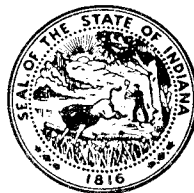


STATE OF INDIANA
INDIANA DEPARTMENT OF CONSERVATION
DIVISION OF WATER RESOURCES

BULLETIN NO. 11

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

1961

INDIANA DEPARTMENT OF CONSERVATION

Donald E. Foltz, Director

BULLETIN NO. 11

OF THE

DIVISION OF WATER RESOURCES

Charles H. Bechert, Director

GROUND-WATER RESOURCES OF WEST-CENTRAL INDIANA

Preliminary Report: Greene County

BY

F. A. WATKINS, JR. AND D. G. JORDAN

ENGINEERS, U. S. GEOLOGICAL SURVEY

Prepared by the

GEOLOGICAL SURVEY

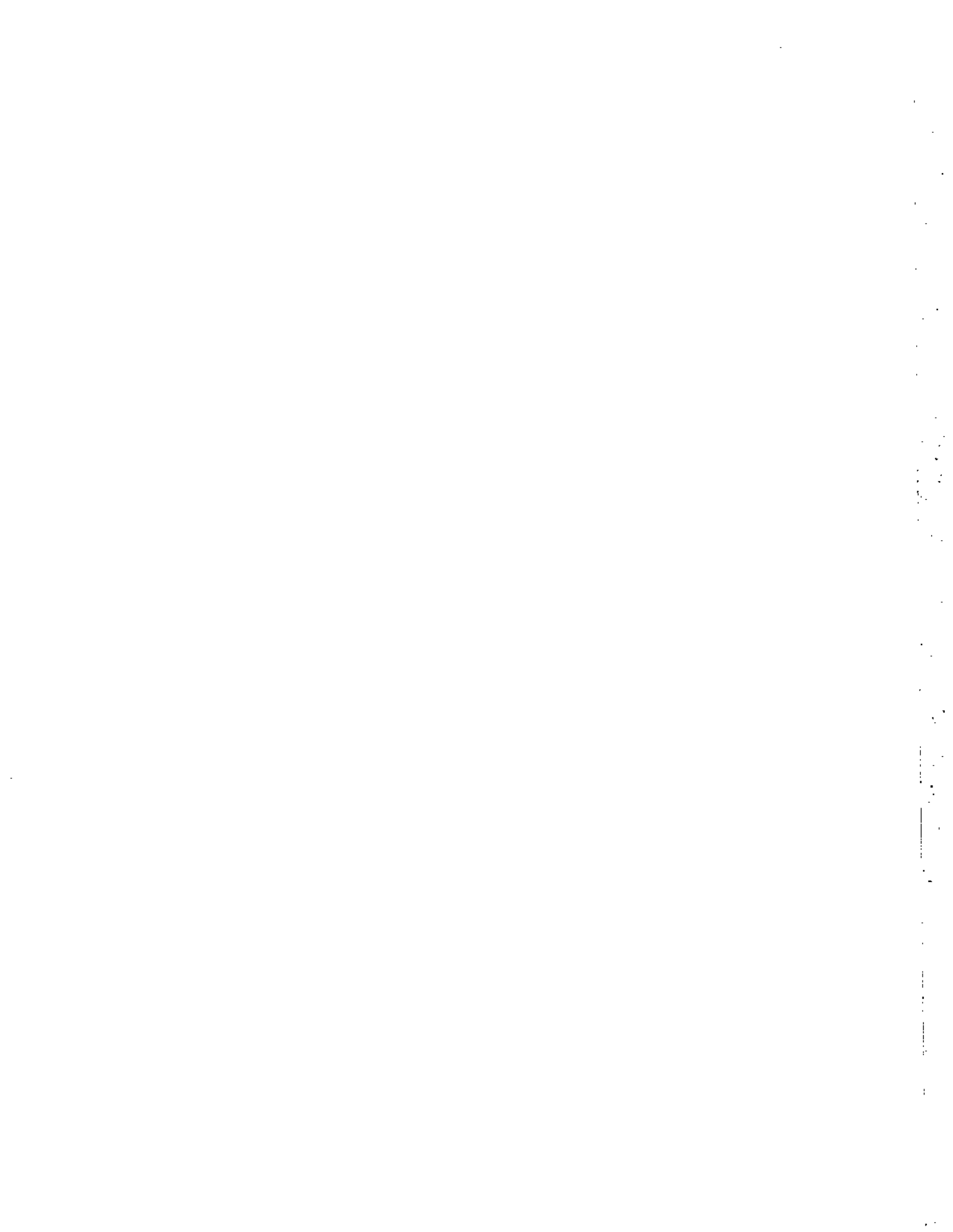
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The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that every entry should be supported by a valid receipt or invoice. This ensures transparency and allows for easy verification of the data.

Additionally, it is noted that regular audits are essential to identify any discrepancies or errors. By conducting these checks frequently, potential issues can be resolved before they become significant problems.

The document also highlights the need for clear communication between all parties involved. Regular meetings and updates help to keep everyone informed and ensure that the project stays on track.

In conclusion, the success of the project depends on the diligence and cooperation of all team members. Adhering to the guidelines outlined in this document will help to ensure a smooth and efficient process.

The following table provides a summary of the key milestones and their expected completion dates. This serves as a reference point for the team to monitor progress and adjust schedules as needed.

Milestone	Expected Completion Date
Project Kick-off	January 15, 2024
Requirement Gathering	February 28, 2024
System Design	April 15, 2024
Development Phase	June 30, 2024
Testing and Deployment	August 15, 2024

It is important to note that these dates are estimates and may be subject to change based on the progress of the project. Any delays should be reported immediately to the project manager.

The document concludes with a statement of commitment to the project's success. All team members are encouraged to take ownership of their tasks and work together to achieve the best possible outcome.

GROUND-WATER RESOURCES OF WEST-CENTRAL INDIANA

Preliminary Report: Greene County

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.

EXPLANATION



AREA COVERED BY THIS REPORT.



AREAS UNDER INVESTIGATION.



AREAS COVERED BY REPORTS PUBLISHED UNDER THE COOPERATIVE PROGRAM.

SEE PAGE 253 FOR LIST OF PUBLISHED REPORTS.

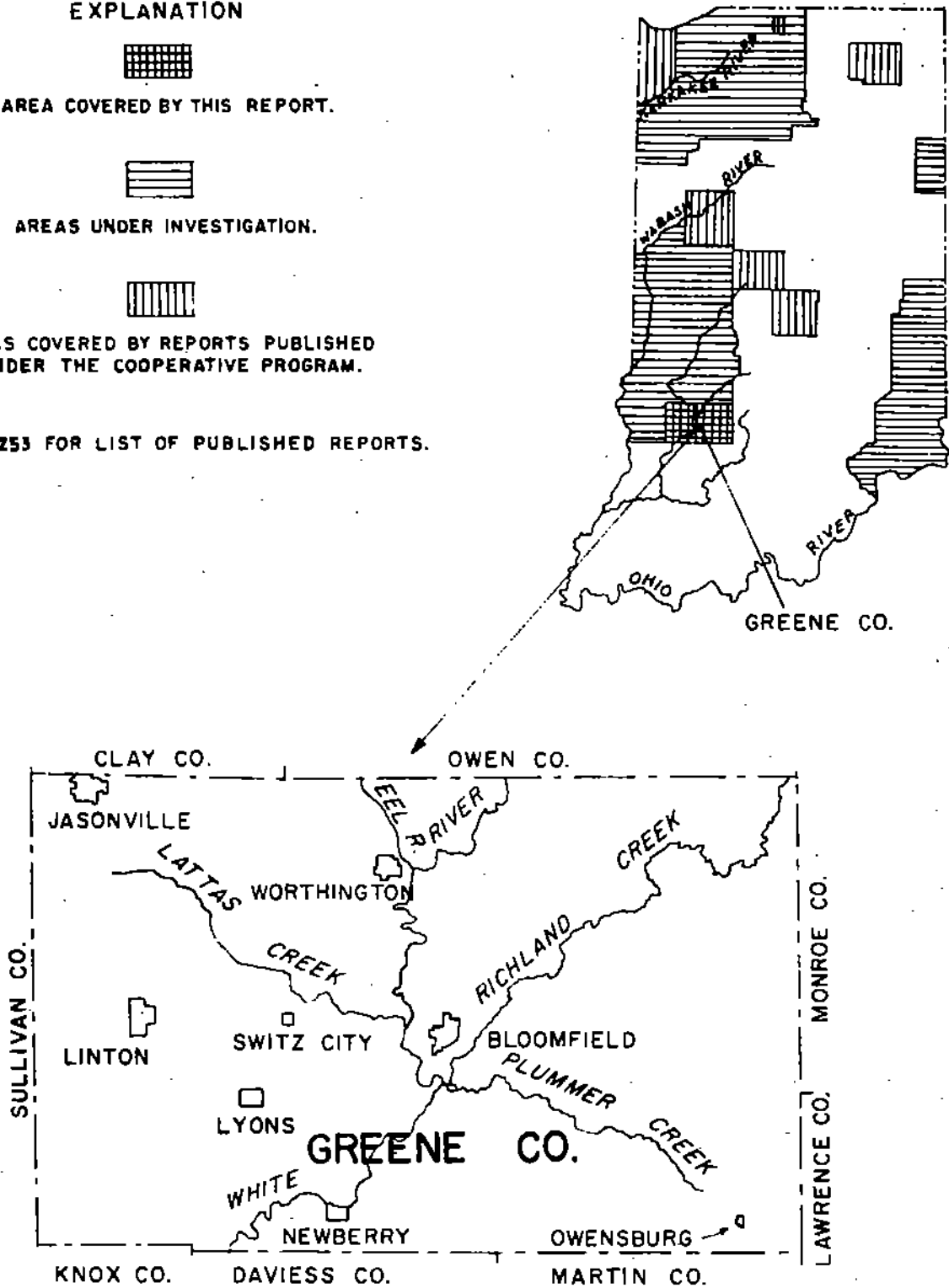


FIGURE 1.— Map of Indiana showing area covered by this report, areas under investigation, and areas covered by reports published under the cooperative program.

