9	58	
Coal, trace	----	58	
Sandstone, medium-gray	7	65	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/6W-18Q1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Lower series:			
Sandstone, light-gray	27	92	Trace of coal at 72 feet.
Sandstone, light-bluish-gray	23	115	
Shale, gray	3	118	
Coal	1	119	
Shale, sandy, gray	13	132	Trace of coal at 127 feet.
Sandstone, light-gray	8	140	W.B.
Coal	.5	140.5	
Shale, dark	11	151.5	Trace of coal at 151 feet.
Sandstone, gray	2.5	154	W.B.
Sandstone, light-gray	18	172	W.B.
Sandstone, gray	3.5	175.5	W.B.
Shale, sandy, gray	1	176.5	
Sandstone, gray	3.5	180	W.B.
Shale, dark-gray	12	192	
Shale, sandy, gray	20.5	212.5	
Coal	2	214.5	
Shale, sandy, light-gray	9.5	224	
Shale, gray	----	224	

Well 8/6W-18R1

Type of record: Driller's log. Altitude: About 575 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	12	12	
Hardpan and gravel	14	26	
Pennsylvanian system:			
Lower series:			
Rock, black	1	27	
Slate, black	1.5	28.5	
Shale, sandy, gray	3.5	32	
Sandstone, gray	2	34	W.B.
Shale, sandy, gray	11	45	
Sandstone, gray	2	47	
Shale, sandy, gray	7	54	
Sandstone, gray	6	60	
Sandstone, white	8	68	
Shale, sandy, gray	2	70	
Sandstone, white	48	118	W.B.
Shale, sandy, gray	5	123	
Sandstone, gray	4	127	
Shale, sandy, gray	3	130	
Sandstone, gray	3	133	
Shale, sandy, gray	13	146	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/6W-18R1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Lower series:			
Sandstone, light-gray	13	159	W.B.
Shale, sandy, gray	7	166	

Well 8/6W-19C1

Type of record: Driller's log. Altitude: About 580 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil	13	13	
Pennsylvanian system:			
Middle series:			
Coal	1	14	
Shale	36	50	
Lower? series:			
Coal	.5	50.5	
Shale	24.5	75	
Sandstone	45	120	
Shale, gray	20	140	
Shale, sandy	20	160	
Shale, dark-gray	10	170	
Limestone	2	172	
Shale	8	180	
Shale, sandy	14	194	
Shale, gray	51	245	
Coal	2	247	
Shale	25	272	

Well 8/6W-19E1

Type of record: Driller's log. Altitude: About 545 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	14	14	
Pennsylvanian system:			
Middle series:			
Shale	27.5	41.5	
Lower series:			
Rock	1.5	43	
Shale, sandy, gray	39	82	
Sandstone, white	12	94	W.B.

Well 8/6W-20A1

Type of record: Driller's log. Altitude: About 610 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	16	16	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/6W-20A1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Middle series:			
Sandstone, brown	9	25	
Shale, gray	9	34	
Lower series:			
Sandstone, gray	9	43	
Shale, gray	35	78	
Coal	2	80	
Shale, gray	15	95	
Shale, sandy, gray	6	101	
Sandstone, gray	14	115	
Shale, gray	35	150	
Slate, gray	5	155	
Coal	5	160	
Fire clay	2	162	
Shale, sandy, gray	13	175	W.B.

Well 8/6W-20B1

Type of record: Driller's log. Altitude: About 610 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil	12	12	
Pennsylvanian system:			
Middle series:			
Sandstone, yellow	8	20	
Sandstone, brown	39	59	"Alum water" at 50 feet.
Lower series:			
Shale, gray	4	63	
Coal	.5	63.5	
Shale and fire clay	1.5	65	
Coal	2	67	
Fire clay	.5	67.5	
Coal	.5	68	
Fire clay, sandy	10	78	
Shale and clay, blue	80	158	
Coal	5	163	
Fire clay	10	173	
Shale, blue	25	198	

Well 8/6W-20D1

Type of record: Driller's log. Altitude: About 575 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil	12	12	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/6W-20D1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Middle series:			
Shale, blue	12	24	
Sandstone	68	92	"Alum water".
Lower series:			
Shale, gray	69	161	
Coal	3	164	
Fire clay	3	167	
Limestone	1	168	
Shale, gray	7	175	
Sandstone, white	5	180	W.B.

Well 8/6W-20Q1

Type of record: Driller's log. Altitude: About 590 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	8	8	
Pennsylvanian system:			
Middle series:			
Sandstone, yellow	8	16	
Sandstone, red	14	30	
Sandstone, yellow	25	55	
Sandstone, red	4	59	
Sandstone, light-gray	13	72	W.B.

Well 8/6W-21A1

Type of record: Driller's log. Altitude: About 565 feet.

Quaternary system:			
Recent and Pleistocene series:			
Soil	18	18	
Pennsylvanian system:			
Lower series:			
Shale, soft, gray	10	28	
Shale, blue	1	29	
Coal	1	30	
Fire clay	3	33	
Sandstone, gray	12	45	
Shale, sandy, gray	1	46	
Shale, soft, gray	2	48	
Coal, soft	1.5	49.5	
Sandstone, gray	3	52.5	
Coal	1	53.5	"Copperous water".
Fire clay	1.5	55	
Shale, sandy, gray	1	56	
Sandstone, limey	5.5	61.5	
Sandstone, gray	14.5	76	
Shale, sandy, gray	14	90	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/6W-21A1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Lower series:			
Sandstone, dark-gray	6.5	96.5	
Coal	.5	97	
Fire clay	1	98	
Shale, brownish-gray	6	104	
Shale, gray	4	108	
Slate, black	7	115	
Sandstone, gray	1	116	
Shale, sandy, gray	3	119	
Coal	.5	119.5	
Fire clay	2.5	122	
Shale, sandy, light-gray	4	126	
Coal	2.5	128.5	W.B.
Shale, sandy, light-gray	1.5	130	
Sandstone, light-gray	8	138	
Sandstone, dark-gray	.5	138.5	

Well 8/6W-21K1

Type of record: Driller's log. Altitude: About 580 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	13	13	
Hardpan	5	18	
Pennsylvanian system:			
Lower series:			
Shale, sandy, gray	11.5	29.5	
Shale, pink	1	30.5	
Shale, gray	3.5	34	
Shale, dark-gray	4	38	
Sandstone, hard, gray	5	43	
Coal, trace	----	43	
Shale, sandy, soft, light-gray	2	45	
Shale, sandy, light-gray	8	53	
Shale, sandy, gray	5	58	
Sandstone and coal	2	60	
Fire clay	2	62	
Shale, soft, light-gray	9	71	
Shale, sandy, gray	2	73	
Sandstone, light-gray	5	78	
Shale, sandy, gray	4	82	
Sandstone with coal streaks	2	84	
Shale, sandy, and gray sandstone	10	94	
Shale, sandy, gray	10.5	104.5	
Sandstone, gray	5.5	110	
Limestone, brown	1	111	
Shale, sandy, medium-gray	12.5	123.5	
Coal	2.5	126	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/6W-21K1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Lower series:			
Fire clay	2	128	
Sandstone, light-gray	4	132	W.B.
Limestone, brown	1	133	
Sandstone, gray	9	142	

Well 8/6W-21P1

Type of record: Driller's log. Altitude: About 570 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	9	9	
Pennsylvanian system:			
Lower series:			
Coal	1	10	
Slate, black	5	15	
Sandstone, gray	1.5	16.5	
Shale, sandy, gray	10.5	27	
Shale, dark	4	31	
Shale, sandy, gray	4	35	
Sandstone, gray	13	48	
Sandstone and coal	2	50	
Sandstone, dark-gray	5	55	
Shale, sandy, gray	5	60	
Shale, sandy, light-gray	6	66	
Shale, sandy, gray	6	72	
Sandstone, gray	4	76	
Shale, gray	2	78	
Sandstone, gray	4	82	
Shale, sandy, gray	14	96	
Sandstone, light-gray	8	104	
Shale, sandy, light-gray	4	108	
Shale, gray	4	112	
Limestone, gray	1	113	
Shale, dark-gray	24	137	
Coal	1	138	
Shale, sandy, light-gray	3	141	
Sandstone, light-gray	3	144	
Shale, sandy, brown and gray	2	146	
Shale, sandy, gray	2	148	
Shale, sandy, light-gray	8	156	

Well 8/6W-22A1

Type of record: Driller's log. Altitude: About 530 feet.

Quaternary system:			
Recent and Pleistocene series:			
Soil	18	18	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/6W-22A1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Lower series:			
Shale, sandy, gray	3	21	
Coal	1	22	
Fire clay	1	23	
Shale, light-gray	4	27	
Shale, gray	2	29	
Sandstone, light-gray	10	39	
Shale, sandy, gray	15	54	
Shale, dark-gray	8	62	
Sandstone, light-gray	6	68	
Shale, gray	6	74	
Shale, dark-gray	2.5	76.5	
Coal	3.5	80	
Shale, brownish-gray	4	84	
Shale, sandy, light-gray	2	86	
Sandstone, light-gray	4	90	W.B.

Well 8/6W-23K1

Type of record: Sample log of test hole (examined by ?). Altitude: About 529 feet.

No samples	95	95	
Pennsylvanian system:			
Lower series:			
Shale, sandy, medium-soft, light-gray; pebbles	5	100	
Sandstone, medium-grain, subangular, white, trace of medium-gray, hard shale	5	105	
Sandstone, medium-grain, subangular, white, and light-gray, sandy shale; pyrite	5	110	
Shale, sandy, micaceous, light-gray	5	115	
Sandstone, shaly, micaceous, medium-soft, light-gray	10	125	
Sandstone, shaly, micaceous, medium-soft, light-gray; some glauconite; grades into sandy shale	15	140	
Shale, sandy, very micaceous, soft, light-gray	20	160	
Sandstone, coarse-to-fine grain, micaceous, hard, white to brown; pyrite	10	170	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/6W-23K1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Lower series:			
Sandstone, coarse-to-fine-grain, subrounded grains, micaceous, hard, white to brown; pyrite; trace of glauconite----------	15	185	
Shale, dense, carbonaceous, hard, black; hard, brown sandstone, 25%; pyrite----------	11	196	
Shale, medium-dense, micaceous, medium-gray----------	13	209	
Sandstone, subangular grains, friable, white; pyrite--------	21	230	
Sandstone, subangular grains, friable, medium-gray to brown; bornite?----------	5	235	
Shale, slightly sandy, micaceous, soft, light-gray-------	40	275	
Sandstone, subrounded grains, medium-hard, white to brown; pyrite; glauconite----------	20	295	
Shale, sandy, micaceous, soft, light-gray----------	10	305	
Sandstone, fine-grain, medium-hard, light-gray to brown-----	5	310	
Shale, sandy, micaceous, medium-hard, light-gray-------	5	315	
Sandstone, fine-grain, medium-hard, light-gray to white; pyrite----------	50	365	
Sandstone, fine-grain, medium-hard, medium-gray to brown; pyrite; trace of bornite and glauconite----------	25	390	
Sandstone, fine-grain, medium-hard, white to light-gray; pyrite; trace of bornite------	15	405	
Shale, slightly sandy, micaceous, soft, medium-gray; pyrite----------	15	420	
Mississippian system:			
Chester series:			
Limestone, medium-crystalline, hard, light-gray; pyrite------	5	425	
Shale, medium-soft, very pyritic, medium-gray, 60%; light-gray, medium-crystalline, hard limestone; pyrite, 40%--------	10	435	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/6W-23K1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Mississippian system:			
Chester series:			
Limestone, medium-crystalline to dense, oolitic (oolites small), hard, light-gray to white, trace of selenite------	10	445	T.D. 1,695 feet.

Well 8/6W-23N1

Type of record: Driller's log. Altitude: About 550 feet.

Quaternary system:			
Recent and Pleistocene series:			
Soil----------	13	13	
Sand, brown----------	5	18	
Pennsylvanian system:			
Lower series:			
Sandstone, gray----------	10	28	
Shale, sandy, gray----------	5	33	
Shale, gray----------	13	46	
Sandstone, gray----------	3	49	
Shale, sandy, gray----------	2	51	
Sandstone, light-gray----------	2	53	
Shale, dark-gray----------	2	55	
Sandstone, light-gray----------	11	66	
Shale, dark-gray----------	1	67	
Sandstone, gray----------	1	68	
Shale, dark-gray----------	4	72	
Shale, sandy, gray----------	13	85	
Sandstone, gray----------	10	95	
Sandstone, dark-gray----------	7	102	
Shale, brownish-gray----------	1	103	
Sandstone, gray----------	2	105	
Coal----------	.5	105.5	
Fire clay----------	1.5	107	
Sandstone, gray----------	3	110	
Shale, dark-gray----------	5	115	
Shale, gray----------	12.5	127.5	
Coal----------	1	128.5	
Sandstone, hard, gray----------	3.5	132	
Sandstone, hard, light-gray-----	5	137	
Coal----------	.5	137.5	
Fire clay----------	1	138.5	
Shale, sandy, light-gray--------	8.5	147	
Limestone, brownish-gray--------	1	148	
Shale, fire clay, and coal------	2	150	
Shale, sandy, gray----------	2	152	
Coal----------	2	154	W.B.
Fire clay----------	1	155	
Shale, sandy, gray----------	4	159	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/6W-24E1

Type of record: Driller's log. Altitude: About 565 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Surface	14	14	
Pennsylvanian system:			
Lower series:			
Sandstone	14	28	
Shale, dark	3	31	
Coal	2	33	
Shale, gray	23	56	
Coal	2.5	58.5	
Shale	45.5	104	
Coal	2	106	W.B.
Shale	24	130	

Well 8/6W-26B1

Type of record: Driller's log. Altitude: About 600 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Surface	18	18	
Pennsylvanian system:			
Lower series:			
Sandstone, red	2	20	
Sandstone, gray	28	48	
Shale, sandy, gray	5	53	
Sandstone, hard, gray	11	64	
Shale, sandy, gray	8	72	
Sandstone, white	10	82	W.B.
Shale, sandy, gray	13	95	
Sandstone, white	5	100	
Coal	1	101	
Shale, sandy, gray	27	128	
Sandstone, white	22	150	
Shale, gray	6	156	
Limestone	6	162	
Shale, sandy, blue	10	172	
Coal	1	173	
Shale, sandy, blue	38	211	
Sandstone, gray, with coal streaks	23	234	W.B.

Well 8/6W-26J1

Type of record: Driller's log. Altitude: About 630 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Top soil	18	18	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/6W-26J1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Lower series:			
Shale	20	38	
Sandstone	5	43	
Coal	2	45	
Fire clay	25	70	
Shale, black	5	75	
Fire clay	13	88	
Sandstone	1	89	
Shale, black	7	96	
Sandstone	18	114	
Shale, black	38	152	
Shale, white	19	171	
Shale, sandy, white	12	183	
Shale, gray	12	195	
Sandstone, white	18	213	W.B.