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 glacio-fluvial 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 No.	Owner	Driller	Date completed	Altitude (feet)	Type of well	Depth of well below land surface (feet)	Diameter (inches)	Depth of casing (feet)	Plumb	Water-bearing zone					Water level (feet)	Yield (gpm)	Remarks
										Depth to top (feet)	Thickness (feet)	Material	Geologic age	Ground-water occurrence			
6/3W-27L1	J. Carter	A. Martindale	Fall-58	880	Dr	100	6	40	Ch	40	80	Sp	M	C(?)	40	2.5	La, A. Log-Dirt 0-21 feet; hard rock 21-139 feet, A.
	J. Parsley		7-17-59	885	Dr	139	6	21	Ch				M(?)		100	3	Log-Dirt 0-111 feet; rock 111-170 feet.
28H1	D. Spoonamore		8-8-59	810	Dr	170	6	111	Ch	137	5	La	M	C	145	6.5	La, A. Log-Dirt 0-21 feet; hard rock (limestone?) 21-80 feet.
32A1	U. S. Government	H. Alford	10-2	805	Dr	184	8	47	Ch				M	C	21	8.5	La, A. Log-Dirt 0-21 feet; hard rock (limestone?) 21-80 feet.
38B1	J. Coulter	A. Martindale	7-25-59	580	Dr	80	6	21	Ch				M	C			La, A.
6/4W-4C1	Y. Bookor	Wagoner Bros.	5-46	510	Dr	85		14	Ch	80	15	Sp	M	C	52	17	La, A.
5D1	O. Feutz	Spainhower and Sons	7-35	505	Dr	60	6	60	Ch	60	15	S	Pi	C	15	5	La, A.
5E1	R. J. Jeffers	Wagoner Bros.	12-8	580	Dr	70	6	15	Ch	48	22	Sm	P	C	15	1	La, A.
9A1	L. V. Combs		5-15-58	730	Dr	147		32.5	Ch				M	C			La, A.
11E1	A. Padgett		5-8-56	530	Dr	67	6	40.5	Ch	43	24	Sm	M	C			La, A.
17D1	R. Ludgerwood		9-1-58	730	Dr	128	6	32	Ch				P	C	52	4	La, A.
20A1	G. Buckner #1	R. F. McClure	7-26-55	703	Dr	803											La, A.
20F1	F. Ashbury #1		11-22-51	653	Dr	802											La, A.
20M1	E. Johnson #1		8-28-51	618	Dr	600											La, A.
25C1	F. Barnes #1		10-28-56	715	Dr	710	7	20	Ch	115	13	La	M	C	30	3	La, A.
25N1	P. Barris	Musam Bros.	11-30-56	710	Dr	140	7	80	Ch				M	C	30	3	La, A.
28P1	D. Craig		11-2-57	615	Dr	73	7	80	Ch				M	C	6	6	La, A.
28P1	G. A. Inman		8-18-55	615	Dr	781	7	80	Ch				M	C	6	6	La, A.
30R1	L. Hall #1		7-13-59	610	Dr	72	8	70	Ch				Pi		40	40	La, A. Id reported to be 10 feet after pumping 2 hours at 40 gpm.
31A1	G. C. Muma, Jr.	Musam Bros.			Dr												La, A.
31E1	D. Whittaker		8-22-56	600	Dr	217	7	135	Ch	138	16	Sm	M	C	90	5	La, A.
					Dr					172	16	Sm	M	C			La, A.
					Dr					192	22	Sm	M	C			La, A.
31E2	V. Mullis		8-3-59	610	Dr	132	7	103	Ch	115	22	Sm	M	C	60	5	La, A.
31E3	J. Blackmore		8-1-59	610	Dr	222	7	174	Ch	198	22	Sm	M	C	110	3	La, A.
31G1	E. Hostettler #1		5-7-51	630	Dr	1,713											La, A.
31H1	L. Corbin #1		12-27-47	615	Dr	1,642											La, A.
31N1	H. N. Martindale	Wagoner Bros.	4-47	600	Dr	506	6	19	Ch	171	35	Sm	P	C	30	3	La, A.
32D1	J. Farley		1956	789	Dr	501	6	140	Ch	203	11	Sm	M	C	108	5	La, A.
32D2	A. Fuller	Musam Bros.	4-9-58	493	Dr	1,601											La, A.
6/5W-2A1	O. Foster #1	Wagoner Bros.	8-18-44	580	Dr	150	6	40	Ch	135	14	Sm	P	C	63	8	La, A.
4E1	E. Cooper		8-20-54	580	Dr	130	6	80	Ch	102	6	Sm	P	C	58	13	La, A.
4E2	E. Hara		1952	540	Dr	169	6	103.5	Ch	133	14	Sm	P	C	44	1	La, A.
5E1	R. Rangan	S. L. Howell	8-35	545	Dr	159	6	103.5	Ch	133	14	Sm	P	C	29	12	La, A.
5L1	W. Stone	M. Stone			Dr					155	14	Sm	P	C			La, A.
					Dr					155	14	Sm	P	C			La, A.
6C1	D. Shephard #1	Wagoner Bros.	11-16-40	542	Dr	1,780											La, A.
12N1	D. Bachor		3-27-54	600	Dr	103	6	72	Ch	58	12	Sm	P	C	43	8	La, A.
13F1	J. Emery	M. Stone	4-14-50	615	Dr	231	6	87.5	Ch	198	24	La	M	C	120	3	La, A.
			8-25-59	615	Dr	125	6	87.5	Ch	94	10	Sm	P	C	59	3	La, A.
13L1	W. A. Emery		1953	580	Dr	75	6		Ch				M(?)		20	3.5	La, A.
15K1	Mr. Bogard #1	B. and C. Drilling Co.	4-15-55	320	Dr	858			Ch								La, A.

Well number: See text for description of well-numbering system. Altitude: Altitude of land-surface datum from topographic map. Type of well: Dr, drilled; Ch, driven; Du, dug; J, jettied. Material: C, coal; Ch, open hole; Gp, gravel pack; S, screen; P, perforated casing. 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; Ls, log from memory in Table 2; S, sample study in Table 2; Sa, sample study on file; W, water level measurements in Table 8; Dd, drawdown gpm. 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; Em, 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; Ls, log from memory in Table 2; S, sample study in Table 2; Sa, sample study on file; W, water level measurements in Table 8; Dd, drawdown gpm. Gallons per minute.