Well 8/6W-26M1

Type of record: Driller's log. Altitude: About 605 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil	12	12	
Pennsylvanian system:			
Lower series:			
Sandstone	10	22	
Shale, gray	39	61	
Sandstone	6	67	
Shale, gray	33	100	
Shale, sandy	60	160	W.B. 150 to 160 feet.
Shale, gray	35	195	
Shale, black	5	200	
Shale, gray	15	215	
Sandstone	15	230	

Well 8/6W-27N1

Type of record: Driller's log. Altitude: About 580 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	4	4	
Hardpan	6	10	
Clay, sandy, yellow	7	17	
Pennsylvanian system:			
Lower series:			
Shale, light-gray	7	24	
Coal	.5	24.5	
Shale, gray	5.5	30	
Coal	1	31	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/6W-27N1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Lower series:			
Fire clay	1	32	
Shale, light-gray	5	37	
Shale, gray	4.5	41.5	
Shale, sandy, light-gray	3.5	45	
Shale, sandy, hard, dark-gray	3	48	
Shale, sandy, light-gray	5	53	
Shale, gray	5.5	58.5	
Shale, sandy, gray	4	62.5	
Coal	.5	63	
Fire clay	3	66	
Shale, sandy, light-gray	17	83	
Shale, gray	2	85	
Coal	1.5	86.5	
Fire clay	1.5	88	
Shale, sandy, gray	6	94	
Shale, sandy, light-gray	7	101	
Shale, sandy, gray	28	129	
Coal	4.5	133.5	
Fire clay	2.5	136	
Shale, sandy, light-gray	3	139	
Shale, sandy, gray	3	142	
Sandstone, light-gray	4.5	146.5	W.B.
Shale, sandy, gray	3.5	150	

Well 8/6W-28P1

Type of record: Driller's log. Altitude: About 560 feet.

Quaternary system:			
Recent and Pleistocene? series:			
Soil and shale	20	20	
Pennsylvanian system:			
Lower series:			
Sandstone, soft	10	30	
Coal	.5	30.5	
Shale	70	100.5	
Sandstone, dark, trace of coal	10	110.5	
Shale	33.5	144	

Well 8/6W-28Q1

Type of record: Driller's log. Altitude: About 560 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	9.5	9.5	
Pennsylvanian system:			
Lower series:			
Sandstone, yellow	11.5	21	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/6W-28Q1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Lower series:			
Shale, soft, gray	10	31	
Coal	1	32	
Fire clay, and light-gray shale	6	38	
Coal	.5	38.5	
Sandstone, hard, gray	1.5	40	
Sandstone, light-gray	6	46	
Sandstone, soft, light-gray	2	48	
Shale, sandy, gray	29	77	
Sandstone, light-gray	19	96	
Shale, dark-gray	7	103	
Coal, trace	----	103	
Fire clay	2	105	
Shale, sandy, light-gray	7	112	
Shale, sandy, gray	5	117	
Sandstone, gray	3	120	
Shale, sandy, gray	8	128	
Coal	2.5	130.5	W.B.
Fire clay	1.5	132	W.B.
Shale, sandy, light-gray	7	139	
Shale, sandy, gray	7	146	

Well 8/6W-30D1

Type of record: Driller's log. Altitude: About 525 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Fill	5	5	
Top soil	9	14	
Muck, blue	1	15	
Sand and gravel	17	32	W.B.

Well 8/6W-31E1

Type of record: Driller's log. Altitude: About 540 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay	14	14	
Boulder	1	15	
Pennsylvanian system:			
Middle? series:			
Shale, gray	3	18	W.B.
Lower? series:			
Limestone	17	35	
Slate, black	6	41	
Coal	1	42	
Sandstone	43	85	
Shale, sandy, broken	15	100	W.B.

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/6W-31M1

Type of record: Driller's log. Altitude: About 550 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Surface	10	10	
Pennsylvanian system:			
Middle? series:			
Shale, gray	10	20	
Lower? series:			
Limestone	2	22	
Slate, black	6	28	
Coal	2.5	30.5	
Fire clay	2.5	33	
Coal	3	36	
Shale, sandy, gray	18	54	
Sandstone	4	58	
Shale, sandy, gray	22	80	
Sandstone	30	110	
Shale, gray	15	125	
Sandstone, white	15	140	
Shale, sandy, dark	22	162	
Sandstone	23	185	W.B.
Shale, sandy, gray	20	205	
Shale, gray	10	215	

Well 8/6W-36P1

Type of record: Driller's log. Altitude: About 520 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Surface	12	12	
Sand, clay, and gravel	28	40	
Sand, gray	22	62	Trace of coal at 56 feet.
Pennsylvanian system:			
Lower series:			
Shale, sandy, gray	2	64	
Sandstone, gray	1	65	
Shale, sandy, gray	59	124	
Shale, sandy, medium-gray	22	146	W.B.

Well 8/7W-1D1

Type of record: Driller's log. Altitude: About 530 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Surface	20	20	
Pennsylvanian system:			
Lower? series:			
Limestone	10	30	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/7W-1D1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Lower? series:			
Hardpan	23	53	Shale with concretion(?).
Sandstone	7	60	
Shale, dark	4	64	
Shale, light	3	67	
Sandstone	7	74	
Shale, dark	6	80	
Sandstone	20	100	

Well 8/7W-2M1

Type of record: Driller's log. Altitude: About 540 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface and clay	16	16	
Muck, blue	39	55	
Muck, blue, with gravel, wood, and vegetation	3	58	
Pennsylvanian system:			
Lower series:			
Sandstone, gray	24	82	W.B.
Clay, fine, blue	5	87	
Sandstone, gray	44.5	131.5	W.B.
Coal	2.5	134	
Clay, fine	1	135	
Sandstone, hard	5	140	
Shale, black	1.3	141.3	
Coal	.2	141.5	
Fire clay, dirty	.5	142	
Sandstone	4	146	

Well 8/7W-2N1

Type of record: Driller's log. Altitude: About 560 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay and hardpan	15	15	
Pennsylvanian system:			
Middle series:			
Slate and coal	4	19	
Fire clay	4	23	
Sandstone	11	34	
Shale, soft, gray	8	42	
Lower? series:			
Shale, sandy	31	73	
Sandstone	50	123	W.B.

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/7W-2P1

Type of record: Driller's log. Altitude: About 565 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, yellow	15	15	
Hardpan	13	28	
Pennsylvanian system:			
Middle series:			
Shale, soft	9	37	
Sandstone	5	42	
Lower? series:			
Shale, soft, gray	8	50	
Shale, sandy	32	82	
Sandstone	39	121	W.B.

Well 8/7W-2P2

Type of record: Driller's log. Altitude: About 565 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay	15	15	
Pennsylvanian system:			
Middle series:			
Sandstone	15	30	
Shale	6	36	
Coal	2	38	
Fire clay, blue	12	50	
Sandstone	25	75	W.B.
Lower series:			
Shale	25	100	
Sandstone	30	130	W.B.
Shale, soft, blue	20	150	
Sandstone	20	170	W.B.
Shale, soft, blue	112	282	
Coal	4	286	
Shale, soft, white	19	305	
Sandstone	23	328	
Shale	10	338	
Sandstone	14	352	W.B.
Shale	56	408	
Sandstone	44	452	
Shale, blue	68	520	
Sandstone	60	580	W.B.
Shale	6	586	
Mississippian? system:			
Chester? series:			
Limestone	57	643	
Shale	10	653	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/7W-2Q1

Type of record: Driller's log. Altitude: About 590 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Soil and clay	14	14	
Pennsylvanian system:			
Middle series:			
Sandstone	22	36	W.B.
Slate, blue, and coal	4	40	
Sandstone	8	48	W.B.
Shale, dark	7	55	
Sandstone	8	63	W.B.

Well 8/7W-3J1

Type of record: Driller's log. Altitude: About 560 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Surface	18	18	
Pennsylvanian system:			
Middle series:			
Sandstone, brown	7	25	W.B.
Shale, soft, gray and yellow	62	87	
Lower series:			
Shale, sandy	10	97	
Shale, gray	68	165	
Shale, sandy	15	180	
Shale, gray	21	201	
Slate	3	204	
Coal	2	206	
Shale	66	272	
Sandstone, white	28	300	Saline water.

Well 8/7W-3R1

Type of record: Driller's log. Altitude: About 565 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Surface	20	20	
Hardpan	10	30	
Pennsylvanian system:			
Middle? series:			
Shale, soft, brown	35	65	
Lower? series:			
Shale, blue	5	70	
Shale, light	1	71	
Shale, dark	12	83	
Sandstone	42	125	W.B.

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/7W-4L1

Type of record: Driller's log. Altitude: About 605 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Soil	15	15	
Sand, yellow	5	20	
Pennsylvanian system:			
Middle series:			
Soapstone	2	22	Siltstone?
Sandstone, blue	6	28	
Soapstone, blue	2	30	Siltstone?
Sandstone, brown	14	44	
Slate, black	3	47	
Limestone, hard, black	1	48	
Slate, black	3	51	W.B.
Shale, white, and light soapstone	16	67	Shale and siltstone(?)
Sandstone, soft	21	88	
Coal and blackjack	6	94	
Shale, sandy	8	102	
Shale, brown	8	110	
Slate, black	9	119	
Shale, brown	3	122	
Fire clay	12	134	
Sandstone	7	141	"Alkaline water".
Coal	3	144	
Shale, brown	2	146	
Slate, brown	29	175	
Sandstone	6	181	
Shale, light	14	195	
Lower? series:			
Slate, black, and coal	6	201	
Shale, brown	3	204	
Limestone, brown	5	209	
Shale, brown	42	251	
Coal	4	255	
Slate, brown	9	264	
Mud, dark	3	267	
Shale, brown	11	278	
Sandstone, brown	4	282	
Shale, brown	3	285	
Sandstone, brown	10	295	
Limestone, brown	9	304	
Shale, brown	26	330	
Soapstone, light	2	332	Siltstone?
Sandstone, white	5	337	
Soapstone, white	4	341	Siltstone?
Shale, brown	3	344	
Slate, black	6	350	
Shale, brown	16	366	
Slate, black	6	372	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/7W-4L1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Lower? series:			
Limestone, dark	12	384	
Shale, brown	10	394	

Well 8/7W-5E1

Type of record: Driller's log. Altitude: About 595 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil	14	14	
Pennsylvanian system:			
Middle series:			
Sandstone	8	22	
Mud	9	31	
Shale, gray	17	48	
Sandstone	79	127	
Coal	3	130	
Shale, gray	4	134	
Shale, sandy	8	142	
Shale, gray	10	152	
Slate	4	156	
Shale, sandy	4	160	

Well 8/7W-5F1

Type of record: Driller's log. Altitude: About 605 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	15	15	
Sand	3	18	
Pennsylvanian system:			
Middle series:			
Rock	1	19	
Shale, sandy, gray	28	47	
Shale, sandy, blue	5	52	
Shale, blue	4	56	
Shale, sandy, gray	4	60	
Sandstone, gray	7	67	
Shale, sandy, gray	18	85	
Sandstone, gray	2	87	
Shale, sandy, gray	28	115	
Sandstone, hard, light-gray	5	120	
Shale, sandy, gray	6	126	
Sandstone, soft, light-gray	22	148	
Sandstone, gray	3	151	
Mine opening	4	155	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/7W-7D1

Type of record: Driller's log. Altitude: About 565 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Top soil	12	12	
Clay, gray	6	18	
Clay, soft, with gravel	8	26	
Pennsylvanian system:			
Middle series:			
Shale, gray	14	40	
Coal	1	41	
Shale, gray	20	61	
Shale, sandy	6	67	
Shale, gray	45	112	
Sandstone	6	118	W.B.
Shale, gray	12	130	

Well 8/7W-10N1

Type of record: Driller's log. Altitude: About 620 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Surface and hardpan	29	29	
Pennsylvanian system:			
Middle series:			
Sandstone	5	34	
Shale, sandy	7	41	
Shale, gray	17	58	
Slate, black	5.5	63.5	
Fire clay	4.5	68	
Shale, gray	5	73	
Shale, sandy	5	78	
Shale, gray	4	82	
Shale, sandy	6	88	
Mine opening and rubble	24	112	
Shale bottoms	2	114	Shale debris.
Shale, sandy	2	116	
Sandstone	3	119	
Shale, gray	13	132	
Slate, black	7	139	
Fire clay	13	152	
Shale, hard	1	153	
Shale, sandy	4	157	
Shale, gray	2	159	
Shale, sandy	2	161	
Sandstone	5	166	
Shale, blue	3	169	
Coal and dirty band	8	177	W.B.
Fire clay	3	180	
Shale, gray	7	187	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/7W-10N5

Type of record: Driller's log. Altitude: About 620 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Surface	20	20	
Pennsylvanian system:			
Middle series:			
Shale, gray	31	51	
Slate, black	3	54	
Coal	3	57	
Fire clay	3	60	
Shale, soft, gray	7	67	
Sandstone	2	69	
Shale, sandy, gray	20	89	
Shale, gray	5	94	
Slate, black	3	97	
Coal	2.5	99.5	
Fire clay	2.5	102	
Sandstone	8	110	
Shale, hard, dark	18	128	
Slate, black	4	132	
Coal	1	133	
Fire clay	2	135	
Sandstone, and sandy shale	17	152	
Slate, black	4	156	
Coal	5	161	W.B.
Fire clay	1	162	

Well 8/7W-10P1

Type of record: Driller's log. Altitude: About 630 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil	12	12	
Pennsylvanian system:			
Middle series:			
Sandstone	6	18	
Shale, gray	24	42	
Coal, trace	----	42	
Fire clay	4	46	
Shale, gray	34	80	
Coal	3	83	
Shale, sandy	7	90	
Shale, gray	30	120	
Shale, sandy	5	125	
Shale, gray	15	140	
Coal, trace	----	140	
Shale, gray	6	146	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/7W-10R1

Type of record: Driller's log. Altitude: About 660 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Surface	10	10	
Pennsylvanian system:			
Middle series:			
Shale, sandy	30	40	
Shale, gray	20	60	
Slate, black	5	65	
Coal	1	66	
Fire clay	3	69	
Shale, gray	23	92	
Fire clay and shale	18	110	W.B., old mine works.
Sandstone	15	125	
Shale, gray	8	133	
Slate, black	3	136	
Coal	1	137	
Fire clay and shale	10	147	
Sandstone	23	170	W.B.
Shale, dark	5	175	
Coal	5	180	
Fire clay and shale	5	185	

Well 8/7W-11C1

Type of record: Driller's log. Altitude: About 560 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface and clay	9	9	
Pennsylvanian system:			
Middle series:			
Sandstone	16	25	W.B.
Slate, blue, and coal	5	30	
Fire clay	3	33	
Sandstone, gray	12	45	W.B.
Shale, dark	3	48	
Sandstone, white	10	58	W.B.
Shale, light	5	63	

Well 8/7W-13D1

Type of record: Driller's log. Altitude: About 545 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	15	15	
Pennsylvanian system:			
Middle series:			
Shale, sandy	5	20	
Shale, gray	27	47	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/7W-13D1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Middle series:			
Slate, black	5	52	
Fire clay	4	56	
Shale, gray	7	63	
Sandstone	46	109	W.B.

Well 8/7W-13E1

Type of record: Driller's log. Altitude: About 545 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface and sand	18	18	
Pennsylvanian system:			
Middle series:			
Shale, gray	24	42	
Steel band	1.5	43.5	
Slate, black	3	46.5	
Shale, gray	22.5	69	
Sandstone	30	99	
Shale, gray	12	111	
Sandstone	5	116	W.B.