Well No.	Owner	Company	Depth	Drill Date	Drill	Water	Flow	Pressure	Notes
1801	M. Jackson	G. Glogerich	520	10-34	Dr	149	7	44	Oh
1802	R. Rapar	-----	340	10-28-49	Dr	75	4	81	Oh
2091	J. Baker #1	-----	550	1937	Dr	165	7	37	Oh
2381	F. Inman	B. L. Howell	575	1937	Dr	239	6	90	Oh
2491	J. Sturupild	Wagoner Bros.	640	8-11-55	Dr	253	6	56	Oh
2841	A. Bush	M. Stone	600	5-2-51	Dr	137	6	26	Oh
2851	R. Boyer	-----	650	2-19-49	Dr	85	6	41	Oh
2961	E. Linn	Wagoner Bros.	570	1951	Dr	118	6	80	Oh
3081	L. Haines	M. Stone	510	5-10-51	Dr	76.5	6	44	Oh
3091	W. Kuhlenschmidt	-----	495	8-19-37	Dr	50	6	27	Oh
3091	R. Hayrell	-----	550	3-7-52	Dr	190	6	38	Oh
3091	R. York	-----	550	11-14-56	Dr	417	6	66	Oh
3091	Rowberry School	-----	560	2-21-53	Dr	75	6	43	Oh
3092	M. Bailoy	-----	555	1-6-55	Dr	135	6	89	Oh
3161	Rowberry Tankage Co.	-----	500	2-8-54	Dr	244.5	8	49	Oh
3162	-----	-----	505	9-13-55	Dr	200	6	147	Oh
3481	R. Malone	Wagoner Bros.	820	5-22-47	Dr	248	6	62.5	Oh
3481	O. Barker	-----	580	5-8-47	Dr	150	6	43	Oh
3681	J. Townsend	M. Stone	550	3-28-56	Dr	151	6	101	Oh
3881	O. Richardson	-----	520	7-31-57	Dr	131	6	111	Oh
3881	P. Mullis	-----	610	3-14-56	Dr	121	6	78	Oh
3882	V. Mullis	Wagoner Bros.	600	1-15-48	Dr	140	7	30	Oh
3882	Scottland Church	-----	610	3-56	Dr	72	10	38	Oh
3881	J. Bontly	Wagoner Bros.	635	2-58	Dr	130	10	67.5	S, Gp
4081	Town of Lyons	M. Stone	488	1938	Dr	68	10	58	Oh
4081	G. Bogard	-----	490	5-23-47	Dr	70	8	22	Oh
481	Dr. Powers	Wagoner Bros.	510	2-21-44	Dr	65	8	57	Oh
482	B. Edwards	-----	510	-----	Dr	22	38	-----	Oh
481	F. Fryo	J. Stewart	535	-----	Dr	140	6	61.5	Oh
501	R. P. Olinger	Wagoner Bros.	500	11-9-49	Dr	122	8	52.5	Oh
581	-----	M. Stone	485	12-4-51	Dr	140	8	40.5	Oh
581	-----	Wagoner Bros.	540	11-24-48	Dr	212	8	75.5	Oh
681	R. Woodruff	Human Bros.	480	1-2-56	Dr	175	7	38	Oh
701	C. Anderson	H. Knox	510	12-30-53	Dr	262	7	26	Oh
711	J. T. Jeffers	Wagoner Bros.	480	5-47	Dr	110	6	82	Oh
801	R. P. Olinger	-----	520	11-2-48	Dr	225	8-8	50.5	Oh
881	R. McKee	-----	515	7-13-46	Dr	180	6	43.5	Oh
881	O. Conder	M. Stone	540	8-10-58	Dr	210	7	87	Oh
881	L. Chausnut	Spahnower and Sons	520	12-58	Dr	160	7	-----	Oh
1681	L. Tucker #1	D. Ennis	480	2-5-41	Dr	175	-----	-----	Oh
1681	L. and M. McKee #1	-----	480	5-28-51	Dr	175	-----	-----	Oh
1801	L. McKee #1	D. Miller Drilling Co.	480	7-8-49	Dr	189	-----	-----	Oh
1801	C. E. Sumorvillo	Wagoner Bros.	510	10-14-46	Dr	137	6	89	Oh
1701	C. Johann	-----	480	9-47	Dr	181	6	60.5	Oh
1801	C. Morgan	-----	500	-----	Dr	41	8	41	Oh
1881	City of Linton	Layne-Northern Co., Inc	480	7-5-48	Dr	66	2 1/2	68	Oh
2301	P. J. Jagers	Wagoner Bros.	500	7-20-48	Dr	180	-----	-----	Oh
2301	P. Hueser #1	-----	478	2-8-55	Dr	843	-----	-----	Oh
2401	Keller Bros.	M. Stone	510	8-56	Dr	195	6	55.5	Oh
2581	M. Stone	-----	480	1987	Dr	21	1 1/2	21	S
2582	-----	-----	480	Spring-58	Dr	18	1 1/2	18	S
2501	O. C. Richardson	-----	540	9-0-55	Dr	252	6	83	Oh
2502	D. L. York	-----	520	2-7-57	Dr	78	6	36	Oh
2581	D. Inman	-----	545	10-54	Dr	254	6	43	Oh

6/8/9-1801
 1801 L. Ashley (1899).
 2091 La. E. S.
 2381 L. A.
 2491 L. A. (partial). A.
 2841 L. A.
 2851 L. A.
 2961 L. A.
 3081 L. A.
 3091 L. A.
 3091 Well deepened by M. Stone.
 3091 L.
 3092 La. A. Dd reported to be 170 feet after pumping 1 hour at 17 gpm.
 3161 L. A.
 3162 L. A.
 3481 L. A.
 3681 L. A.
 3881 L. A.
 3882 L. A.
 3881 L. A.
 4081 Well deepened by M. Stone. To be 27 feet after pumping 48 hours at 440 gpm.
 481 L. Ashley (1899).
 482 L. A. Filled with gravel to 58 feet.
 481 Observation well Granda 1. Log-till 0-22 feet; shale at 22 feet, W.
 501 L. Ashley (1899).
 581 L. A.
 581 L. A.
 681 L. A.
 701 L. A.
 711 L. A.
 801 L. A.
 881 L. A.
 881 Well deepened by M. Stone.
 881 L. Ashley (1899).
 1681 S.
 1681 La. E.
 1801 L. A.
 1801 Log-Surface 0 to 10 feet; quicksand and gravel 10 to 41 feet.
 1881 L. A. (partial).
 2301 L. A.
 2401 L. A.
 2581 Log-Silt 0 to 6 feet; Gravel 8 to 23 feet. A.
 2582 Log-Silt 0 to 17.5 feet; Gravel 17.5 to 18 feet; Rock at 18 feet.
 2501 L. A. Dd reported to be 102 feet pumping at 12 gpm.
 2502 L. A. Water level measured 2-7-57. 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)	Fluid	Water-bearing zone				Yield (gpm)	Use	Remarks	
										Depth to top (feet)	Thickness (feet)	Material	Geologic age				Ground-water occurrence
6/8W-2531	W. Brookshire	M. Stone	3-10-55	555	Dr	76	6	47	Oh	70	4	Ss	P	C	3	D	L.
2532	P. Ault	do	12-24-54	550	Dr	66	6	42	Oh	51.5	8.5	Ss	P	C	2	D	L.
2533	A. Jacobshagen	do	12-16-54	580	Dr	73	6	33	Oh	47	4	Ss	P	C	4	D	L.
2534	Mrs. E. Scott	do	2-12-54	560	Dr	38	6	40	Oh	34	4	Ss	P	C	4	D	L.
2535	M. Stone	do	555	555	Dr	38	10	26	Oh	15	4	Ss	P	C	4	O	L.
2881	City of Linton	Layne-Northern Co., Inc.	7-15-48	480	Dr	57	39	57	S,Op	9	55	S,G	P1	C	7	P	L.
2882	do	do	7-14-48	480	Dr	52	4	49	Oh	9	48	S,G	P1	C	8	P	L.
2883	do	do	7-14-48	480	Dr	85	4	49	Oh	11	38	G,S	P1	C	8	P	L.
2884	do	do	6-1-49	480	Dr	55	6	49	Oh	10	37	G,S	P1	C	8	P	L.
2885	do	do	6-1-49	480	Dr	60	6	49	Oh	8	42	G,S	P1	C	8	P	L.
2886	do	do	8-8-49	480	Dr	50	28	31.5	S,Op	9	40	G,S	P1	C	7	P	L.
2887	do	do	7-22-40	480	Dr	50	18	49	Oh	9	40	G,S	P1	C	7	P	L.
30A1	do	do	7-2-48	480	J	68	24	36	Oh	10	52	G	P1	C	4	T	L.
30H1	do	do	7-6-48	480	J	67	24	36	Oh	12	43	G,S	P1	C	4	T	L.
6/7W-1A1	L. Heaton	Wagoner Bros.	7-5-37	495	Dr	70	6	40	Oh	57	13	Ss-Sh	P	C	4	D	L.
1L1	Dr. E. Bailey	M. Stone	1952	535	Dr	185	6	37	Oh	40	5	D,S	P	C	5	D	L.
1R1	D. Layman	do	6-8-53	500	Dr	120	8	38	Oh	8	48	Oh	P	C	19	D	L.
3B1	P. Thompson	Wagoner Bros.	8-46	480	Dr	174	8	49	Oh	1,174	470	Oh	P	C	1	D	L.
3J1	do	do	12-4-49	470	Dr	211	8	25	Oh	8	25	Oh	P	C	30	D,S	L.
6J1	G. Booker	R. C. Page	9-57	510	Dr	185	6	56	Oh	50	5	G,S	P1	C	4	D,S	L.
10D1	P. Thompson	Wagoner Bros.	8-46	470	Dr	61	6	44	Oh	101	19	Ss	P	C	2	D	L.
11B1	W. F. Vaughn	do	515	480	Dr	180	7	100	Oh	170	10	Ss	P	C	2	D	L.
12D1	N. Squires	Muma Bros.	400	400	Dr	180	6	43	Oh	6	43	Oh	P	C	5	D	L.
13J1	A. Rudy	do	10-18	495	Dr	150	6	43	Oh	6	43	Oh	P	C	5	D	L.
15B1	J. Hughes	Wagoner Bros.	9-7-50	536	Dr	1,651	6	43	Oh	6	43	Oh	P	C	5	D	L.
17C1	P. Lacy #1	Circle Drilling Co.	5-16-41	550	Dr	2,321	6	22.5	Oh	6	22.5	Oh	P	C	1	D	L.
21C1	C. Good #1	do	10-19-48	560	Dr	208	6	103	Oh	6	103	Oh	P	C	1	D	L.
22A1	A. Hughes	Wagoner Bros.	9-28-48	510	Dr	136	6	103	Oh	6	103	Oh	P	C	1	D	L.
23A1	H. Sprinkle	do	495	495	Dr	92+	7	31	Oh	72	1	C	P	C	3	D	L.
24B1	H. C. Morgan	do	6-30-56	495	Dr	79	7	14	Oh	6	14	C	P	C	1	D,S	L.
25C1	W. Samsfield	Muma Bros.	1958	490	Dr	101	6	14	Oh	20	16	C	P	C	1	D,S	L.
25D1	C. E. Barris	S. L. Howell	8-31-59	520	Dr	140	8	28	Oh	142	29	Ss	P	C	28	T	L.
31G1	A. Beck	do	510	510	Dr	133	6	86	Oh	142	29	Ss	P	C	28	T	L.
32C1	R. M. EsKlin	Muma Bros.	7-9-46	490	Dr	171	6	86	Oh	142	29	Ss	P	C	28	T	L.
32Q1	do	do	7-17-50	500	Dr	180	6	86	Oh	142	29	Ss	P	C	28	T	L.
34H1	Dr. Powers	Wagoner Bros.	490	490	Dr	180	6	86	Oh	142	29	Ss	P	C	28	T	L.
34J1	J. H. Goodman #1	Hill Bros	7-1-50	485	Dr	2,085	6	86	Oh	142	29	Ss	P	C	28	T	L.
34K1	J. D. Shoke #1	do	8-18-51	475	Dr	1,011	6	86	Oh	142	29	Ss	P	C	28	T	L.
34N1	R. Powers #1	Edison and Gaultney Drilling Co.	8-25-50	472	Dr	917	6	86	Oh	142	29	Ss	P	C	28	T	L.
7/3W-601	D. Seall #1	Circle Drilling Co.	8-46	700	Dr	235	6	86	Oh	142	29	Ss	P	C	28	T	L.
6N1	L. Murphy	Wagoner Bros.	7-31-52	830	Dr	185	7	50	Oh	94	6	Ss	M	C	87	D	L.
8N1	W. Cousins	do	1952	830	Dr	112	7	50	Oh	94	6	Ss	M	C	87	D	L.
14L1	A. E. Langelmo	M. Stone	8-10-41	730	Dr	1,410	6	86	Oh	130	20	Ss	M	C	100	D	L.
22L1	D. Bailey	A. Martindale	8-18-58	644	Dr	643	6	43	Oh	191	7	Ss	M(?)	C	173	D,S	L.
24L1	D. P. Hollis #1	do	8-24-54	680	Dr	201	6	43	Oh	191	7	Ss	M(?)	C	173	D,S	L.
35L1	E. and B. Helms #1	M. Stone	7-7-59	530	Dr	91	6	65	Oh	88	5	Ss	M	C	5	D	L.
36L1	E. Emory	S. L. Howell	8-1-33	540	Dr	156	6	65	Oh	88	5	Ss	M	C	5	D	L.
92L1	R. B. Byard	do	540	540	Dr	156	6	65	Oh	88	5	Ss	M	C	5	D	L.
10H1	R. Dally	do	540	540	Dr	156	6	65	Oh	88	5	Ss	M	C	5	D	L.