Well 8/7W-13R1

Type of record: Driller's log. Altitude: About 560 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil	14	14	
Pennsylvanian system:			
Middle series:			
Sandstone	3	17	
Fire clay	4	21	
Shale, light-gray	19	40	
Shale, dark-gray	14	54	
Coal, trace	----	54	
Shale, gray	10	64	
Shale, sandy	23	87	
Sandstone	38	125	W.B.

Well 8/7W-14B1

Type of record: Driller's log. Altitude: About 590 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	18	18	
Pennsylvanian system:			
Middle series:			
Shale, sandy	7	25	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/7W-14B1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Middle series:			
Shale, gray	13	38	
Slate, black	5	43	
Fire clay and shale	7	50	
Sandstone	31	81	
Shale, sandy, dark	3	84	
Coal	1	85	
Fire clay	2	87	
Coal	2	89	
Fire clay and shale	10	99	
Sandstone	3	102	
Shale, sandy, gray	9	111	
Slate, black	6	117	W.B.
Coal	5	122	W.B.
Fire clay	2	124	
Shale, gray	6	130	

Well 8/7W-15A1

Type of record: Driller's log. Altitude: About 660 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	26	26	
Pennsylvanian system:			
Middle series:			
Shale, sandy, gray	21	47	
Shale, soft, gray	12	59	
Slate, black	5	64	
Coal	1	65	
Fire clay	3	68	
Shale, gray	22	90	
Mine opening	4	94	
Fire clay	2	96	
Shale, soft	12	108	
Sandstone, white	15	123	
Shale, hard, gray	5	128	
Slate, black	4	132	
Coal	1	133	
Shale, sandy, gray	10	143	
Sandstone, white	26	169	W.B.
Coal	----	169	

Well 8/7W-15E1

Type of record: Driller's log. Altitude: About 630 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	12	12	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/7W-15E1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Middle series:			
Shale, sandy	12	24	
Sandstone	32	56	
Shale, gray	5	61	
Sandstone	5	66	
Shale	4	70	
Steel band	2.5	72.5	
Slate, black	2	74.5	
Coal	2	76.5	
Fire clay	5.5	82	
Shale, white	8	90	
Sandstone, white	3	93	
Shale	25	118	
Coal	3	121	
Fire clay	1	122	
Shale	23	145	
Slate, black	6	151	
Fire clay	9	160	
Sandstone	5	165	
Shale	1	166	
Coal	6.5	172.5	W.B.
Fire clay	2.5	175	
Shale, sandy	8	183	

Well 8/7W-15F1

Type of record: Driller's log. Altitude: About 610 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface and clay	14	14	
Pennsylvanian system:			
Middle series:			
Slate, black	3	17	
Coal	2	19	
Fire clay	3	22	
Sandstone and shale	15	37	
Slate, dark	22	59	
Coal	1	60	

Well 8/7W-16A1

Type of record: Driller's log. Altitude: About 620 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	20	20	
Pennsylvanian system:			
Middle series:			
Shale, gray	10	30	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/7W-16A1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Middle series:			
Sandstone	5	35	
Shale, gray	20	55	
Slate, black	5	60	
Coal	2	62	
Fire clay and shale	7	69	
Sandstone	26	95	
Shale, gray	5	100	
Slate, black	2	102	
Coal	3	105	
Fire clay	2	107	
Sandstone	8	115	
Shale, gray	13	128	
Slate, black	5	133	
Coal	1	134	
Fire clay	3	137	
Shale, sandy, and rock	18	155	
Slate, black	3	158	
Coal	5	163	W.B.
Fire clay	2	165	
Shale, gray	5	170	

Well 8/7W-16C1

Type of record: Driller's log. Altitude: About 650 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil	16	16	
Mud	6	22	
Pennsylvanian system:			
Middle series:			
Slate	6	28	
Limestone, blue	5	33	
Shale, gray	4	37	
Slate, black	17	54	
Shale, sandy	3	57	
Sandstone	7	64	
Shale, soft, gray	9	73	
Slate	5	78	
Coal	3	81	
Shale	4	85	
Shale, sandy	20	105	
Shale and gravel	10	115	W.B., shale with concretions(?).
Shale, gray	----	115	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/7W-16C2

Type of record: Driller's log. Altitude: About 650 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Surface	22	22	
Pennsylvanian system:			
Middle series:			
Limestone	2.5	24.5	
Shale	1.5	26	
Limestone	7.5	33.5	
Slate, black	4.5	38	
Coal	3	41	
Dirty band	1	42	
Coal	3	45	
Shale, blue	4	49	
Shale, gray	3	52	
Sandstone	20	72	
Shale, gray	10	82	
Steel band	2.5	84.5	
Slate, black	3	87.5	
Coal	1.5	89	
Fire clay	4	93	
Shale, sandy	13.5	106.5	
Sandstone, gray	5.5	112	
Shale, gray	6	118	
Sandstone	5	123	
Shale	5	128	
Coal	4	132	
Bottoms	4	136	Fire clay?
Sandstone	7	143	
Shale	15	158	
Slate, black	6	164	
Fire clay	12.5	176.5	
Sandstone	3.5	180	
Shale	4	184	
Coal	4.5	188.5	W.B.
Fire clay	2.5	191	
Shale, white	9	200	

Well 8/7W-16H1

Type of record: Driller's log. Altitude: About 645 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	12	12	
Hardpan	10	22	
Pennsylvanian system:			
Middle series:			
Sandstone	25	47	
Coal, trace	----	47	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/7W-16H1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Middle series:			
Shale, sandy	4	51	
Shale, gray	5	56	
Shale, sandy	9.5	65.5	
Slate, black	1.5	67	
Steel band	2	69	
Slate, black	2	71	
Coal	2.5	73.5	
Fire clay	3.5	77	
Shale, gray	38	115	
Coal	3	118	
Fire clay	1	119	
Shale, gray	17	136	
Slate, black	9	145	
Fire clay	12.5	157.5	
Sandstone	2.5	160	
Shale, dark-gray	2	162	
Coal with dirty band	7	169	W.B.
Shale, gray	12	181	
Shale, sandy	4	185	

Well 8/7W-16R1

Type of record: Driller's log. Altitude: About 610 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	22	22	
Pennsylvanian system:			
Middle series:			
Shale, gray	25	47	
Slate, black	6	53	
Coal	3	56	
Fire clay	2	58	
Shale, gray	3	61	
Sandstone	5	66	
Shale, sandy, gray	13	79	
Sandstone	11	90	
Shale, dark	5	95	
Slate, black	3	98	
Coal	3	101	
Shale, sandy	4	105	
Sandstone	12	117	W.B.
Shale, dark	----	117	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/7W-20A1

Type of record: Driller's log. Altitude: About 615 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay and hardpan	22	22	
Pennsylvanian system:			
Middle series:			
Shale, broken, brown	6	28	
Sandstone, gray	79	107	W.B.
Shale, dark	1	108	

Well 8/7W-21D1

Type of record: Driller's log. Altitude: About 645 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Top soil	13	13	
Pennsylvanian system:			
Middle series:			
Limestone, blue	8	21	
Shale, blue	30	51	
Sandstone	3	54	
Shale, sandy	21	75	
Sandstone	95	170	W.B.

Well 8/7W-21G1

Type of record: Driller's log. Altitude: About 655 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Surface	13	13	
Pennsylvanian system:			
Middle series:			
Shale	44	57	
Coal	4.5	61.5	
Fire clay and shale	7.5	69	
Sandstone	9	78	
Shale, sandy, gray	6	84	
Sandstone	3	87	
Shale, hard, sandy	32	119	
Sandstone	28	147	
Sandstone, very hard	5	152	
Coal	3.5	155.5	
Shale, hard, blue	2.5	158	
Sandstone	12	170	W.B.

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/7W-21K1

Type of record: Driller's log. Altitude: About 660 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Surface	7	7	
Sand, gravel, and clay	20	27	
Pennsylvanian system:			
Middle series:			
Shale, soft, gray	7.5	34.5	
Sandstone, gray	3	37.5	
Coal, trace	----	37.5	
Shale, gray	4.5	42	
Shale, sandy, gray	21	63	
Shale, sandy, medium-gray	11.5	74.5	
Shale, sandy, gray	8.5	83	
Sandstone, gray	3	86	
Shale, sandy, gray	30	116	Trace of coal at 112 feet.
Sandstone, medium-gray	8	124	W.B.
Shale, sandy, medium-gray	1	125	

Well 8/7W-21M1

Type of record: Driller's log. Altitude: About 615 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Top soil	18	18	
Quicksand	1	19	
Pennsylvanian system:			
Middle series:			
Coal	1.5	20.5	
Shale, gray	9.5	30	
Sandstone, gray	34	64	
Shale, sandy, gray	3	67	
Shale, gray	53	120	
Coal	2	122	
Shale, gray	28	150	
Sandstone	20	170	W.B.
Coal	4	174	
Shale, gray	6	180	

Well 8/7W-22A1

Type of record: Driller's log. Altitude: About 560 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Surface	37.5	37.5	
Pennsylvanian system:			
Middle series:			
Sandstone	3.5	41	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/7W-22A1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Middle series:			
Shale?, gray	16.5	57.5	
Slate, black	4.5	62	
Coal	4	66	
Fire clay	2	68	
Sandstone and shale	10	78	
Shale, gray	3	81	
Coal	5	86	
Fire clay	2	88	
Shale, gray	10	98	
Sandstone	26	112	
Shale, sandy, gray	25	137	
Slate, black	5	142	
Coal	1	143	
Fire clay	2	145	
Shale, sandy, gray	20	165	
Sandstone	10	175	W.B.
Shale, gray	5	180	
Lower? series:			
Coal	3	183	
Shale, dark	10	193	
Shale, sandy, gray	8	201	
Sandstone, white	15	216	W.B.

Well 8/7W-22D2

Type of record: Driller's log. Altitude: About 610 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil	20	20	
Pennsylvanian system:			
Middle series:			
Shale, gray	5	25	
Shale, blue	5	30	
Slate, black	2	32	
Shale, gray	48	80	
Coal	3	83	
Shale, gray	4	87	
Shale, sandy	10	97	
Shale, gray	16	113	
Sandstone	5	118	
Shale, gray	12	130	
Coal, trace	----	130	
Shale, gray	14	144	
Sandstone	3	147	
Shale, gray	13	160	
Shale, sandy	12	172	
Coal, rotten	----	172	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/7W-22D2--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Middle series:			
Fire clay	2	174	
Shale, gray	9	183	
Shale, sandy	17	200	
Lower series:			
Sandstone, white	37	237	W.B.

Well 8/7W-22E1

Type of record: Driller's log. Altitude: About 640 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay, yellow	20	20	
Pennsylvanian system:			
Middle series:			
Sandstone, light	7	27	
Shale, dark	13	40	
Limestone, hard	11	51	
Shale, dark	3	54	W.B.
Limestone, hard	1	55	W.B.
Shale, dark	2	57	
Coal	4	61	
Fire clay, light	19	80	
Sandstone, light	10	90	
Fire clay, light	3	93	
Shale, black	4	97	
Coal	3	100	
Fire clay	5	105	
Sandstone, broken	10	115	
Shale, dark	25	140	
Shale, black	5	145	
Coal	4	149	
Fire clay	2	151	
Sandstone, light	9	160	
Shale, dark	20	180	
Shale, light	5	185	
Shale, dark	13	198	
Coal	5	203	
Shale, light	13	216	
Limestone and sandstone	4	220	
Shale, dark	16	236	
Lower series:			
Limestone	3	239	
Coal	2	241	
Shale, dark	14	255	
Sandstone, white	35	290	W.B.
Coal	2	292	
Sandstone, white	3	295	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/7W-22E1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Lower series:			
Sandstone, shaly	2	297	
Sandstone, dark	13	310	
Fire clay, white	5	315	

Well 8/7W-22J1

Type of record: Driller's log. Altitude: About 590 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	38	38	
Pennsylvanian system:			
Middle series:			
Shale, gray	15	53	
Sandstone	5	58	
Shale, gray	12	70	
Coal, bone	1	71	Argillaceous coal.
Coal	3	74	
Fire clay	2	76	
Sandstone	6	82	
Shale, gray	14	96	
Slate, black	8	104	
Fire clay	2	106	
Sandstone	5	111	
Shale, dark	3	114	
Sandstone	4	118	
Coal	2.5	120.5	"Bad water".
Dirty band	2	122.5	
Coal	1.5	124	"Bad water".
Fire clay	4	128	
Sandstone	9	137	
Shale, sandy, hard	4	141	
Sandstone	4	145	
Shale, gray	18	163	
Pennsylvanian system:			
Lower series:			
Slate, black	4	167	
Coal	1	168	
Shale, gray	11	179	
Sandstone	26	205	W.B.

Well 8/7W-23B1

Type of record: Driller's log. Altitude: About 560 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	12	12	
Shale, sandy	4	16	Clay?, sandy.

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/7W-23B1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand and gravel	2	18	
Pennsylvanian system:			
Middle series:			
Coal	3	21	
Fire clay	2	23	
Shale, sandy	5	28	
Sandstone	7	35	
Slate, black	8	43	
Fire clay	9	52	
Shale	22	74	
Coal	3.5	77.5	
Fire clay	5.5	83	
Shale, gray	14	97	
Shale, sandy, hard, gray	28	125	
Lower series:			
Slate, black	5	130	
Shale, gray	7	137	
Sandstone, white	24	161	W.B.
Shale, gray	14	175	

Well 8/7W-23D1

Type of record: Driller's log. Altitude: About 550 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	27	27	
Pennsylvanian system:			
Middle series:			
Shale, sandy	8	35	
Shale, blue	12	47	
Shale, dark	2	49	
Slate, black	4	53	
Coal	2	55	
Fire clay	2	57	
Sandstone, light	32	89	
Sandstone, dark	5.5	94.5	
Coal	2.5	97	
Soft band	1.5	98.5	
Coal	2	100.5	
Fire clay	4.5	105	
Shale, gray	6	111	
Shale, sandy	1	112	
Sandstone	3	115	
Shale, gray	10	125	
Sandstone	4.5	129.5	
Lower? series:			
Shale, gray	19.5	149	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/7W-23D1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Lower? series:			
Sandstone	2.5	151.5	
Slate, black	3.5	155	
Coal	1	156	
Shale, gray	9	165	
Shale, sandy	2	167	
Sandstone, fine, gray	13	180	
Sandstone, coarse, gray	8	188	
Shale, blue	1	189	
Coal	1.5	190.5	
Shale, gray	2	192.5	
Shale, sandy	3.5	196	
Shale, dark	2	198	
Slate	2.5	201.5	
Coal	3.5	205	
Shale, gray	14	219	
Sandstone, gray	8	227	
Shale, dark	6	233	

Well 8/7W-24J1

Type of record: Driller's log. Altitude: About 540 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	14	14	
Pennsylvanian system:			
Lower series:			
Slate, black	3	17	
Coal and blackjack	1	18	
Shale, sandy	4	22	
Sandstone, white	32	54	
Shale, brown	10	64	
Shale, sandy, gray	24	88	
Coal	1	89	
Sandstone, white	5	94	
Shale, gray	11	105	
Sandstone, hard, white	4	109	
Shale, sandy, gray	16	125	
Coal	1	126	
Fire clay	2	128	

Well 8/7W-25H1

Type of record: Driller's log. Altitude: About 535 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil; clay	12	12	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/7W-25H1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Lower series:			
Shale, black	8	20	
Shale, gray	12	32	
Sandstone, light-gray	37	69	W.B.
Shale, gray	----	69	

Well 8/7W-27G1

Type of record: Driller's log. Altitude: About 640 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil	18	18	
Pennsylvanian system:			
Middle series:			
Shale, sandy	7	25	
Shale, gray	34	59	
Shale, sandy	9	68	
Shale, gray	22	90	
Shale, sandy	22	112	
Coal	3	115	W.B.