7/4/1921	7/5/1921	7/6/1921	7/7/1921	7/8/1921	7/9/1921	7/10/1921	7/11/1921	7/12/1921	7/13/1921	7/14/1921	7/15/1921	7/16/1921	7/17/1921	7/18/1921	7/19/1921	7/20/1921	7/21/1921	7/22/1921	7/23/1921	7/24/1921	7/25/1921	7/26/1921	7/27/1921	7/28/1921	7/29/1921	7/30/1921	7/31/1921
1301	1301	1301	1301	1301	1301	1301	1301	1301	1301	1301	1301	1301	1301	1301	1301	1301	1301	1301	1301	1301	1301	1301	1301	1301	1301	1301	1301
G. Buckner #1	D. Rice	W. Fuller	M. Barton	C. Price	C. Shelton	O. L. Sparks	E. Gentry	F. Chambers	V. Johnson	A. Johnson	T. Kistler	S. Y. Jones #1	2321	2321	2321	2321	2321	2321	2321	2321	2321	2321	2321	2321	2321	2321	2321
V. Hayden	L. Sparks	A. Martindale	M. Stano	A. Martindale	S. L. Howell	Wagoner Bros.	M. Stano	Wagoner Bros.	M. Stano	Wagoner Bros.	S. L. Howell	Wagoner Bros.	Wagoner Bros.	Wagoner Bros.	Wagoner Bros.	Wagoner Bros.	Wagoner Bros.	Wagoner Bros.	Wagoner Bros.	Wagoner Bros.	Wagoner Bros.	Wagoner Bros.	Wagoner Bros.	Wagoner Bros.	Wagoner Bros.	Wagoner Bros.	Wagoner Bros.
540	780	790	690	680	685	530	545	640	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550
6-3-54	1-9-54	5-8-54	5-23-49	10-28-54	9-1-54	1859	4-58	9-30-44	9-30-44	9-30-44	9-30-44	9-30-44	9-30-44	9-30-44	9-30-44	9-30-44	9-30-44	9-30-44	9-30-44	9-30-44	9-30-44	9-30-44	9-30-44	9-30-44	9-30-44	9-30-44	9-30-44
Dr	Dr	Dr	Dr	Dr	Dr	Dr	Dr	Dr	Dr	Dr	Dr	Dr	Dr	Dr	Dr	Dr	Dr	Dr	Dr	Dr	Dr	Dr	Dr	Dr	Dr	Dr	Dr
210	300	110	150	175	80	75	127	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51
Oh	Oh	Oh	Oh	Oh	Oh	Oh	Oh	Oh	Oh	Oh	Oh	Oh	Oh	Oh	Oh	Oh	Oh	Oh	Oh	Oh	Oh	Oh	Oh	Oh	Oh	Oh	Oh
8	6	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
50	16	75	60	80	44	21	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
71	200	75	110	160	73	28	57	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44
29	40	35	40	15	4	32	18	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
Sh	Sh	Sh	Sh	Sh	Sh	Sh	Sh	Sh	Sh	Sh	Sh	Sh	Sh	Sh	Sh	Sh	Sh	Sh	Sh	Sh	Sh	Sh	Sh	Sh	Sh	Sh	Sh
P(?)	M	P(?)	M	M	P(?)	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
45	9	5	40	30	18	20	24	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
1	5	2.5	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
Well deepened by Martindale. Log-clay-soft rock 0 to 75 feet; sandstone 75 to 110 feet. A.	Well deepened by Martindale. Log-clay-soft rock 0 to 75 feet; sandstone 75 to 110 feet. A.	Well deepened by Martindale. Log-clay-soft rock 0 to 75 feet; sandstone 75 to 110 feet. A.	Well deepened by Martindale. Log-clay-soft rock 0 to 75 feet; sandstone 75 to 110 feet. A.	Well deepened by Martindale. Log-clay-soft rock 0 to 75 feet; sandstone 75 to 110 feet. A.	Well deepened by Martindale. Log-clay-soft rock 0 to 75 feet; sandstone 75 to 110 feet. A.	Well deepened by Martindale. Log-clay-soft rock 0 to 75 feet; sandstone 75 to 110 feet. A.	Well deepened by Martindale. Log-clay-soft rock 0 to 75 feet; sandstone 75 to 110 feet. A.	Well deepened by Martindale. Log-clay-soft rock 0 to 75 feet; sandstone 75 to 110 feet. A.	Well deepened by Martindale. Log-clay-soft rock 0 to 75 feet; sandstone 75 to 110 feet. A.	Well deepened by Martindale. Log-clay-soft rock 0 to 75 feet; sandstone 75 to 110 feet. A.	Well deepened by Martindale. Log-clay-soft rock 0 to 75 feet; sandstone 75 to 110 feet. A.	Well deepened by Martindale. Log-clay-soft rock 0 to 75 feet; sandstone 75 to 110 feet. A.	Well deepened by Martindale. Log-clay-soft rock 0 to 75 feet; sandstone 75 to 110 feet. A.	Well deepened by Martindale. Log-clay-soft rock 0 to 75 feet; sandstone 75 to 110 feet. A.	Well deepened by Martindale. Log-clay-soft rock 0 to 75 feet; sandstone 75 to 110 feet. A.	Well deepened by Martindale. Log-clay-soft rock 0 to 75 feet; sandstone 75 to 110 feet. A.	Well deepened by Martindale. Log-clay-soft rock 0 to 75 feet; sandstone 75 to 110 feet. A.	Well deepened by Martindale. Log-clay-soft rock 0 to 75 feet; sandstone 75 to 110 feet. A.	Well deepened by Martindale. Log-clay-soft rock 0 to 75 feet; sandstone 75 to 110 feet. A.	Well deepened by Martindale. Log-clay-soft rock 0 to 75 feet; sandstone 75 to 110 feet. A.	Well deepened by Martindale. Log-clay-soft rock 0 to 75 feet; sandstone 75 to 110 feet. A.	Well deepened by Martindale. Log-clay-soft rock 0 to 75 feet; sandstone 75 to 110 feet. A.	Well deepened by Martindale. Log-clay-soft rock 0 to 75 feet; sandstone 75 to 110 feet. A.	Well deepened by Martindale. Log-clay-soft rock 0 to 75 feet; sandstone 75 to 110 feet. A.	Well deepened by Martindale. Log-clay-soft rock 0 to 75 feet; sandstone 75 to 110 feet. A.	Well deepened by Martindale. Log-clay-soft rock 0 to 75 feet; sandstone 75 to 110 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				Yield (gpm)	Use	Remarks
										Depth to top (feet)	Thickness (feet)	Material	Geologic age			
7/SW-21M1	O. Wright, Sr.	S. L. Howell	1936	530	Dr	42	8	12	Oh							
21M2	R. Watkins	-----do-----	1957	530	Dr	123	6	85	Oh							
21N1	F. Carichael	-----do-----	1957	520	Dr	100	6	36	Oh							
21P1	Carichael Concrete Block Plant	Waggoner Bros.	8-46	520	Dr	100	6	73	Oh							
22N1	Hoobier Water Co.	-----do-----	10-28	500	Dr	93	12	89	S							
22P1	Unionfield Woolen Co.	Forguson	1941	500	Dr	80	8	80	P							
22P2	Hoobier Water Co.	-----do-----	4-26	500	Dr	87	12	87	S							
23F1	M. Miles	S. L. Howell	1956	570	Dr	87	6	32	Oh							
24B1	C. Warren	Waggoner Bros.	9-47	530	Dr	76	6	50	Oh							
25D1	R. Wilson	M. Stone	1952	610	Dr	240	6	41	Oh							
25N1	Furnace School	-----do-----	1953	610	Dr	275	6	37	Oh							
25N1	Mr. Hendrin	Waggoner Bros.	9-19-46	500	Dr	72	6	44	Oh							
26S1	E. Brock	S. L. Howell	1956	540	Dr	108	6	104	Oh							
27G1	L. Reach	Waggoner Bros.	9-24-46	570	Dr	140	6	23.5	Oh							
27G2	S. Routh	M. Stone	1955	565	Dr	104	7	85	Oh							
30B1	G. Roudelush	M. Stone	7-2-55	560	Dr	147	6	85	Oh							
31P1	J. Bonham	M. Stone	7-55	585	Dr	182	6	63.5	Oh							
32G1	R. Byers	M. Stone	1057	540	Dr	171	6	21	Oh							
32P1	L. Spico	S. L. Howell	4-2-56	500	Dr	130	7	44	Oh							
35D1	J. Allen	M. Stone	10-23-52	535	Dr	125	6	67	Oh							
35K1	O. D. Masler	S. L. Howell	1958	570	Dr	144	6	82	Oh							
36N1	C. Sawley	Waggoner Bros.	6-7-44	380	Dr	95	6	76	Oh							
7/6W-1P1	R. Evans	S. L. Howell	1958	530	Dr	24	6	24	Oh							
2B1	C. Winders	M. Stone	1-11-52	540	Dr	80	6	30	Oh							
5N1	Mrs. F. M. Haywood	-----do-----	4-2-54	530	Dr	140	6	37.5	Oh							
6D1	O. Krazer	-----do-----			Dr											
7C1	W. Drick	Waggoner Bros.	9-47	550	Dr	52	6	41	Oh							
12H1	C. White	-----do-----	3-47	525	Dr	136	6	95	Oh							
14A1	H. Scott	M. Stone	12-9-53	530	Dr	120	6	84	Oh							
14N1	S. Torrell	-----do-----	2-17-55	540	Dr	167	6	87.5	Oh							
14Z1	M. Torrell	-----do-----			Dr											
15B1	J. D. Spencer	M. Stone	9-10-44	550	Dr	38			Oh							
15N1	J. S. Skilkatt	M. Stone	12-13-55	572	Dr	1,720			Oh							
15N2	C. E. Davis #1	M. Stone	7-17-52	540	Dr	100	6	49	Oh							
15R1	M. Davis #2	-----do-----			Dr											
16L1	W. H. Robertson	Waggoner Bros.	8-2-48	590	Dr	44			Oh							
16P1	W. Wakefield	S. L. Howell	1956	520	Dr	213	6	20	Oh							
17F1	Mrs. M. E. Webster	-----do-----	1956	520	Dr	48	6	27	Oh							
17L1	J. Howell	-----do-----	7-3-46	580	Dr	155	6	97	Oh							
18N1	F. Roberts	-----do-----	4-1-46	550	Dr	150	7	80	Oh							
19D1	R. Winters	-----do-----	6-50	485	Dr	110	6	76	Oh							
19N1	A. Stevens	Spainhower and Sons	4-21-53	545	Dr	123	6	74	Oh							
20A1	Crum Wholowalo House	M. Stone	8-20-44	550	Dr	123	6	74	Oh							
20A2	E. Crum	Waggoner Bros.			Dr											