Well 8/7W-27M1

Type of record: Driller's log. Altitude: About 615 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil	16	16	
Shale, gray	4	20	Clay?, gray.
Quicksand	.5	20.5	
Pennsylvanian system:			
Middle series:			
Shale, gray	45.5	66	
Shale, sandy, gray	29	85	
Sandstone, white	29	114	W.B.
Coal	----	114	

Well 8/7W-28A1

Type of record: Driller's log. Altitude: About 640 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	11	11	
Pennsylvanian system:			
Middle series:			
Shale, dark	4	15	
Shale, gray	3	18	
Shale, blue	12	30	
Shale, gray	45	75	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/7W-28A1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Middle series:			
Shale, sandy	5	80	
Shale, gray	8	88	
Sandstone	1.5	89.5	
Shale, gray	9.5	99	
Sandstone	4	103	
Shale, sandy	3	106	
Sandstone	8	114	
Shale, sandy	4	118	
Sandstone	31	149	
Slate, black	1.5	150.5	
Shale, gray	2.5	153	
Sandstone	2	155	
Shale, blue	20	175	

Well 8/7W-28C1

Type of record: Driller's log. Altitude: About 655 feet.

Quaternary system:			
Recent and Pleistocene series:			
Fill	6	6	
Top soil	14	20	
Pennsylvanian system:			
Middle series:			
Sandstone	6	26	
Shale, gray	34	60	
Sandstone	45	105	
Shale, gray	45	150	
Shale, sandy	10	160	
Shale, gray	21	181	

Well 8/7W-28F2

Type of record: Driller's log. Altitude: About 640 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface	18	18	
Pennsylvanian system:			
Middle series:			
Shale, dark-gray	9	27	Trace of coal at 19 feet.
Shale, sandy, gray	10	37	
Shale, gray	19	56	Trace of coal at 46 feet.
Shale, limey, gray	5	61	
Shale, soft, light-gray	4.5	65.5	
Limestone	1.5	67	
Shale, greenish-gray	2.5	69.5	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/7W-28F2--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Middle series:			
Shale, sandy, light-gray	5.5	75	
Sandstone, medium-gray	2	77	
Shale, light-gray	1	78	
Shale and limestone, light-gray	3	81	
Sandstone, gray	3	84	
Shale, sandy, light-gray	8	92	
Sandstone, gray	6	98	
Shale, soft, bluish-gray	9	107	
Slate, black, and coal	4	111	
Fire clay	2.5	113.5	
Shale, greenish-gray	8.5	122	
Sandstone, gray	1	123	
Shale, green and gray	7	130	
Shale, sandy, light-gray	.5	130.5	
Shale, boots, gray	20.5	151	
Shale, dark-gray	5.5	156.5	
Slate, black	1	157.5	
Coal	2.5	160	
Fire clay	.5	160.5	
Shale, sandy, gray	13.5	174	
Shale, dark-gray	4	178	
Slate, black	8	186	
Coal	1	187	
Fire clay	1	188	
Shale, sandy, light-gray	8	196	
Sandstone, light-gray	17	213	
Lower series:			
Coal	1	214	
Shale, sandy, gray	5	219	
Coal	1	220	
Fire clay	2.5	222.5	
Shale, sandy, light-gray	22.5	245	

Well 8/7W-28P1

Type of record: Driller's log. Altitude: About 620 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay, yellow	21	21	
Hardpan	4	25	
Pennsylvanian system:			
Middle series:			
Slate, blue	3	28	
Coal	7	35	
Shale, light	15	50	
Limestone, hard	3	53	
Shale, light	7	60	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/7W-28P1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Middle series:			
Sandstone, white	30	90	W.B.
Shale, dark	3	93	
Limestone	2	95	
Slate, blue	2	97	
Coal	3	100	
Fire clay	3	103	
Shale, sandy	6	109	
Sandstone, white	16	125	W.B.
Shale, dark	19	144	
Coal	4	148	W.B.

Well 8/7W-30Q1

Type of record: Driller's log. Altitude: About 535 feet.

Quaternary system:			
Recent and Pleistocene series:			
Quicksand and gravel	35	35	
Pennsylvanian system:			
Middle series:			
Shale, soft	20	55	
Shale, solid	19	74	
Sandstone	2	76	W.B.
Shale	2	78	

Well 8/7W-30R1

Type of record: Driller's log. Altitude: About 540 feet.

Quaternary system:			
Recent and Pleistocene series:			
Quicksand and mud	36	36	
Pennsylvanian system:			
Middle series:			
Shale, blue and brown	11	47	
Sandstone, gray	15	62	
Limestone	3	65	
Fire clay	7	72	
Steel band	2	74	
Coal	2	76	
Shale, sandy, and limestone	35	111	
Shale, brown	16	127	
Coal	1	128	
Shale	12	140	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/7W-31A1

Type of record: Driller's log. Altitude: About 535 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Quicksand and mud	33	33	
Pennsylvanian system:			
Middle series:			
Rock and shale	29	62	
Coal	4	66	
Shale	39	105	
Coal	5	110	
Shale	10	120	

Well 8/7W-33A1

Type of record: Driller's log. Altitude: About 620 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Top soil	18	18	
Pennsylvanian system:			
Middle series:			
Sandstone	10	28	
Shale, gray	10	38	
Shale, sandy	19	57	
Sandstone	13	70	
Shale, gray	2	72	
Shale, sandy	28	100	

Well 8/7W-33H1

Type of record: Driller's log. Altitude: About 610 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Surface	10	10	
Hardpan and sand	17	27	
Pennsylvanian system:			
Middle series:			
Sandstone, gray	10	37	
Sandstone, white	87	124	
Coal and blackjack	1.5	125.5	
Shale, sandy, gray	7.5	133	
Sandstone, white	4	137	
Sandstone, gray	4	141	
Shale, gray	4	145	
Slate	12	157	
Coal	.5	157.5	
Shale, gray	2.5	160	
Sandstone, white	21	181	W.B.

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/7W-33J1

Type of record: Driller's log. Altitude: About 600 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Top soil	6	6	
Mud, sandy, brown	9	15	
Pennsylvanian system:			
Middle series:			
Sandstone, gray	29	44	
Shale, sandy, gray	21	65	
Sandstone, gray	29	94	W.B.
Coal	1	95	
Shale, gray	2	97	
Sandstone, gray	3	100	

Well 8/7W-33R1

Type of record: Driller's log. Altitude: About 565 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Top soil	15	15	
Mud, brown	10	25	
Pennsylvanian system:			
Middle series:			
Sandstone	13	38	
Sandstone	17	55	W.B.
Shale, gray	----	55	

Well 8/7W-34D1

Type of record: Driller's log. Altitude: About 640 feet.

Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Top soil	14	14	
Pennsylvanian system:			
Middle series:			
Sandstone, brown	11	25	W.B.
Shale, gray	9	34	
Shale, sandy	71	105	
Shale, gray	15	120	
Sandstone	17	137	W.B.
Coal	3	140	
Shale and fire clay	3	143	
Shale, sandy	15	158	W.B.
Shale, gray	20	178	
Shale, sandy	3	181	
Shale, gray	6	187	
Shale, sandy	16	203	
Coal	4	207	
Shale, gray	14	221	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/7W-34D1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Middle series:			
Shale, sandy	9	230	
Shale, gray	17	247	
Lower? series:			
Shale, sandy	5	252	
Shale, gray	16	268	
Shale, sandy	22	290	
Sandstone, white	18	308	W.B.

Well 8/7W-34R1

Type of record: Driller's log. Altitude: About 605 feet.

No record	34	34	
Pennsylvanian system:			
Middle series:			
Sandstone	27	61	
Coal	3	64	
Shale, dark	14	78	
Slate, black	20	98	
Sandstone	7	105	
Slate, dark	4	109	
Coal	1	110	
Fire clay	2	112	
Sandstone, dark	6	118	W.B.
Slate, black	4	122	
Coal	3	125	
Fire clay	2	127	
Shale, sandy	5	132	
Limestone, hard	3	135	
Shale, sandy	3	138	
Lower? series:			
Sandstone, white	72	210	W.B.

Well 8/7W-35P1

Type of record: Driller's log. Altitude: About 560 feet.

No record	88	88	
Pennsylvanian system:			
Middle series:			
Shale, sandy, hard, gray	5	93	
Shale, dark	4	97	
Coal	3	100	
Shale, light-gray	2	102	
Coal	1	103	
Fire clay, boots	4	107	
Shale, sandy, hard, gray	4	111	
Slate, hard, black	2	113	
Sandstone, brown	1	114	

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/7W-35P1--Continued

Material	Thickness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Middle series:			
Shale, sandy, gray----------	4	118	
Shale, gray----------	3	121	
Limestone, brown----------	.5	121.5	
Slate and coal----------	3	124.5	
Shale, bluish-gray----------	1.5	126	
Sandstone, gray----------	4	130	
Sandstone, bluish-gray----------	7	137	Trace of coal at 132 feet.
Lower? series:			
Shale, sandy, gray----------	2	139	

Table 3.--Field chemical analyses of water from wells, Greene County, Indiana
(Results in parts per million)

Well number: See text for description of well-numbering system.
Geologic age: Pl, Pleistocene; P, Pennsylvanian; M, Mississippian.

Material: C, coal; Cgl, conglomerate; F, fireclay; G, gravel; Ls, limestone; S, sand; Sd-Sh, sandy shale; Sh, shale; Sh-Ss, shaly sandstone; Ss, sandstone; T, till.

Well Number	Material	Geologic Age	Date of Collection	Temperature (°F)	Iron (Fe)	Carbonate (CO_3)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Hardness as $CaCO_3$ (calcium, magnesium)	Remarks
6/3W-27L1	Ss	M	7-14-59	65	0.1	24	293	55	4	84	
27L2	-----	M?	10- 6-59	--	.3	0	395	73	26	104	
6/4W- 4C1	Ss	M	4- 1-59	52	1.5	0	488	8	4	134	
5D1	S	Pl	4-28-59	--	.5	0	517	10	6	140	
9A1	-----	M	8-22-57	56	7.5	0	127	-----	44	-----	
11E1	Ss	M	7-14-59	62	.1	19	259	40	2	226	
17D1	-----	P	8-22-57	56	.5	0	493	-----	22	530	
25N1	Ls	M	4- 1-59	53	.1	19	346	225	6	30	
25P1	-----	M	4- 1-59	48	.1	0	83	38	14	72	
28P1	Ss	M	4- 1-59	56	.1	19	361	45	6	78	
31A1	G,S	Pl	10- 6-59	--	.5	0	215	15	7	140	
31E1	Ss	M	4- 1-59	52	.3	34	630	5	8	20	
31E2	C	P	10- 6-59	59	.5	0	346	26	6	12	
32D1	Ss	M	4- 1-58	56	.3	34	361	8	6	4	
35C1	Ss	M	8-22-57	56	.3	10	442	-----	2	88	
			4- 1-59	52	.3	0	547	20	4	86	
6/5W- 4E1	Ss	P	8-28-57	56	7.5+	0	173	-----	14	364	
5E1	-----	P	8-28-57	56	.2	0	259	-----	1	198	
5L1	Ss	P	4- 1-59	48	.3	10	317	20	62	256	
12N1	Ss	P	8-22-57	--	.3	96	578	-----	34	6	
	Ls	M									
13F1	Ss	P	4- 1-59	50	.1-	67	522	155	8	4	
	Ls	M									
13L1	Ls	M?	8-28-57	54	.1	0	312	-----	4	64	

Table 3.--Field chemical analyses of water from wells, Greene County, Indiana--Continued

Well Number	Material	Geologic Age	Date of Collection	Temperature (°F)	Iron (Fe)	Carbonate (CO_3)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Hardness as $CaCO_3$ (calcium, magnesium)	Remarks
6/5W-18K1	-----	P	10- 6-59	--	7.5	0	346	12	8	236	
23E1	Ss	P	4- 1-59	58	.1	34	376	55	4	3	
23R1	-----	M?	4- 1-59	--	.3	19	303	635	14	882	
24Q1	Ss	M	8-28-57	55	.1	86	505	-----	10	6	
28H1	-----	P	4- 2-59	54	7.5+	0	151	20	4	72	
29E1	Ss	P	4- 2-59	49	.1	0	429	65	24	284	
30F1	Ss	P	4- 2-59	54	.5	14	307	20	6	78	
30J1	Ss	P	4- 2-59	54	.1	67	600	50	66	3	
31E1	Ss	P	4- 2-59	55	.1	67	644	10	12	6	
34M1	Ss	P	4- 2-59	54	.3	0	327	15	4	78	
34R1	-----	M	4- 2-59	52	.1	67	961	15	90	20	
36B1	Ss	P?	4- 1-59	56	.1	10	342	20	0	36	
	Ss	M									
36D1	Ss	M	7-31-57	57	.3	43	305	-----	4	9	
36H1	C	P	4- 1-59	52	.3	10	317	10	0	10	
36R1	C,Ss	P	4- 2-59	58	2.0	0	244	20	4	16	
6/6W- 4B1	C	P	4- 2-59	--	.1	53	449	35	6	22	
5C1	Ss	P	4- 2-59	56	.3	34	615	10	11	30	
5K1	-----	P	4- 2-59	52	.1	72	673	10	62	2	
5R1	-----	P	4- 2-59	56	2.5	0	561	295	16	344	
6M1	C,Ss	P	9- 9-57	54	.1	34	1,140	-----	622	15	
7D1	Ss	P	8-29-57	54	.1	84	1,440	-----	1,350	30	
7J1	Ss	P	8-29-57	54	1.0	0	515	-----	1,150	404	
8G1	-----	P	4- 2-59	55	.1	19	503	370	8	124	
8K1	-----	P	8-29-57	54	.1	82	698	-----	126	5	
8R1	Sd-Sh	P	4- 2-59	50	.3	62	781	145	1,440	18	
16M1	Ss	P	8-24-57	53	.1	48	669	-----	726	9	
17G1	Ss	P	8-29-57	55	.1	29	849	-----	1,270	24	
24J1	F,C	P	4- 2-59	55	1.0	0	390	10	4	174	
	Ss	P									
25B1	G	P1	5-13-58	52	.1	0	312	-----	6	252	

6/6W-25G1	Ss	M?	2- 8-57	57	0.1	130	673	-----	128	8	
25G2	C,F	P	2- 8-57	56	.5	19	166	-----	4	180	
6/7W- 1A1	Sd-Sh	P	9- 9-57	56	.1	0	364	-----	3	228	
1R1	-----	P	9- 9-57	54	1.5	24	481	-----	24	1,480	
3B1	-----	P	4- 2-59	57	.5	48	737	10	14	26	
6J1	-----	P	7-15-59	59	1.0	91	810	125	138	114	
12B1	-----	P	4- 3-59	52	2.0	0	542	1,760	14	1,930	
13J1	Ss	P	9- 9-57	54	.1	31	1,170	-----	876	70	
15R1	-----	P	4- 2-59	54	.5	62	605	20	26	8	
22E1	-----	P	4- 2-57	--	.1	24	654	200	60	286	
25P1	C	P	4- 2-59	54	.3	19	425	10	6	214	
31G1	-----	P	4- 2-59	52	.5	0	415	360	12	522	
34E1	Ss	P	9- 9-57	56	.1	53	969	-----	86	8	
7/3W- 6R1	-----	M	4-29-59	55	.3	14	210	265	9	436	
14L1	Ss	M	9-10-57	55	.1	0	85	-----	8	94	
			5-28-59	61	.1	0	151	-----	8	104	
22L1	Ss	M	7-14-59	62	.3	14	215	65	5	236	
7/4W- 7F1	Ss	M?	7-14-59	60	.1	19	293	40	4	264	
9E1	Ss	M	10- 6-59	63	.1	0	395	11	2	48	
13E1	Ss	P?	9-11-57	55	.1	22	359	-----	12	532	
13J1	Ss	M	7-14-59	59	.1	29	429	20	4	10	
13K1	Ls	M	7-14-59	59	.1	24	283	80	8	256	
17J1	Ss	P	4-28-59	54	1.0	0	234	10	4	202	
18K1	Ls	M	9-10-57	54	.1	24	312	-----	2	282	
19J1	Ls	M	4-28-59	--	1.5	0	322	12	2	184	
20A1	-----	M	9-11-57	54	.1-	0	198	-----	0	84	
20M1	Ss	P?	4-28-59	--	1.0	19	249	10	4	168	
21Q1	-----	M	4-28-59	--	.1	24	249	150	8	320	
27E1	Ss	M	4-28-59	--	.5	0	215	15	3	128	
27N1	-----	P?	4-28-59	59	.1	0	395	48	6	248	
28H1	Cgl	P	4-28-59	--	1.0	0	312	30	6	212	
31B1	Ss	P	9-11-57	56	.1	19	276	-----	8	156	
31K1	Cgl	P	4-28-59	--	2.5	29	312	30	40	256	
33B1	Ss	M?	4-28-59	57	.3	0	273	20	6	176	
34C1	-----	M	4-28-59	57	.3	0	346	22	5	264	Water from cave.

Table 3.--Field-chemical analyses of water from wells, Greene County, Indiana--Continued

Well Number	Material	Geologic Age	Date of Collection	Temperature (°F)	Iron (Fe)	Carbonate (CO_3)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Hardness as $CaCO_3$ (calcium, magnesium)	Remarks
7/4W-34P1	-----	M	9-11-57	55	1.0	0	344	-----	1	140	
7/5W- 7F1	-----	P	10- 8-57	54	.1	0	517	-----	12	100	
8C1	S	P1	10- 8-57	56	.1	0	207	-----	13	258	
9A1	-----	P?	4-23-59	52	.1	0	342	300	28	432	
9M1	-----	P	4-22-59	56	.1	48	420	40	90	40	
10E1	Ss,Sh	P	4-23-59	52	.1	29	317	62	4	38	
12R1	Ss	P	4-23-59	--	.1	0	366	90	8	324	
13M1	Ss	P?	9-25-57	55	1.5	0	388	-----	1	196	
13M2	Ss	P?	4-23-59	56	.3	0	166	90	30	168	
14C1	Ss	P	9-25-57	55	5.0	0	203	-----	44	268	
14C2	-----	P	4-23-59	--	.3	0	259	355	86	534	
14M1	-----	P?	4-27-59	58	3.0	0	410	152	4	256	
15B1	Ss	P	4-23-59	53	.1	0	322	215	12	264	
	Ss	M?									
15G1	Ss	P	9-25-57	56	7.5+	0	285	-----	4	142	
16A1	Ss	P	4-27-59	--	2.5	0	405	10	14	182	
19C1	Ss	P	10- 8-57	55	.1	22	532	-----	66	14	
19E1	Ss	P	4-27-59	--	.1	0	400	70	10	286	
19M1	-----	P?	4-22-59	56	.1	67	791	15	248	6	
19P1	-----	P	4-27-59	59	.5	19	527	5	8	7	
19P2	-----	P	10- 6-59	--	.3	0	522	13	12	244	
20G1	Ss	P	9-26-57	55	.1	14	300	-----	7	262	
20J1	-----	P	4-22-59	53	5.0	0	488	10	5	292	
20K1	Ss	P	4-22-59	--	.3	34	332	12	4	236	
20N1	-----	P	7-14-59	58	1.0	29	307	5	2	232	
20P1	-----	P	4-21-59	56	.5	0	420	40	48	164	
21M1	Ss	P	7-14-58	64	.5	14	464	8	4	340	
21P1	Ss	P	9-26-57	55	1.0	0	344	-----	12	182	
24B1	Ss	P	4-27-59	57	.1	0	259	45	6	208	
25D1	Ss	M	4-27-59	54	.1	72	595	70	6	4	

7/5W-25K1	Ss	M	4-27-59	--	0.3	10	464	45	12	84	
25M1	-----	P	9-25-57	54	.3	34	744	-----	38	18	
26E1	S	P1	7-15-59	--	3.0	19	273	5	8	244	
27G1	Ss	P	9-25-57	54	.5	0	427	-----	2	316	
27G2	Ss	P	9-25-57	55	.1	0	410	-----	3	312	
30B1	Ss	P	4-22-59	54	1.5	0	478	340	11	532	
32G1	-----	P	10- 8-57	55	.3	0	486	-----	8	338	
35K1	Ss,Ls	M	9-26-57	55	.1	5	383	-----	5	56	
			12-16-57	--	.1	17	381	-----	5	57	
36M1	-----	M	4-27-59	57	.1	0	366	15	4	244	
7/6W- 1P1	Ss	P	10- 8-57	55	.5	0	510	-----	14	852	
2B1	-----	P	4-22-59	55	1.0	0	478	960	40	1,260	
5N1	-----	P	4-22-59	53	.3	0	303	90	34	316	
6D1	C,Sh	P	4-22-59	56	1.5	0	454	58	6	296	
12H1	-----	P	4-22-59	--	3.0	38	415	30	8	188	
14N2	Ss	P	4-22-59	58	.1-	82	571	55	246	6	
15R1	-----	P	4-22-59	--	.3	38	537	40	5	144	
16P1	-----	P	4-21-59	54	.1	62	522	70	342	26	
17F1	Ss	P	4-21-59	56	.5	0	381	785	18	890	
18N1	Ss	P	4-21-59	--	.5	48	483	22	12	96	
20A1	-----	P	10- 8-57	55	.1	12	429	-----	4	54	
20A2	Ss,C	P	10- 8-57	56	.2	17	461	-----	6	34	
20B1	-----	P	10- 8-57	59	.1	211	337	-----	6	14	
22A10	Ss	P	4-21-59	56	.1	0	142	55	9	100	
22H4	Ss	P	4-21-59	56	.1	91	712	25	96	4	
23C2	Ss	P	4-22-59	--	.1	43	586	80	592	44	Sample from storage tank.
23D2	Ss	P	4-21-59	52	.1	77	659	40	180	5	
23E1	Ss	P	4-21-59	--	.3	0	576	55	8	26	
23E3	Ss	P	10- 6-59	--	.1	62	766	16	124	5	
23P1	Ss	P	4-22-59	--	7.5	43	371	90	9	200	
28K1	-----	P	8-13-59	56	7.5	0	454	390	5	116	
33J1	-----	P	10-10-57	55	.2	14	525	-----	3	89	
33K1	-----	--	10-10-57	56	.1	70	681	-----	48	6	
34E1	S,G	P1	4-22-59	56	.1	34	483	530	6	158	
7/7W- 1C1	-----	P	10-14-57	56	.5	108	1,220	-----	26	6	

Table 3.--Field chemical analyses of water from wells, Greene County, Indiana--Continued

Well Number	Material	Geologic Age	Date of Collection	Temperature (°F)	Iron (Fe)	Carbonate (CO_3)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Hardness as $CaCO_3$ (calcium, magnesium)	Remarks
7/7W--2C2	-----	P	7-15-59	57	0.3	72	971	8	110	6	
3J1	-----	P	7-15-59	--	.3	48	551	40	6	38	
6J1	Ss	P	4-15-59	60	.5	29	712	58	8	20	
9A1	Ss	P	4-15-57	48	7.5+	0	390	450	8	710	
9C1	-----	P	4-15-59	54	.3	5	503	505	14	852	
9E2	Ss	P	10-14-57	54	.3	0	490	-----	12	1,200	
9K1	C,Ss	P	4-15-59	55	.1	10	420	2	4	190	
9R1	Sh	P	4-15-59	--	.3	0	473	225	10	558	
10C1	Ss	P	4-15-59	--	.1	0	181	60	42	184	
10E1	Ss	P	4-21-59	54	.3	0	361	38	6	134	
10G1	Ss	P	10-14-57	55	.3	24	439	-----	3	12	
11B1	-----	P	7-15-59	59	.5	29	405	125	8	276	
11E1	Ss	P	10-14-57	56	.1	43	500	-----	7	3	
11E2	-----	P	4-15-59	58	.2	38	634	22	6	6	
11P1	-----	P	4-16-57	52	.3	38	644	10	6	8	
12R1	-----	P	10-15-57	56	.5	0	551	-----	8	156	
13E1	Ss	P	10-15-57	54	.1	89	703	-----	6	4	
13P2	Ss	P	4-21-59	58	.3	62	656	20	18	8	
13R1	Ss	P	10-28-57	57	.1	62	630	-----	26	7	
14A1	Ss	P	10-14-57	55	.5	17	547	-----	3	58	
14B1	C	P	4-15-59	54	.1	19	20	10	6	48	
	Sd-Sh	P									
14H1	Ss	P	4-15-59	60	.1	77	683	10	4	4	
21J1	-----	--	7-15-59	--	.1	67	512	68	4	6	
26C2	-----	P	4-21-59	56	5.0	58	688	20	90	16	
27C1	-----	P	10-15-57	55	.5	53	844	-----	58	8	
29P1	C	P	4- 3-59	50	.3	86	1,140	15	232	6	
32R1	-----	P	4- 3-59	54	.5	24	478	55	94	222	
8/3W-14M1	Ls	M	4-29-59	56	.1	19	342	65	18	352	
18D1	Ls	M	4-29-59	54	.3	0	376	25	5	272	

8/3W-33J1	Ss	M	8-12-59	58	0.5	0	400	335	4	532	
8/4W-17B1	Ls	M	10- 6-59	60	.3	0	0	140	185	156	
19F1	Ss	M	10-29-57	56	1.5	0	315	-----	12	178	
19M1	Ls	M	10-29-57	54	.3	0	149	-----	38	167	
			5-26-58	58	.1	0	210	-----	15	116	
21K1	-----	M	10-29-57	57	.1	0	224	-----	14	222	
24P1	Sh,Ss	M?	4-29-59	57	.1	19	273	25	22	246	
26N2	Sh	M	4-29-59	56	.1	0	283	20	8	208	
8/5W- 2G2	Ss	M	8-13-59	--	.1-	34	556	58	4	6	
2G3	Ss	M	8-13-59	60	.1-	58	620	105	6	2	
4F1	Ss	M	4- 2-58	--	.1	?	?	-----	3,240	164	Aquifer at 340 to 350 ft; "P" alkalinity 480 ppm; "M" alkalinity 560 ppm.
	Ls	M	11-58	56	7.5+	0	254	-----	2.010	2,100	Aquifer 990 to 1,021 ft, gassey.
7Q1	Ss	P	10-30-57	55	.1	17	320	-----	30	472	
8F1	Ss	M	10-30-57	54	.3	31	437	-----	236	12	
8G1	Ls	M	10-30-57	56	.1	36	403	-----	22	9	
			12-19-57	56	.1	43	371	-----	34	6	
9B1	Ss	P	8-13-59	--	3.0	0	356	350	14	564	
9C1	Ss	P	8-13-59	--	5.0	0	395	180	8	372	
12R1	Ss	M	8-12-59	56	5.0	0	459	52	6	220	
14D1	Ss	P	4-30-59	56	2.0	0	224	30	4	168	
15C1	Ss	P	10-30-57	55	.1	5	393	-----	3	34	
15C2	-----	P	10-30-57	56	5.0	14	246	-----	22	445	
15C3	-----	P	10-30-57	--	.1	5	222	-----	4	200	
16A1	Sh	P	8-13-59	58	7.5	0	185	22	3	92	
16R2	Ss	P	4-30-59	--	.1	0	229	30	10	184	
17H1	Ss	P	10-30-57	54	.1	14	293	-----	5	256	
17J1	Ss	P	10-30-57	55	1.0	17	273	-----	3	244	
21A1	-----	P	10-30-57	--	.1-	19	198	-----	8	260	
21L1	C,Ss	P	10-30-57	54	1.0	7	232	-----	8	236	
			8-12-59	--	.5	0	288	95	4	240	

Table 3.--Field chemical analyses of water from wells, Greene County, Indiana--Continued

Well Number	Material	Geologic Age	Date of Collection	Temperature (°F)	Iron (Fe)	Carbonate (CO_3)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Hardness as $CaCO_3$ (calcium, magnesium)	Remarks
8/5W-21P2	-----	P	10- 6-59	63	1.0	0	264	12	40	188	
23J1	Ss	P	4-30-59	--	.1	29	346	40	6	204	
	Ss	M									
24H1	Ss	M	8-12-59	56	1.5	0	322	25	6	196	
25B1	Ss	M	10-29-57	56	.1	0	83	-----	162	264	
25E1	Ls	M	10-29-57	54	.1	0	93	-----	14	56	
26E1	Ss	M	10- 6-59	62	.5	0	361	16	5	124	
26F1	Ss	M	4-29-59	--	.1	0	224	32	24	256	
28E1	Sd-Sh	P	8-13-59	--	3.0	0	283	28	44	236	
29B1	G,S	Pl	3-26-57	56	.1	0	188	-----	16	240	
			10-30-57	55	.1	17	166	-----	10	230	
30D1	Ss	P	4-30-59	56	.3	0	327	35	10	244	
8/6W- 1H1	Ss	P	8-12-59	--	.1	38	425	24	26	14	
8H1	-----	P	11- 4-57	55	.1	62	532	-----	11	4	
12C1	-----	P	8-12-59	--	2.0	19	351	31	3	14	
13J1	-----	P	10-30-57	56	2.5	5	290	-----	13	204	
15Q1	Ss	P	11- 4-57	56	.1	67	598	-----	120	4	
16N1	Ss	P	11- 4-57	55	.1-	12	239	-----	0	70	
	Sd-Sh	P									
18R1	Ss	P	11- 4-57	55	.3	17	349	-----	1	33	
19C1	-----	P	8-12-59	59	.3	58	742	23	496	10	
19E1	Ss	P	8-12-59	59	3.0	0	410	275	8	460	
20D1	Ss	P	8-12-59	58	.3	48	390	25	4	14	
20Q1	Ss	P	8-12-59	61	5.0	0	166	330	32	444	
21A1	C	P	11- 4-57	--	.1	17	422	-----	7	9	
21K1	Ss	P	11- 4-57	--	.1-	24	300	-----	0	22	
21P1	-----	P	11- 4-57	55	.1	36	393	-----	2	8	
22A1	Ss	P	8- 2-59	58	.1	34	425	40	6	20	
23N1	C	P	11- 4-57	55	.5	12	264	-----	3	208	
24E1	C	P	8-12-59	58	.1	0	381	64	4	2	