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)	Strata	Water-bearing zone					Water level (feet)	Yield (gpm)	Time	Remarks
										Depth to top (feet)	Thickness (feet)	Material	Geologic age	Ground-water occurrence				
7/8W-33J1 33K1	J. L. Fields C. Anderson	Waggoner Bros. -----do-----	5-47 9-18-47	510 515	Df Df	60 215	6 6	47 55.5	Oh Oh	-----	-----	-----	-----	-----	-----	-----	L. A. (partial), A. Well filled 170-215 feet to seal off saline water. L. A. Ashley (1899). L. A. Ashley (1899). L. A. Ashley (1899). L. A. Ashley (1899). L. A. Ashley (1899).	
33K2	H. A. Bodwell	J. Steward	-----	520	Df	35	-----	51	Oh	-----	-----	-----	-----	-----	-----	-----	L. A. Ashley (1899).	
34E1	J. Rose	Waggoner Bros. Edison and Gwaltney Drilling Co.	5-49	510	Df	51	-----	51	Oh	-----	-----	-----	-----	-----	-----	-----	L. A. Ashley (1899).	
34K1	R. Arlio D. Blanton #1	Waggoner Bros. H. A. Knox	9-17-50	483	Df	1,768	-----	-----	Oh	-----	-----	-----	-----	-----	-----	-----	L. A. Ashley (1899).	
7/7W-1C1 2C1	D. Tendick Mauson Collieries Co.	Waggoner Bros. H. A. Knox	8-25-44 8-48	580 580	Df Df	181 120	6 7	94.5 43	Oh Oh	-----	-----	-----	-----	-----	-----	-----	L. A. Ashley (1899).	
2C2	B. Soever, Jr.	R. C. Page	2-58	560	Df	210	4	208	Oh	-----	-----	-----	-----	-----	-----	-----	L. A. Ashley (1899).	
3J1	F. Pupo	Waggoner Bros.	8-58	603	Df	260	7	104.5	Oh	-----	-----	-----	-----	-----	-----	-----	L. A. Ashley (1899).	
3K1	F. Brasling	Waggoner Bros.	12-45	575	Df	118	-----	-----	Oh	-----	-----	-----	-----	-----	-----	-----	L. A. Ashley (1899).	
4R1	D. Frank	H. A. Knox	4-16-53	555	Df	131	6	42	Oh	-----	-----	-----	-----	-----	-----	-----	L. A. Ashley (1899).	
8D1	Shorewood Templeton Coal Co. #1	-----do-----	12-29-49	584	Df	2,313	-----	-----	Oh	-----	-----	-----	-----	-----	-----	-----	L. A. Ashley (1899).	
6J1	H. Duckworth	H. Ellis	-----	570	Df	85	8	58	Oh	-----	-----	-----	-----	-----	-----	-----	L. A. Ashley (1899).	
7N1	Mr. Mober	R. Marshall	-----	570	Df	126	3	-----	Oh	-----	-----	-----	-----	-----	-----	-----	L. A. Ashley (1899).	
7P1	-----do-----	-----do-----	-----	580	Df	50	-----	-----	Oh	-----	-----	-----	-----	-----	-----	-----	L. A. Ashley (1899).	
9A1	E. Thompson	H. R. Knox Waggoner Bros.	1-45 4-15-47	620 600	Df Df	200 31	7 6	49 30	Oh Oh	-----	-----	-----	-----	-----	-----	-----	L. A. Ashley (1899).	
9B1	Mc. Olive Church Parsonage	-----do-----	-----	595	Df	148	4	58	Oh	-----	-----	-----	-----	-----	-----	-----	L. A. Ashley (1899).	
9C1	R. Finos	S. L. Howell	1958	570	Df	66	-----	-----	Oh	-----	-----	-----	-----	-----	-----	-----	L. A. Ashley (1899).	
9E1	R. Phow	-----do-----	8-57	570	Df	138	6	45	Oh	-----	-----	-----	-----	-----	-----	-----	L. A. Ashley (1899).	
8E2	-----do-----	-----do-----	7-57	570	Df	200	6	163	Oh	-----	-----	-----	-----	-----	-----	-----	L. A. Ashley (1899).	
9J1	C. J. Bogard	H. R. Knox	8-10-54	590	Df	239	6	174	Oh	-----	-----	-----	-----	-----	-----	-----	L. A. Ashley (1899).	
9K1	W. Bobbitt	M. Stone	8-19-55	590	Df	257	6	174	Oh	-----	-----	-----	-----	-----	-----	-----	L. A. Ashley (1899).	
9K2	-----do-----	-----do-----	1058	590	Df	130	5	-----	Oh	-----	-----	-----	-----	-----	-----	-----	L. A. Ashley (1899).	
9R1	D. Slay	H. R. Knox	5-8-50	570	Df	113	7	24	Oh	-----	-----	-----	-----	-----	-----	-----	L. A. Ashley (1899).	
10B1	J. Greenwood #1	George and Wrather Drilling Co.	2-8-49	573	Df	1,977	-----	-----	Oh	-----	-----	-----	-----	-----	-----	-----	L. A. Ashley (1899).	
10C1	J. Greenwood	M. Stone	1951	590	Df	73	6	33	Oh	-----	-----	-----	-----	-----	-----	-----	L. A. Ashley (1899).	
10E1	D. Konz	-----do-----	3-53	590	Df	250	6	149	Oh	-----	-----	-----	-----	-----	-----	-----	L. A. Ashley (1899).	
10F1	H. Gillett #1	Waggoner Bros. H. R. Knox	4-13-54 3-20-60 8-14-54	594 590 575	Df Df Df	1,854 210 137	6 7 7	43 40.5	Oh Oh Oh	-----	-----	-----	-----	-----	-----	-----	L. A. Ashley (1899).	
10G1	H. Shonk	-----do-----	-----	594	Df	1,854	-----	-----	Oh	-----	-----	-----	-----	-----	-----	-----	L. A. Ashley (1899).	
10H1	H. Hoadley	-----do-----	-----	590	Df	154	-----	-----	Oh	-----	-----	-----	-----	-----	-----	-----	L. A. Ashley (1899).	
10I1	C. Yoder	M. Stone	8-8-54	580	Df	75	6	-----	Oh	-----	-----	-----	-----	-----	-----	-----	L. A. Ashley (1899).	
11B1	Mr. Hollingsworth	R. C. Page	4-58	580	Df	124	-----	-----	Oh	-----	-----	-----	-----	-----	-----	-----	L. A. Ashley (1899).	
11B2	J. Letorphan	-----do-----	-----	580	Df	154	-----	-----	Oh	-----	-----	-----	-----	-----	-----	-----	L. A. Ashley (1899).	
11E1	C. Greager	H. Ellis	8-52	580	Df	202	6	113.5	Oh	-----	-----	-----	-----	-----	-----	-----	L. A. Ashley (1899).	
11E2	P. Dunno	M. Stone	5-21-52	590	Df	233	7	122	Oh	-----	-----	-----	-----	-----	-----	-----	L. A. Ashley (1899).	
11F1	C. Bicknell	Spahnover and Sons	10-36	600	Df	206	6	147	Oh	-----	-----	-----	-----	-----	-----	-----	L. A. Ashley (1899).	
11L1	Mauson Collieries Co.	M. Bieard	-----	580	Df	338	6	-----	Oh	-----	-----	-----	-----	-----	-----	-----	L. A. Ashley (1899).	
11P1	C. Icongic	A. H. Ellis	-----	545	Df	240	8	77	Oh	-----	-----	-----	-----	-----	-----	-----	L. A. Ashley (1899).	
11P2	C. Taylor	M. Bieard	-----	535	Df	212	6	77	Oh	-----	-----	-----	-----	-----	-----	-----	L. A. Ashley (1899).	
12R1	C. Sherrard, Jr.	S. L. Howell	1955	530	Df	190	6	28	Oh	-----	-----	-----	-----	-----	-----	-----	L. A. Ashley (1899).	
13E1	Conservation Club	Waggoner Bros.	11-47	520	Df	155	6	62	Oh	-----	-----	-----	-----	-----	-----	-----	L. A. Ashley (1899).	
13E2	A. M. Risher	Spahnover and Sons	2-56	525	Df	198	6	78.5	Oh	-----	-----	-----	-----	-----	-----	-----	L. A. Ashley (1899).	
13J1	H. Ellis	Waggoner Bros.	10-29-46	550	Df	147	6	78.5	Oh	-----	-----	-----	-----	-----	-----	-----	L. A. Ashley (1899).	
13P1	H. Wright	-----do-----	-----	510	Df	85	-----	-----	Oh	-----	-----	-----	-----	-----	-----	-----	L. A. Ashley (1899).	
13P2	J. Winters	H. Ellis	-----	520	Df	177	7	88	Oh	-----	-----	-----	-----	-----	-----	-----	L. A. Ashley (1899).	