8/6W-26B1	Ss	P	8-12-59	55	0.1	72	468	23	7	4	
26J1	Ss	P	11- 4-57	54	.1-	26	466	-----	20	12	
26M1	Sd-Sh	P	11- 4-57	--	.1	19	329	-----	3	172	
27N1	Ss	P	8-12-59	59	.1	29	361	130	16	10	
28Q1	C,F	P	11- 4-57	55	.1	29	307	-----	6	16	
30D1	S,G	Pl	8-12-59	59	7.5+	0	278	23	11	140	
31E1	Sd-Sh	P	4-15-59	53	.3	34	581	65	8	76	
31M1	Ss	P	8-12-59	55	.3	0	454	75	10	340	
8/7W- 1D1	-----	P	7-17-59	--	.5	19	405	10	50	70	
2Q1	Ss	P	7-17-59	57	1.0	0	34	185	28	232	
3J1	Ss	P	7-28-59	59	.1	0	268	90	40	148	Sample from upper aquifer.
3R1	Ss	P	11- 5-57	--	.1	0	637	-----	20	236	
5E1	-----	P	8-12-59	--	.1	0	595	74	10	396	
7D1	Ss	P	11- 6-57	56	.3	31	1,680	-----	12	124	
			8- 6-59	--	.3	0	1,770	610	12	142	
10N1	C	P	8- 6-59	60	.5	24	542	27	7	14	
10N5	C	P	7-17-59	--	.1	48	503	35	4	14	
11C1	Ss	P	7-17-59	54	7.5+	0	29	120	2	70	
13R1	Ss	P	7-17-59	--	.5	38	312	265	6	436	
14B1	Sh,C	P	7-17-59	57	.1-	38	322	8	4	20	
15E1	C	P	7-17-59	--	.1	67	503	8	8	5	
16C1	Sh	P	11- 5-57	55	2.0	24	366	-----	6	716	
16R1	Ss	P	7-16-59	59	.1-	48	429	105	4	6	
20A1	Ss	P	7-16-59	55	7.5+	24	195	315	36	548	
21G1	Ss	P	7-16-59	--	1.0	38	381	225	4	464	
21M1	Ss	P	11- 5-57	56	.5	12	461	-----	7	652	
22A1	Ss	P	7-16-59	--	.3	67	625	5	18	3	
22D2	Ss	P	7-16-59	--	.3	86	766	5	34	4	
22J1	Ss	P	7-16-59	58	.1	86	649	5	24	3	
23B1	Ss	P	7-16-59	58	.1	62	444	5	6	4	
24J1	-----	P	7-16-59	58	.1	24	293	240	26	444	
27M1	Ss	P	7-16-59	--	1.0	62	356	240	4	548	
28A1	-----	P	7-16-59	--	.3	62	449	260	2	6	
28P1	Ss,C	P	11- 5-57	55	.3	17	376	-----	2	400	
31A1	-----	P	7-16-59	--	.3	58	503	8	112	8	
33A1	-----	P	7-15-59	--	5.0	19	610	405	20	860	
33R1	Ss	P	7-15-59	62	5.0	0	376	225	16	496	
34D1	Sd-Sh	P	7-15-59	60	.3	82	625	25	6	40	
	Ss	P									
34R1	Ss	P	11- 5-57	--	.1	50	554	-----	14	8	

Table 4.--Records of springs, Greene County, Indiana

Spring number: See text for description of well-numbering system.
Altitude: Altitude of land-surface datum from topographic map.
Water-bearing material: Ls, limestone; Ss, sandstone; T, till.
Geologic age: Pl, Pleistocene; P, Pennsylvanian; M, Mississippian.

Flow: e, estimated; m, measured.
Use: D, domestic; N, not used; P, public supply; S, stock.
Field chemical analyses: In parts per million; water samples collected on date of measurement.

Spring No.	Owner	Popular name	Altitude (feet)	Water-bearing material	Geologic age	Flow (gpm)	Date of measurement	Use	Field chemical analyses: Temperature (°F)	Iron (Fe)	Carbonate (CO_3)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Hardness as $CaCO_3$ (calcium, magnesium)	Remarks
6/3W- 7L1	F. Wilbur	----------	510	Ls	M	1 e	10-22-59	D,S	52	0.2	0	195	18	14	140	Spring from solution openings in limestone at contact with underlying shale.
10P1	Mrs. M. Martindale	----------	740	Ls	M	2 e	10-19-59	N	53	.1	0	142	18	4	88	Do.
15Q1	L. B. Stool	Sexon's Spring	670	Ls	M	85 m	10-19-59	D,S	54	.3	0	176	28	7	128	Do.
16A1	----------	----------	840	Ss	P	.2e	10-19-59	S	55	4.0	0	127	830	124	944	Seep from fractures in massive sandstone.
17C1	D. Robertson	----------	870	Ls	M	6 e	10-22-59	D,S	58	.2	0	158	95	6	164	Spring from solution openings in limestone at contact with underlying shale.
20G1	J. B. Ashcraft	Osbourne Spring	630	Ls	M	30 m	10-22-59	P	54	.2	0	158	34	4	114	Do.
8/4W-11A1	Mr. Ashcraft	----------	540	Ls	M	220 e	11-18-59	N	54	.2	0	98	28	4	72	Do.
12E1	----------	Rock Springs	550	Ls	M	25 e	10-22-59	P	54	.2	0	151	38	4	118	Do.
15A1	C. M. Lynch	Rankin Spring	480	Ls	M	380 m	10-22-59	S	55	.2	0	132	38	5	100	Spring opening in bottom of natural pool.
6/5W-21G1	W. Autrey	----------	500	T	Pl	10 e	11-18-59	N	40	1.0	0	171	17	6	124	Widespread seep zone in sandy till, heavy iron deposits at seeps.
7/3W- 6R2	----------	----------	555	Ls	M	20 e	1-18-60	N	49	.2	0	112	37	6	84	Solution opening at base of limestone cliff.
7P1	C. C. Gray	----------	560	Ls	M	8 m	10-23-59	P,S	55	.2	0	195	26	8	156	Spring from solution openings in limestone at contact with underlying shale.
9K1	----------	----------	580	Ls	M	15 e	1-18-60	N	50	.2	0	156	33	6	100	Spring opening in bottom of natural pool.
30P1	----------	Good Spring	600	Ls	M	60 m	10-23-59	S	54	.2	0	190	44	8	172	Spring from solution openings in limestone at contact with underlying shale.
33Q1	----------	----------	690	Ls	M	20 e	10-18-59	D,P	55	.3	0	166	19	6	120	Do.
7/4W-13C1	Mr. Livingstone	Ray's Cave	610	Ls	M	30 e	10-23-59	N	53	.2	0	181	57	6	168	Spring from limestone cave.
21J1	----------	----------	590	Ss	P	.3m	11-19-59	D	52	.2	0	88	14	4	32	
36G1	L. B. Musman	----------	585	Ls	M	15 e	10-18-59	N	55	.2	0	195	23	8	160	
8/4W-11Q1	Mrs. I. Watkins	Watkins Spring	650	Ls	M	30 m	10-21-59	D,S,P	55	.2	0	244	48	8	208	Spring from solution openings in limestone at contact with underlying shale.
15H1	Mrs. H. H. Hays	----------	650	Ls	M	250 e	11-19-59	D	51	.2	0	161	65	12	156	Spring from limestone cave.

Table 5.--Field chemical analyses of water from streams, Greene County, Indiana

(Results in parts per million)

Name	Location	Date of collection	Temperature (°F)	Iron (Fe)	Carbonate (CO_3)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Hardness as $CaCO_3$ (calcium, magnesium)	Remarks
					T. 6 N., R. 3 W.					
Little Clifty Branch	NE¼SE¼ sec. 5	11-19-59	43	0.3	0	112	22	4	72	Sample taken 100 ft. down stream from bridge on county road.
Plummer Creek	SW¼SE¼ sec. 7	10-22-59	52	.3	0	137	24	4	92	Sample taken at bridge on county road.
Indian Creek	NW¼NE¼ sec. 36	11-18-59	36	.2	0	176	32	8	144	Sample taken at bridge on state road.
					T. 8 N., R. 4 W.					
Doans Creek	NW¼NW¼ sec. 33	11-18-59	35	.2	0	88	49	8	72	Sample taken at bridge on county road.
					T. 6 N., R. 5 W.					
Plummer Creek	NW¼NE¼ sec. 2	10-22-59	53	.3	0	151	34	4	112	Sample taken at bridge on state road.
Doans Creek	SW¼SE¼ sec. 18	11-18-59	35	.5	0	122	54	20	120	Sample taken 100 ft. down stream from county road bridge.
First Creek	SE¼SE¼ sec. 31	11-18-59	36	.3	0	107	41	8	80	Sample taken at bridge on county road.
Doans Creek	NE¼NW¼ sec. 36	11-18-59	36	.5	0	107	55	10	96	Sample taken at bridge on state road.
					T. 6 N., R. 6 W.					
Beehunter Ditch	NW¼SW¼ sec. 7	11-18-59	37	.2	0	254	210	16	332	Sample taken at bridge on county road.
Fourmile Creek	SE¼NW¼ sec. 22	11-18-59	37	.2	0	342	110	12	368	Do.
White River	NE¼NE¼ sec. 25	11-18-59	41	.3	0	264	87	18	260	Sample taken at bridge on state road.
					T. 6 N., R. 7 W.					
Singer Ditch	SE¼SE¼ sec. 31	11-18-59	34	.2	0	220	695	10	778	Sample taken at bridge on county road.
Black Creek	NW¼NW¼ sec. 36	11-18-59	35	1.0	0	176	370	10	444	Do.
					T. 7 N., R. 3 W.					
Beech Creek	NE¼SW¼ sec. 10	11-18-59	43	.2	0	107	35	6	88	Do.
Indian Creek	NE¼NE¼ sec. 23	11-18-59	37	.2	0	215	35	8	180	Do.
Clifty Branch	NW¼NE¼ sec. 31	11-19-59	39	.2	0	117	23	8	84	Sample taken 300 ft. down stream from bridge on county road.
					T. 7 N., R. 4 W.					
Richland Creek	NW¼NW¼ sec. 3	11-18-59	36	.3	0	210	30	8	172	Sample taken at bridge on county road.
Beech Creek	NW¼NW¼ sec. 11	11-18-59	42	.2	0	122	29	4	100	Do.
Ore Branch	SE¼SW¼ sec. 21	11-19-59	42	.2	0	107	43	12	104	Sample taken at ford to farm house.
Bridge Creek	SE¼SW¼ sec. 24	11-19-59	39	.2	0	117	28	6	80	Sample taken at bridge on county road.
					T. 7 N., R. 5 W.					
Sloan Ditch	NW¼NW¼ sec. 20	11-18-59	42	.2	0	293	90	10	276	Do.
Lattas Creek	SE¼NE¼ sec. 20	11-18-59	37	.2	0	142	205	8	276	Do.
Ore Branch	NE¼NE¼ sec. 25	11-19-59	41	1.0	0	137	42	4	112	Do.
Richland Creek	SE¼SW¼ sec. 26	10-22-59	53	.5	0	205	34	8	168	Sample taken at bridge on state road.
					T. 7 N., R. 6 W.					
Lattas Creek	SE¼NE¼ sec. 10	11-18-59	37	.2	0	107	290	10	324	Sample taken at bridge on county road.
Buck Creek	NW¼NW¼ sec. 20	11-18-59	34	.2	0	317	295	8	480	Sample taken at bridge on state road.
Fourmile Ditch	NE¼NE¼ sec. 36	11-18-59	38	.2	0	381	55	14	308	Do.
					T. 7 N., R. 7 W.					
Buck Creek	NW¼NE¼ sec. 3	11-18-59	34	.2	0	161	95	10	172	Sample taken at bridge on county road.
Beehunter Ditch	NE¼NE¼ sec. 23	11-18-59	34	.3	0	259	290	16	444	Sample taken at bridge on state road.
Goose Pond Ditch	NW¼SE¼ sec. 29	11-18-59	35	7.5+	0	24	985	10	844	Sample taken at bridge on county road.
					T. 8 N., R. 3 W.					
Richland Creek	SE¼NW¼ sec. 12	10-21-59	55	.5	0	278	37	6	236	Sample taken at bridge on state road.
					T. 8 N., R. 4 W.					
Lick Creek	NE¼NE¼ sec. 1	11-19-59	38	.3	0	239	32	6	192	Sample taken at bridge on county road.
Goose Creek	SW¼NW¼ sec. 19	11-19-59	52	.3	0	176	35	4	140	Do.
					T. 8 N., R. 5 W.					
Sloan Ditch	NW¼SW¼ sec. 20	11-18-59	42	.5	0	288	95	12	276	Do.
Eel River	NW¼NE¼ sec. 21	11-19-59	38	.2	0	220	70	10	208	Do.
White River	SE¼SE¼ sec. 21	11-19-59	40	.3	0	298	92	18	236	Sample taken at bridge on state road.
Kelly Branch	SW¼SW¼ sec. 25	11-19-59	38	.2	0	166	38	12	132	Do.
					T. 8 N., R. 7 W.					
Lattas Creek	SE¼SE¼ sec. 23	11-18-59	34	.5	0	264	1,130	10	1,300	Sample taken at bridge on county road.

Table 6.--Water levels in observation wells, Greene County, Indiana
(In feet below land-surface datum, except as noted.
Water level: e, estimated; h, tape measurement in recorder well)

Greene 1. (6/6W-4B2). Bert Edwards. NW¼NE¼ sec. 4, T. 6 N., R. 6 W. Dug well, used some for domestic supply, in glacial till, diameter 36 inches, depth 22 feet. Land-surface datum is about 510 feet above msl. Highest water level is 0.87 below lsd, Apr. 10, 1944; lowest is 9.57 below lsd, Dec. 18, 1944. Records available: 1944-45.

Date		Water level	Date		Water level	Date		Water level	Date		Water level
1944			July	31	5.83	1945			May	21	1.63
			Aug.	7	6.33					28	2.10
Feb.	21	4.24		14	6.71	Jan.	2	9.53	June	5	2.52
	28	1.54		21	7.06		9	9.55		12	1.40
Mar.	6	1.16		28	7.33		15	9.55		18	1.51
Apr.	3	1.76	Sept.	4	7.53		22	9.48		25	1.75
	10	.87		12	7.76		29	9.43	July	2	2.41
	17	1.76		18	8.03	Feb.	6	9.30		9	2.77
	24	1.63		25	8.24		12	9.22		16	3.36
May	1	1.98	Oct.	2	8.50		19	8.70		23	3.85
	8	2.08		9	8.55		26	1.53		30	4.26
	15	1.85		17	8.73	Mar.	5	1.51	Aug.	6	4.66
	23	2.19		24	8.85		12	1.70		13	5.08
	29	2.40		31	8.97		19	.91		20	3.58
June	6	2.59	Nov.	6	9.08		26	1.51		27	4.09
	12	2.85		13	9.16	Apr.	2	1.30	Sept.	3	4.68
	19	3.19		21	9.25		9	1.45		10	5.18
	26	3.52		27	9.29		16	1.10		17	5.46
July	3	4.04	Dec.	4	9.49		23	1.68		26	3.76
	10	4.53		12	9.52		30	1.64	Oct.	1	.90
	17	4.99		18	9.57	May	7	1.76		8	2.04
	25	5.51		25	9.51		14	1.69		15	2.58

Greene 2. (6/6W-25J5). Max Stone, NE¼SE¼ sec. 25, T. 6 N., R. 6 W. Drilled unused well in glacial till and sand, diameter 10 inches, depth 38 feet. Land-surface datum is 554.6 feet above msl. Recording gage installed July 17, 1957. Highest water level is 12.85 below lsd, Jan. 25, 1958; lowest is 19.42 below lsd, Aug. 14, 1959. Records available 1957-1959.

(Daily highest water level from recorder graph, 1957)

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	-----	-----	-----	-----	-----	-----	-----	15.04	16.48	17.73	18.08	16.72
2	-----	-----	-----	-----	-----	-----	-----	15.00	16.62	17.90	18.06	16.76
3	-----	-----	-----	-----	-----	-----	-----	15.00	16.78	18.13	18.03	16.68
4	-----	-----	-----	-----	-----	-----	-----	15.62	-----	18.11	-----	16.55
5	-----	-----	-----	-----	-----	-----	-----	-----	-----	18.19	17.96	16.43
6	-----	-----	-----	-----	-----	-----	-----	-----	16.85	18.38	17.95	16.29
7	-----	-----	-----	-----	-----	-----	-----	15.55	16.85	18.39	17.99	16.25
8	-----	-----	-----	-----	-----	-----	-----	15.55	16.99	18.43	17.92	16.19
9	-----	-----	-----	-----	-----	-----	-----	15.50	-----	18.41	17.90	16.13

Table 6.--Water levels in observation wells, Greene County, Indiana--Continued

Greene 2--Continued

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
10	-----	-----	-----	-----	-----	-----	-----	15.51	-----	-----	17.92	16.06
11	-----	-----	-----	-----	-----	-----	-----	15.71	-----	-----	17.98	15.96
12	-----	-----	-----	-----	-----	-----	-----	16.02	-----	-----	18.14	15.85
13	-----	-----	-----	-----	-----	-----	-----	-----	-----	18.58	17.98	15.80
14	-----	-----	-----	-----	-----	-----	-----	15.96	-----	18.72	17.77	15.76
15	-----	-----	-----	-----	-----	-----	-----	15.90	-----	18.83	17.70	15.71
16	-----	-----	-----	-----	-----	-----	-----	15.83	-----	18.66	17.62	15.67
17	-----	-----	-----	-----	-----	-----	-----	15.81	-----	e18.54	17.46	15.51
18	-----	-----	-----	-----	-----	-----	15.08	-----	-----	18.43	17.38	15.34
19	-----	-----	-----	-----	-----	-----	14.98	16.04	17.57	18.39	e17.25	15.17
20	-----	-----	-----	-----	-----	-----	14.94	16.03	17.47	18.48	-----	15.07
21	-----	-----	-----	-----	-----	-----	15.04	16.06	17.33	18.86	17.07	15.00
22	-----	-----	-----	-----	-----	-----	15.28	16.05	17.28	18.87	16.92	14.99
23	-----	-----	-----	-----	-----	-----	15.26	16.13	17.27	18.74	16.80	15.01
24	-----	-----	-----	-----	-----	-----	15.24	16.09	17.27	18.67	16.75	14.92
25	-----	-----	-----	-----	-----	-----	15.16	-----	17.25	18.59	16.68	14.67
26	-----	-----	-----	-----	-----	-----	15.11	-----	17.36	18.55	16.60	14.52
27	-----	-----	-----	-----	-----	-----	15.12	-----	17.40	-----	16.73	14.36
28	-----	-----	-----	-----	-----	-----	15.16	-----	17.37	-----	16.94	14.25
29	-----	-----	-----	-----	-----	-----	15.16	-----	17.46	18.36	16.87	14.18
30	-----	-----	-----	-----	-----	-----	15.12	16.28	17.67	18.24	16.77	14.15
31	-----	-----	-----	-----	-----	-----	15.11	16.26	-----	18.13	-----	14.11

(Daily highest water level from recorder graph, 1958)

1	13.87	13.01	14.06	16.05	-----	15.30	15.15	-----	13.85	-----	-----	-----
2	13.75	13.02	14.08	16.14	-----	15.36	15.19	-----	13.90	-----	-----	-----
3	13.63	13.09	14.10	16.18	-----	-----	15.20	-----	13.92	-----	-----	-----
4	13.55	13.16	14.12	16.16	16.04	-----	-----	-----	13.93	-----	-----	-----
5	13.54	13.17	14.15	16.33	15.95	-----	-----	13.96	13.95	-----	-----	-----
6	13.55	13.19	14.13	16.32	15.85	-----	-----	13.91	13.95	-----	-----	-----
7	13.46	13.19	14.14	16.30	15.77	-----	-----	13.85	13.97	-----	-----	-----
8	13.35	-----	14.28	16.26	15.73	-----	-----	13.83	-----	-----	-----	-----
9	13.28	13.32	14.37	16.20	15.71	15.16	-----	13.82	-----	-----	-----	-----
10	13.24	13.32	14.44	16.11	15.67	15.12	-----	13.82	-----	-----	-----	-----
11	13.33	13.40	14.51	16.08	-----	15.05	-----	13.81	-----	-----	-----	-----
12	13.33	13.44	14.58	16.11	-----	14.92	-----	13.78	-----	-----	-----	-----
13	13.30	13.46	14.63	16.23	-----	14.89	-----	-----	-----	-----	-----	-----
14	13.25	13.43	14.67	16.28	15.39	14.84	15.15	13.80	-----	h15.40	-----	-----
15	-----	13.54	14.68	16.31	15.27	14.82	15.08	13.69	-----	-----	-----	-----
16	-----	13.65	14.69	16.30	15.14	14.81	15.07	13.66	-----	-----	-----	-----
17	-----	13.75	14.86	16.34	15.04	-----	15.02	13.64	-----	-----	16.17	-----
18	13.01	13.74	14.93	16.35	14.97	-----	15.00	13.64	-----	-----	16.17	-----
19	13.07	13.74	14.97	16.38	14.97	-----	14.98	13.67	-----	-----	16.24	-----
20	13.08	13.75	14.97	16.46	15.19	-----	14.89	13.67	-----	-----	16.22	-----
21	13.01	13.82	14.98	16.47	15.32	-----	14.84	-----	-----	-----	16.20	-----
22	-----	13.82	15.11	16.53	-----	-----	-----	-----	14.62	-----	16.17	-----
23	12.93	13.83	15.39	16.51	-----	-----	14.77	-----	14.68	-----	16.15	-----

Table 6.--Water levels in observation wells, Greene County, Indiana--Continued

Greene 2--Continued

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
24	12.87	-----	15.47	16.48	-----	-----	14.71	-----	14.73	-----	16.16	-----
25	12.85	-----	15.46	16.46	-----	-----	14.63	-----	14.76	-----	-----	-----
26	12.95	14.01	15.42	16.44	15.02	14.74	14.57	-----	14.78	-----	-----	-----
27	12.97	14.01	-----	16.28	15.04	14.77	14.50	-----	14.77	-----	-----	-----
28	12.99	14.06	-----	16.10	15.31	14.85	14.46	-----	14.80	-----	-----	-----
29	13.05	14.06	15.34	-----	15.32	14.95	14.41	-----	-----	-----	-----	-----
30	13.05	-----	15.40	-----	15.30	15.07	14.30	-----	-----	-----	-----	-----
31	13.04	-----	15.48	-----	15.27	-----	-----	-----	-----	-----	-----	-----

(Daily highest water level from recorder graph, 1959)

1	-----	16.12	-----	14.25	14.71	-----	-----	18.24	18.87	-----	18.70	18.60
2	-----	16.09	-----	14.25	14.77	-----	-----	18.26	18.87	19.14	18.68	18.55
3	-----	16.01	-----	14.25	14.82	-----	-----	18.35	18.88	19.17	18.55	18.48
4	-----	-----	-----	14.24	14.89	-----	-----	18.31	18.91	19.15	18.49	e18.40
5	-----	-----	-----	14.23	14.93	-----	-----	18.37	18.92	19.17	18.48	18.33
6	-----	-----	-----	14.24	14.97	-----	-----	18.43	18.93	19.33	18.47	18.36
7	-----	-----	-----	14.27	15.01	-----	h18.29	18.44	18.96	19.36	18.47	18.51
8	-----	-----	-----	14.30	15.05	-----	18.33	18.44	18.97	19.34	18.49	18.53
9	-----	-----	-----	14.29	15.06	h16.89	18.30	18.44	19.02	19.29	18.48	18.49
10	-----	-----	-----	14.27	15.09	16.90	18.26	18.70	19.15	19.17	18.46	18.45
11	-----	-----	e15.06	14.26	15.15	16.87	18.23	18.87	19.24	19.15	18.45	18.35
12	-----	-----	14.98	14.24	15.16	16.85	18.23	18.93	19.34	19.16	18.45	18.25
13	-----	-----	14.91	14.28	15.22	16.85	18.26	18.96	19.38	19.08	18.60	18.19
14	-----	-----	14.84	14.31	15.27	16.86	18.30	18.99	19.41	19.01	18.59	18.12
15	-----	-----	14.76	14.33	15.30	16.88	18.33	19.03	19.40	18.95	18.57	18.08
16	-----	h15.69	e14.68	14.32	-----	16.91	18.24	19.02	19.38	18.89	18.57	e17.94
17	-----	15.65	-----	14.30	-----	16.93	18.21	19.01	19.34	18.83	-----	17.77
18	-----	e15.62	-----	14.29	-----	16.95	18.18	19.03	19.31	18.80	-----	17.67
19	-----	-----	-----	14.25	-----	16.95	18.17	19.03	19.32	18.75	-----	17.58
20	-----	-----	-----	14.24	-----	16.96	18.18	19.02	19.32	18.70	-----	17.49
21	-----	-----	-----	14.26	-----	16.99	18.18	19.02	19.32	18.66	-----	17.44
22	-----	-----	-----	14.27	-----	17.05	18.18	19.02	19.31	18.65	-----	17.42
23	-----	-----	-----	14.31	-----	17.09	18.19	19.04	19.30	18.75	-----	17.40
24	-----	-----	-----	14.37	-----	17.09	18.20	19.06	19.27	18.76	-----	17.37
25	-----	-----	-----	14.41	-----	17.10	18.21	19.06	19.25	18.77	-----	17.35
26	-----	-----	-----	14.46	-----	17.23	18.23	19.04	19.10	18.77	e18.54	17.32
27	16.44	-----	-----	14.53	-----	17.51	18.21	19.02	19.09	18.82	18.54	17.26
28	16.38	-----	-----	14.57	-----	-----	18.21	18.99	-----	18.84	18.66	17.24
29	16.28	-----	-----	14.59	-----	-----	18.20	18.99	-----	18.79	18.67	17.25
30	16.22	-----	h14.24	14.64	-----	-----	18.21	18.99	-----	18.75	18.66	17.24
31	16.17	-----	14.24	-----	-----	-----	18.22	18.98	-----	18.71	-----	17.22

Greene 3. (7/6W-20N2). City of Linton. SW¼SW¼ sec. 20, T. 7 N., R. 6 W. Drilled unused artesian well in glaciofluvial sand and gravel, diameter 8 inches, depth 48.5 feet. Land-surface datum is 482.2 feet above msl. Recording gage installed Apr. 30, 1946 to Oct. 2, 1946; reestablished Mar. 31, 1959. Highest water level is 0.01 above lsd, Apr. 28, 1959; lowest is 30.38 below lsd, Sept. 23, 1946. Records available 1946, 1959. Shows barometric fluctuation; affected by pumping of nearby wells in 1946.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
1946		May 16	h23.68	June 26	h23.08	Aug. 22	h28.15
		20	h23.13	July 2	h24.25	29	h28.73
Apr. 30	h23.79	28	h21.96	10	h25.06	Sept. 6	h29.18
May 6	h24.04	June 3	h22.30	16	h25.57	13	h29.72
9	h23.92	10	h22.59	24	h25.65	23	h30.38
13	h23.65	17	h22.77	Aug. 15	h27.55	Oct. 2	h30.31

(Daily highest water level from recorder graph, 1959)

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	-----	-----	-----	-----	0.43	0.42	1.55	2.80	2.41	3.03	1.62	0.78
2	-----	-----	-----	h0.01	.54	.48	1.75	2.85	2.45	2.85	1.59	.80
3	-----	-----	-----	h .00	.61	.55	1.86	2.72	2.76	2.84	1.50	.78
4	-----	-----	-----	.11	.64	.63	1.71	-----	2.87	2.90	1.24	-----
5	-----	-----	-----	.02	.67	.57	1.72	2.57	2.82	2.80	1.28	-----
6	-----	-----	-----	.16	.73	.61	1.80	2.35	2.82	2.69	1.59	-----
7	-----	-----	-----	.08	.92	.72	1.99	2.27	2.86	2.62	1.60	-----
8	-----	-----	-----	.11	1.04	.81	1.98	2.21	2.98	2.48	1.51	-----
9	-----	-----	-----	e .19	.74	.86	2.05	2.19	2.98	2.57	1.31	-----
10	-----	-----	-----	-----	.71	.85	2.01	2.23	3.00	2.49	1.09	-----
11	-----	-----	-----	-----	.81	.82	2.00	2.27	3.11	2.52	1.10	-----
12	-----	-----	-----	-----	.92	.78	2.10	2.23	3.06	2.59	1.04	-----
13	-----	-----	-----	-----	.69	.80	2.27	2.24	3.92	2.40	.93	-----
14	-----	-----	-----	-----	.67	.97	2.32	2.20	2.68	2.31	.98	-----
15	-----	-----	-----	.61	.67	.88	2.31	2.16	2.55	2.32	1.05	-----
16	-----	-----	-----	.65	.60	.78	2.33	2.10	2.62	2.23	.78	-----
17	-----	-----	-----	.61	.47	.86	2.25	2.11	2.98	2.24	-----	-----
18	-----	-----	-----	.63	.34	.98	2.19	2.22	3.09	2.18	-----	-----
19	-----	-----	-----	.46	.34	1.05	2.28	2.30	3.05	2.12	-----	-----
20	-----	-----	-----	.45	.38	1.02	2.44	2.27	2.96	2.12	-----	-----
21	-----	-----	-----	.52	.38	.99	2.58	2.24	2.86	2.26	-----	-----
22	-----	-----	-----	.42	.38	1.04	2.62	2.26	2.88	1.99	-----	-----
23	-----	-----	-----	.39	.41	1.21	2.53	2.31	2.91	1.54	-----	-----
24	-----	-----	-----	.29	.56	1.24	2.57	2.39	2.99	1.49	-----	.04
25	-----	-----	-----	.24	.41	1.27	2.68	2.35	2.85	1.53	-----	.00a/
26	-----	-----	-----	.31	.43	1.29	2.71	2.35	2.66	1.65	-----	.00a/
27	-----	-----	-----	.05	.54	1.45	2.68	2.39	2.66	1.77	.80	.00a/

a/ Water above casing in riser or leaking out between riser and casing.