7/78-1301	E. Hovey	3-48	520	Dr	120	8	89.	Oh	105	15	Sa	P	C	12	D	L, A.
1301	G. Hovey	3-26-48	505	Dr	127	6	85	Oh	80.5	32.5	Sa	P	C	12	D	L, A.
1401	V. O. Syster	7-27-37	530	Dr	65	6	88.5	Oh	48	17	Sa	P	C	45	D	L, A.
1402	Police Lodge	6-58	530	Dr	175	7	88.5	Oh	129	46	Sa	P	C	45	D	L, A.
1603	do	8-58	530	Dr	59	6	43	Oh	44	3	C	P		OG	L, A.	
1401	A. M. Risher	12-24-54	515	Dr	80	5	19	P	44	3	C	P		OG	L, A.	
1401	H. Edwards	8-56	510	Dr	175	8	89	Oh	47	9	54-Sh	P	C	18	D	L, A.
1501	H. Ellis	8-53	565	Dr	190	6	100	Oh	150	25	Sa	P	C	87	D	L, A.
1501	J. Gray	1938	580	Dr	88	6	100	Oh	183	16	Sa	P	C	87	D	L, A.
1502	Miller and Terpin	12-21-55	580	Dr	141	8	41	Oh					C	98	Dh	L, A.
1502	Cesant Plant			Dr												L, A.
1501	Mrs. F. Woodcraft	5-2-52	545	Dr	72	7	20.5	Oh					C	16	Dh	L, A.
1501	H. Cobbeard	4-28-52	580	Dr	110	7	20	Oh					C	16	Dh	L, A.
1502	H. Baitan	11-6-54	585	Dr	115	7	20	Oh					C	16	Dh	L, A.
1501	H. R. Knox	4-30-52	535	Dr	65	7	20	Oh					C	58	Dh	L, A.
1502	R. Bryant	4-19-55	540	Dr	82	6	22	Oh					C	58	Dh	L, A.
1502	C. Goodson	4-19-55	540	Dr	82	6	22	Oh					C	58	Dh	L, A.
1601	R. Henderson	3-31-53	555	Dr	127	7	18.5	Oh							Dh	L, A.
1801	Sherwood Tompion	11-11-39	485	Dr	978	7	18.5	Oh							Dh	L, A.
1801	Town of Dugger	2-41	485	Dr	50	28	50	S, Dp					C	13	P	L, A.
1602	do	10-27-54	490	Dr	58	8			25	23	G, S	P	C	28	T	L, A.
1603	do	10-28-54	490	Dr	58	8			20	34	G, S	P	C	28	T	L, A.
1804	do	11-11-54	490	Dr	51	6			45	5	G, S	P	C	28	T	L, A.
1901	Mr. Swaby		485	Dr	108	6									T	L, A.
2101	Maume Collieries		510	Dr	120	6									T	L, A.
2201	S. Bough	1938	525	Dr	100	6	60	Oh					C	35	D	L, A.
2202	G. Wautlet	4-23-56	530	Dr	62	6	26	Oh					C	45	D	L, A.
2202	P. P. McFaddon	10-45	530	Dr	70	7	21.5	Oh					C	50	D	L, A.
2201	R. Vite	1948	520	Dr	88	6	28	Oh					C	50	D	L, A.
2202	J. Smith	10-1-52	525	Dr	68	6	20	Oh					C	50	D	L, A.
2203	T. Goll	4-24-56	525	Dr	90	7	58	Oh					C	50	D	L, A.
2204	C. Robertson	1948	520	Dr	72	7	58	Oh					C	50	D	L, A.
2205	W. C. Richard	9-14-52	535	Dr	70	6	18	Oh					C	85	Dh	L, A.
2206	H. R. Knox	3-45	500	Dr	147	8	27	Oh					C	85	Dh	L, A.
2201	R. J. Kirby		550	Dr	23	23							C	27	N	L, A.
2601	W. Anderson	4-24-44	520	Dr	91	6	40	Oh					C	42	D	L, A.
2602	A. Hall	7-28-44	520	Dr	129	6	58.5	Oh					C	42	D	L, A.
2603	W. Anrolson	8-9-52	540	Dr	83	6	58.5	Oh					C	42	D	L, A.
2701	E. S. Jackson	9-7-44	530	Dr	200	8	93.5	Oh					C	94	D	L, A.
2701	J. F. Cambarlain	1941	480	Dr	125	8	103	Oh					C	94	D	L, A.
2701	C. Cummings		480	Dr	18	8	103	Oh					C	94	D	L, A.
2901	W. Hamilton		485	Dr	102	7	32	Oh					C	2	D	L, A.
3001	C. Kessler	7-1-43	510	Dr	240	6	115.5	Oh					C	13	D	L, A.
3001	M. Bennett	5-24-52	510	Dr	102	7	32	Oh					C	13	D	L, A.
3201	O. Carrico	7-43	570	Dr	350	10	20	Oh					C	15	Dh	L, A.
3201	R. Thomas	9-57	485	Dr	248	8	102	Oh					C	15	Dh	L, A.
3201	D. Knowels	10-30-54	485	Dr	250	8	128	Oh					C	18	D	L, A.
3401	J. Splice	6-52	480	Dr	101	8	83	Oh					C	4	D	L, A.
3601	Blacksmith Shop		520	Dr	23	23							C	4	D	L, A.
8/3W-801	W. Hasbain	1956	680	Dr	108	4	108	Oh					C	30	D	L, A.
1401	L. Sparks	1949	720	Dr	140	6	35	Oh					C	90	D	L, A.
1401	P. and M. Rowe	10-31	685	Dr	80	6	15	Oh					C	90	D	L, A.
1701	W. Dilley #1	9-18-42	823	Dr	1,270	6	120	Oh					C	4	D	L, A.
1801	R. O. Oley	1953	780	Dr	155	6	120	Oh					C	4	D	L, A.
3301	L. Yoho	1958	820	Dr	200	4	145	Oh					C	5	D	L, A.
8/4W-2001	T. F. Sharp #1	5-25-58	540	Dr	2,392	7	20	Oh					C	20	OG	L, A.
1801	J. T. Stophons #1	7-25-58	630	Dr	2,413	7	20	Oh					C	20	OG	L, A.
1801	M. Faulstich	7-11-59	730	Dr	43	4	20	Oh					C	20	OG	L, A.
1901	R. Martindale	5-8-46	530	Dr	80	6	69	Oh					C	3	D	L, A.

Lost water at 37 feet, picked up water at 89 feet.

10 foot No. 20 slot screen. Reported to be 21.5 feet after pumping 2 hours at 172 gpm.

Ashley (1899).

Ashley (1899).

Water may be from old mine works.

Reported to be 7 feet after pumping 3 hours at 20 gpm.

Saline water.

Reported log-Sand and gravel 0 to 108 feet.

Reported log-Surface 0 to 14 feet; limestone 14 to 80 feet, A.

Reported log-Drift and quick sand 0 to 20 feet; limestone 120 to 155 feet, A.

Water from cave. Reported to be 4 feet after pumping 3 hours at 100 gpm. Log-Sand and clay. Blue, soft 0 to 6 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)	Flash	Water-bearing zone					Yield (gpm)	Dose	Remarks
										Depth to top (feet)	Thickness (feet)	Material	Geologic age	Ground-water occurrence			
8/4W-19L1	D. Griffith	Spainhower and Sons	1887	585	Dr	108	6	58	Oh	65	21	Ls	M	U	80	D	L. A., Dd reported to be 8 feet pumping at 6.5 gpm.
19M1	R. Bingham	do	7-85	580	Dr	88	8	43.5	Oh	48	27	Sh, Ss	M (?)	C	00	D	L. A.
21K1	E. Burch	Musma Bros.	8-31-86	750	Dr	185	6	118	Oh	105	17	Sh	M	C	91	D, S	L. A.
24P1	J. Fuller	Spainhower and Sons	9-50	780	Dr	98	6	50	Oh	105	17	Sh	M	C	20	D	L. A.
28N1	Y. Arthur	do	880	850	Dr	139	6	33	Oh	34.5	4	Sh	M	C	20	D	L. A.
28N2	do	do	1937	610	Dr	68	8	20	Oh	54	11	Sh	M	C	80	Dh	L. A., Dd reported to be 185 feet pumping at 18 gpm.
32C1	R. Graves	S. L. Howell	1937	575	Dr	32	4	20	Oh	54	11	Sh	M	C	38	Dh	L. A., Dd reported to be 8 feet pumping at 5.5 gpm.
32C1	J. A. Hill	do	1937	575	Dr	32	4	20	Oh	54	11	Sh	M	C	38	Dh	L. A., Dd reported to be 8 feet pumping at 5.5 gpm.
8/5W-2C1	W. Vanzbrough	Spainhower and Sons	11-55	650	Dr	75	6	22	Oh	54	11	Sd, Sh	P	C	38	D	L. A., Dd reported to be 8 feet pumping at 5.5 gpm.
2C2	do	do	5-10-59	650	Dr	247	8	203	Oh	232	13	Ss	M	C	140	P	L. A.
2G3	R. Wingo	do	2-58	645	Dr	248	8	161	Oh	231	17	Sh	M	C	80	D	L. A.
3H1	G. Vair	do	1958	705	Dr	100	8	11	Oh	54	11	Sh	M	C	80	D	L. A.
4P1	B. Mabos #1	Mordis	3-19-58	600	Dr	1,540	8	25	Oh	100	62	Ss	M	C	80	D	L. A., Dd reported to be 8 feet pumping at 5.5 gpm.
7Q1	G. McHenry	Spainhower and Sons	12-58	620	Dr	150	7	47	Oh	85	25	Ss	M	C	2.5	D	L. A.
8P1	C. E. Moses	Wagoner Bros.	2-28-48	595	Dr	292	8	29	Oh	245	47	Ss	M	C	70	D, S	L. A.
8P1	do	do	6-10-48	545	Dr	141	8	29	Oh	130	11	Ls	M	C	36	D, S	L. A.
9M1	G. Miller	M. Stone	1-50	530	Dr	175	6	80	Oh	148	10	Ls	M	C	20	D	L. A.
9C1	P. Pickett	Spainhower and Sons	2-49	525	Dr	105	6	70.5	Oh	85	20	Ss	P	C	28	D, S	L. A.
10P1	A. Ring	Wagoner Bros.	7-20-59	585	Dr	58	6	21	Oh	55	3	Ss	P	C	48	D	L. A.
12N1	P. Osburn	Spainhower and Sons	8-1-44	600	Dr	133	8	65	Oh	82	46	Ss	M	C	20	D, S	L. A.
14D1	H. Theaker	Wagoner Bros.	7-4-44	580	Dr	80	6	45.5	Oh	76	4	Ss	P	C	41	D	L. A.
14C1	C. Calvert	do	7-4-44	580	Dr	132	6	39	Oh	56	50	Ss	P	C	70	D	L. A.
15C2	R. Calvert	do	7-14-44	590	Dr	130	6	22	Oh	56	50	Ss	P	C	70	D	L. A.
15C3	T. Calvert	do	7-11-44	605	Dr	74	6	21	Oh	38	22	Sh	P	C	37	D	L. A.
18A1	P. Pickett	Spainhower and Sons	5-85	540	Dr	60	6	40	Oh	38	22	Sh	P	C	16	D	L. A., Dd reported to be 70 feet after pumping 2 hours at 4 gpm.
18Q1	J. Reed	Musma Bros.	9-4-59	540	Dr	105	7	15	Oh	80	15	Ss	P	C	16	D	L. A., Dd reported to be 70 feet after pumping 2 hours at 4 gpm.
18R1	F. Griffin	Wagoner Bros.	1-15-46	590	Dr	120	6	52	Oh	80	12	Ss	P	C	80	D	L. A.
18R2	N. Gillespie	Spainhower and Sons	1958	570	Dr	275	6	40	Oh	142	13	Ss	P	C	110	D, S	L. A.
17H1	R. Miller	Wagoner Bros.	8-25-44	618	Dr	155	6	44	Oh	142	13	Ss	P	C	110	D, S	L. A.
17J1	C. Roudsbush	do	8-10-44	530	Dr	97	8	48	Oh	72	25	Ss	P	C	30	D	L. A.
18C1	V. Burgress	Spainhower and Sons	7-56	580	Dr	240	6	28	Oh	215	25	Ss	P	C	5	D	L. A. (partial).
18P1	D. Rice	M. Stone	8-16-52	585	Dr	120	5	28	Oh	215	25	Ss	P	C	38	D	L. A. (partial).
18Q1	D. Freeman	Spainhower and Sons	8-16-54	630	Dr	48	8	28	Oh	24	24	Ss	P	C	8	D	L. A. (partial).
21A1	F. Griffin	M. Stone	1953	580	Dr	125	6	41	Oh	24	24	Ss	P	C	8	D	L. A. (partial).
21A2	F. Wright	Spainhower and Sons	1-17-55	580	Dr	60	6	43	Oh	40	12	Sd-Sb	P	C	77	D	L. A.
21N1	C. Hoats	M. Stone	5-20-54	535	Dr	148	6	50	Oh	50	6	Ss	M (?)	C	42	D	L. A. (partial).
21E2	G. Scott	do	10-11-55	510	Dr	84	6	50	Oh	270	10	Ss	M (?)	C	23	D	L. A. (partial).
21K1	J. Schost	do	11-22-52	620	Dr	280	6	28	Oh	280	21	Ss	M (?)	C	120	D	L. A. (partial).
21E2	R. Freeman	do	8-16-54	630	Dr	301	6	28	Oh	301	21	Ss	M (?)	C	130	D	L. A., Dd reported to be 185 feet pumping at 18 gpm.
21L1	J. Livingston	Wagoner Bros.	6-19-48	590	Dr	96	6	28	Oh	80.5	2.5	C	P	C	17	D	L. A.
21L2	L. Sparks	Spainhower and Sons	12-8-54	650	Dr	142	6	62	Oh	84.5	11.5	Ss	P	C	48	D	L. A., Dd reported to be 94 feet pumping at 5 gpm.
21N1	Hoosier Water Co.	U. Lamb	10-28-48	525	Dr	52	10	52	S	126	5	Sd	P1	U	100	P	This well and 4 similar wells used for standby service only.
21E2	do	do	525	525	Dr	44	8	44	P	44	44	S, G, S, G	P1	U	100	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	D	L. A., Dd reported to be 25 feet after pumping 3 hours at 20 gpm.
21P2	D. Bucher	Spainhower and Sons	7-13-59	600	Dr	215	6	124	Oh	173	17	Ss	P	C	110	D	L. A., Dd reported to be 25 feet after pumping 3 hours at 20 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)	Pithead	Water-bearing zone				Yield (gpm)	Remarks	
										Depth to top (feet)	Thickness (feet)	Material	Geologic name			Ground-water occurrence
8/7W-291	O. Crawl	H. R. Knox	7-20-54	565	Dr	121	8	38	Oh	92	39	Ss	P		D	L.
292	-----do-----	T. S. Ritchey	565	Dr	653	7	54	54	Oh	14	22	Ss	P		OK	L.
291	H. Stalcup	H. R. Knox	7-13-50	590	Dr	63	7	15.5	Oh	40	8	Ss	P		D, S	L, A.
301	M. Spainhower	Spainhower and Sons	5-57	580	Dr	300	6	0	Oh	18	7	Ss	P		2	L, A. Analysis from upper water bearing zone, Saline water in lower water bearing zone.