Table 6.--Water levels in observation wells, Greene County, Indiana--Continued

Greene 3--Continued

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
28	-----	-----	-----	+0.01	0.65	1.47	2.69	2.35	-----	2.10	0.92	0.00a/
29	-----	-----	-----	.23	.59	1.55	2.73	2.31	-----	1.99	.96	.00a/
30	-----	-----	-----	.30	.54	1.55	2.78	2.34	-----	1.94	.84	.00a/
31	-----	-----	h0.07	-----	.43	-----	2.74	2.41	-----	1.79	-----	.06

a/ Water above casing in riser or leaking out between riser and casing.

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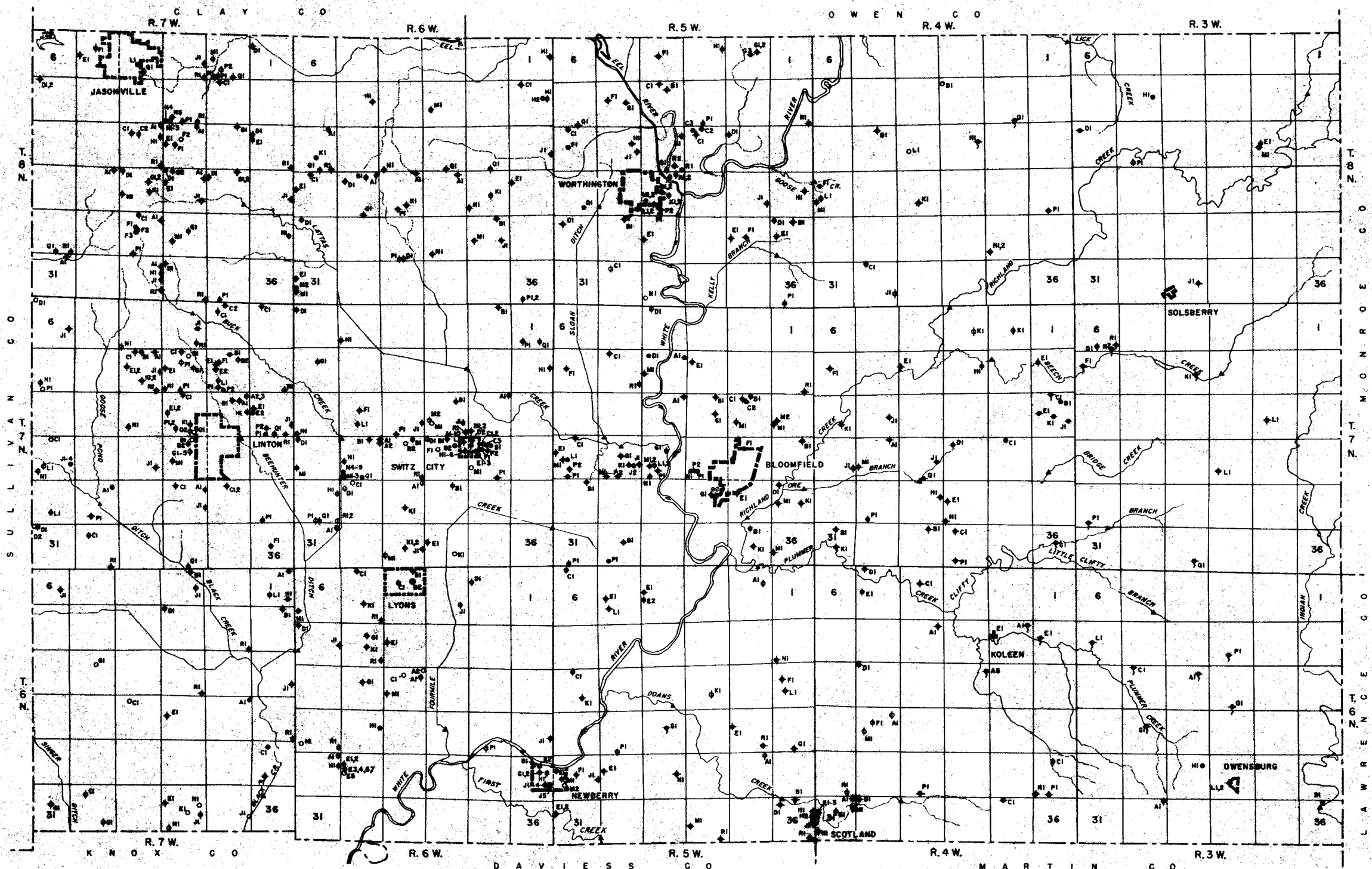

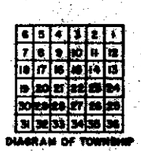

DIAGRAM OF TOWNSHIP

Base modified from Indiana Department of Conservation, Geological Survey, Base Map No. 28, Greene County, March 15, 1953

MAP OF GREENE COUNTY, INDIANA, SHOWING LOCATION OF WELLS AND SPRINGS

0 1 2 3 4 5 6 MILES

0 5000 10000 15000 20000 FEET

BY F.A. WATKINS, JR. AND R.E. JORDAN
1954

EXPLANATION

- ● B1 — Water well
- ● M1 — Observation well
- ● D1 — Spring
- ○ L1,2 — Oil well, test hole, drain hole, or hole drilled for purposes other than water supply.
- ▲ — Stream-water sampling site; field chemical analysis of water in table 5.
- ♦ P1 — Well for which log is listed in table 2.
- ◆ C2 — Well or spring for which field chemical analysis is listed in table 3 or 4.

D	C	B	A
E	F	G	H
M	L	K	J
N	P	Q	R

SECTION LETTER SYMBOLS IN WELL-NUMBERING SYSTEM.

STATE OF INDIANA
INDIANA DEPARTMENT OF CONSERVATION
DIVISION OF WATER RESOURCES

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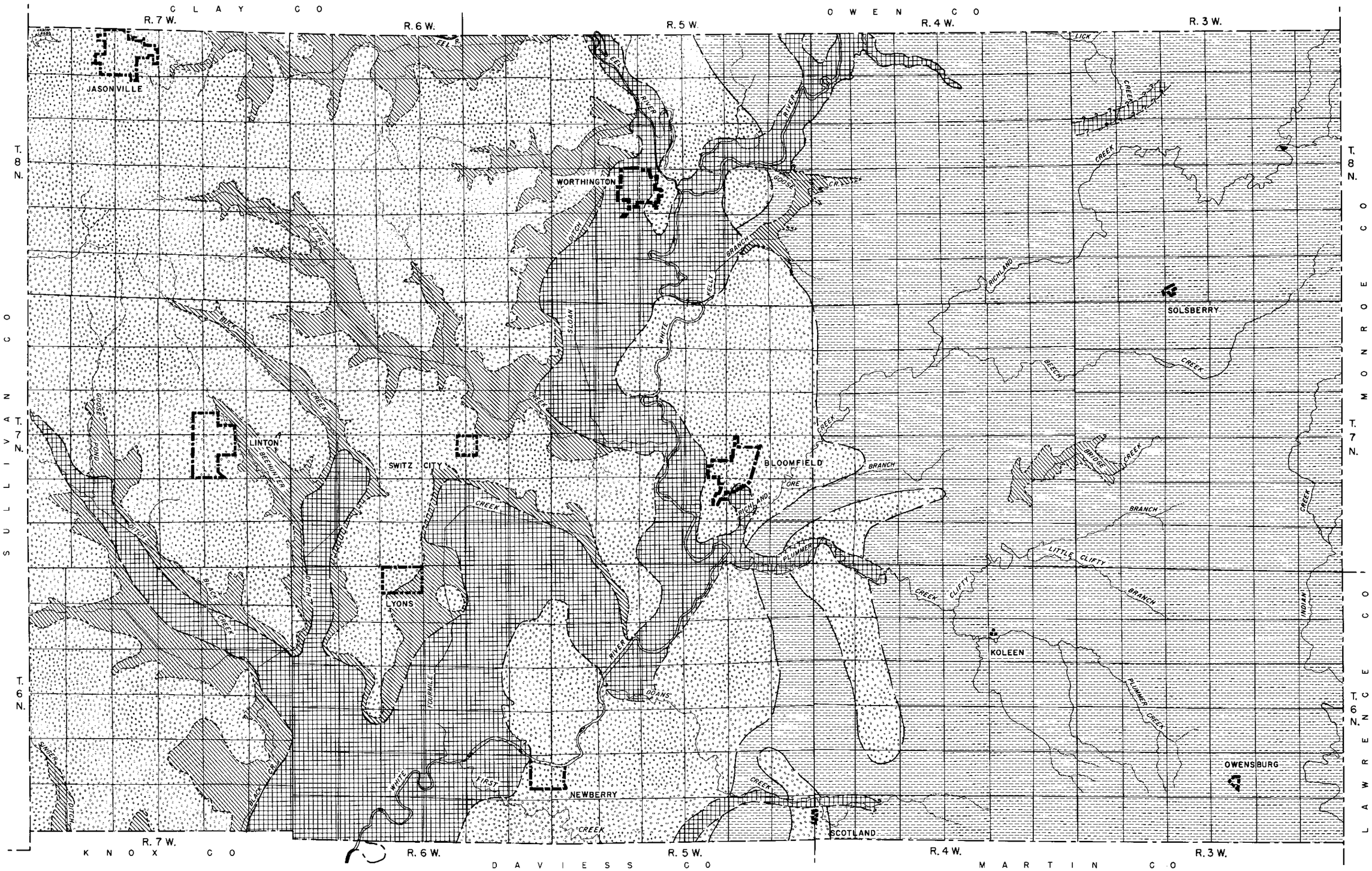

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

DIAGRAM OF TOWNSHIP

Base modified from Indiana Department of Conservation, Geological Survey, Base Map No. 28, Greene County, March 15, 1953

MAP OF GREENE COUNTY, INDIANA, SHOWING AVAILABILITY OF GROUND WATER

0 1 2 3 4 5 6 MILES

0 5000 10000 15000 20000 FEET

BY F.A. WATKINS, JR. AND D.G. JORDAN
1960

EXPLANATION

Production from sand and gravel

Water from sand and gravel lenses in lake sediments consisting of clay and silt of pleistocene age. Well depths range from 20 to 65 feet. Yields from sand and gravel adequate for domestic and stock use.

Water from glaciofluvial sand and gravel generally overlain by lake sediments, all of pleistocene age. Well depths range from 30 to 200 feet. Yields more than adequate for domestic and stock use. Area of municipal and industrial pumpage and

Production from bedrock

Water predominately from sandstone of Pennsylvanian age. Well depths range from 40 to 390 feet. Yields generally adequate for domestic and stock use.

Water predominately from sandstone and limestone of Mississippian age. Well depths range from 45 to 350 feet. Yields generally adequate for domestic and stock use. Larger yields available locally from solution cavities in limestone.

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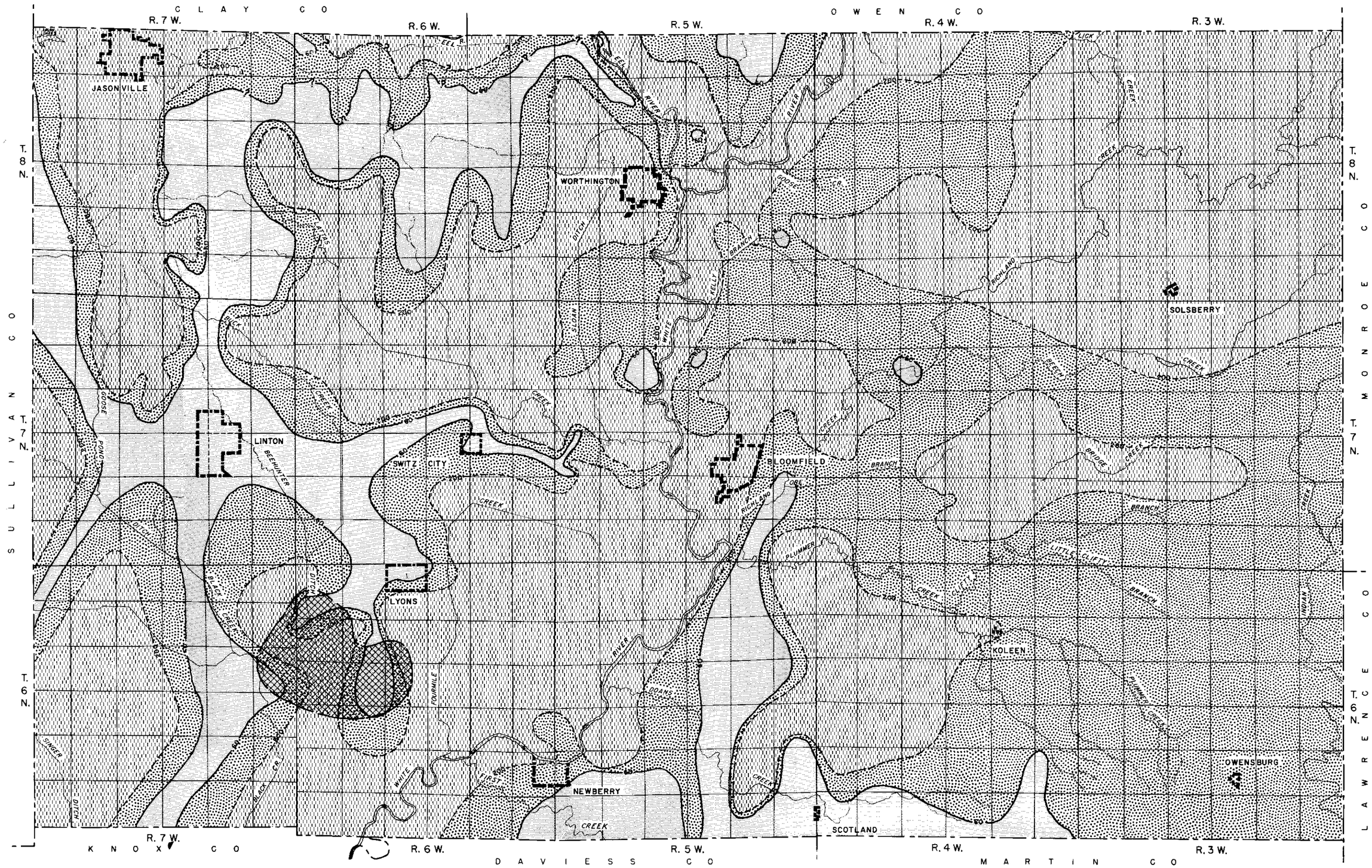

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

DIAGRAM OF TOWNSHIP

Base modified from Indiana Department of Conservation, Geological Survey, Base Map No.28, Greene County, March 15, 1953

MAP OF GREENE COUNTY, INDIANA, SHOWING HARDNESS OF GROUND WATER

0 1 2 3 4 5 6 MILES

0 5000 10000 15000 20000 FEET

BY F.A. WATKINS, JR. AND D.G. JORDAN
1960

EXPLANATION

Hardness 0 to 60 ppm.

Hardness 61 to 200 ppm.

Hardness more than 200 ppm.

Area of chloride content in excess of 600 ppm at depths of 180 feet or less.