391	Mr. Hastings	L. Adkins	6-24-48	565	Dr	125	6	88	Oh	83	42	Ss	P		D	L, A.
411	City of Jasonville	Soldt-Senroo	1941	605	Dr	394	10	257	Oh	48	3	Ss	P		N	L.
491	Chicago, Milwaukee, St. Paul and Pacific R.R.	P. E. Willis and Co.	12-1-25	600	Dr	94	12	94	P	134	7	Ss	P		N	L.
551	W. Harvey	Spainhower and Sons	2-56	595	Dr	160	6	50	Oh	80	8	Oh	P		C(?)	L, A.
591	O. Ax	M. Stone	0-11-51	605	Dr	151	6	83	Oh	112	6	Ss	P		Dh	L, A.
701	F. Grabner	Spainhower and Sons	12-55	585	Dr	151	6	44.5	Oh	123	28	Ss	P		D	L, A.
702	A. Grabner	-----do-----	2-6-55	620	Dr	187	11	114	Oh	169	8	C	P		D	L, A.
1081	-----do-----	M. L. Bickard	620	Dr	178	8	108	Oh	Oh	162	5	C	P		N	L, A.
1083	-----do-----	M. L. Bickard	620	Dr	164	7	144	Oh	Oh	164	7	C	P		5.5	L, A.
1085	Mrs. J. Faugerauser	M. L. Bickard	7-50	615	Dr	173	6	152	Oh	155.5	8.5	C	P		D	L, A.
1091	H. Zador	Spainhower and Sons	5-55	630	Dr	146	8	16	Oh	147	23	Ss	P		D, S	L, A.
1091	R. Poe	M. L. Bickard	680	Dr	185	7	110	Oh	Oh	147	0	Ss	P		N	L, A.
1101	R. J. Rowen	H. R. Knox	7-15	590	Dr	63	7	11	Oh	33	12	Ss	P		D	L, A.
1301	Hercules Powder Co.	M. L. Bickard	545	Dr	109	8	63	Oh	Oh	63	46	Ss	P		N	L.
1321	-----do-----	H. Ellis	545	Dr	116	8	70	Oh	Oh	111	5	Ss	P		5	L, A.
1361	W. Radcliff	Spainhower and Sons	6-56	560	Dr	136	7	87	Oh	87	38	Ss	P		7.5	L, A.
1481	Q. Thomas	M. L. Bickard	590	Dr	130	5	99.5	Oh	Oh	117	5	C	P		D	L, A.
1501	H. Wolfe	-----do-----	650	Dr	159	6	110	Oh	Oh	143	26	Ss	P		N	L.
1521	D. Schloot	H. Ellis	610	Dr	183	7	160	Oh	Oh	168	6.5	C	P		4.5	L, A.
1571	J. Edsonson	H. R. Knox	8-21-50	610	Dr	160	13	108.5	Oh	158	5	C	P		OK	L.
1601	P. Schloot #1	-----do-----	10-24-52	622	Dr	2109	6	108.5	Oh	158	5	C	P		N	L, A.
1611	O. Lotvinger	M. L. Bickard	2-57	620	Dr	170	7	178.5	Oh	184	10	Ss	P		6.5	L, A.
1621	E. Cook	Spainhower and Sons	12-14-53	615	Dr	203	7	178.5	Oh	184	4.5	C	P		2.5	L, A.
1622	M. Jones	H. Ellis	12-14-53	615	Dr	185	6	161	Oh	102	12	Ss	P		4	L, A.
1691	W. Michaely	-----do-----	615	Dr	117	6	81	Oh	Oh	105	12	Ss	P		4	L, A.
1691	Lebanon Church Cemetery	M. L. Bickard	8-29-53	615	Dr	108	8	22	Oh	28	79	Ss	P		1	L, A.
2001	L. Smith	H. R. Knox	8-14-54	645	Dr	170	8	61	Oh	75	65	Ss	P		D	L, A.
2101	Q. Mitchell	Spainhower and Sons	6-53	645	Dr	170	6	70	Oh	158	12	Ss	P		3.5	L, A.
2101	S. Vaughn	H. Ellis	650	Dr	160	6	73	Oh	Oh	164	10	Ss	P		2.5	L, A.
2102	R. Clark	R. C. Page	4-56	650	Dr	125	6	64.5	Oh	116	8	Ss	P		2	L, A.
2101	M. Newton	M. Stone	6-18-53	690	Dr	180	6	31	Oh	150	20	Ss	P		2.5	L, A.
2101	O. Mitchell	Spainhower and Sons	9-18-54	651	Dr	216	6	145	Oh	165	10	Ss	P		P, I	L, A.
2201	Maumee Collieries	M. L. Bickard	560	Dr	216	6	145	Oh	Oh	201	15	Ss	P		P	L, A.
2201	Lebanon Church	-----do-----	610	Dr	145	6	97	Oh	Oh	137	17	Ss	P		5	L, A.
2202	E. O'Bryan	Spainhower and Sons	5-55	610	Dr	223	6	192	Oh	200	37	Ss	P		5	L, A.
2251	Midland School	H. R. Knox	640	Dr	213	6	220	Oh	Oh	255	35	Ss	P		D, S	L, A.
2251	K. Wollam	H. Ellis	390	Dr	203	6	140	Oh	Oh	179	26	Ss	P		5	L, A.
2301	Maumee Collieries	-----do-----	565	Dr	175	8	97	Oh	Oh	137	24	Ss	P		4	L, A.

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	Thick- ness (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	Thick- ness (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	Thick- ness (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/} Unglaciaded 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	Thick- ness (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.

Material	Thick- ness (feet)	Depth (feet)	Remarks
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.

Material	Thick- ness (feet)	Depth (feet)	Remarks
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	Thick- ness (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	Thick- ness (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 carbona- ceous 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, color- less, mottled, with few laminated shale and carbona- ceous 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	Thick- ness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Lower series:			
Shale, smooth, slightly fissile, black-----	27	147	
Underclay, very soft, white to light-gray, 70%; black, slight- ly 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 litho- graphic 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, argil- laceous in part, colorless and gray; gray shale, 20%-----	6	206	
Sandstone, mostly loose, argil- laceous 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, color- less; 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, quartz- itic, hard, colorless; low porosity, argillaceous sandstone, 30%-----	7	276	
Sandstone, fine-grain, quartz- itic, hard, colorless, porous in part-----	8	284	

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

Well 6/4W-20A1--Continued			
Material	Thick- ness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Lower series:			
Sandstone, very fine-grain, quartzitic, slightly argil- laceous, 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, color- less, 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 po- rosity, colorless; milky, coarse, quartz pebbles, 10%; pyrite, 10%-----	7	365	
Sandstone, fine-grain, low po- rosity, 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 sub- lithographic limestone, 30%; sandstone, 10%-----	4	393	

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

Well 6/4W-20A1--Continued

Material	Thick- ness (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-Shale, fissile, soft, light-green; limestone, 20%; trace of sandstone-----	5	423	
Shale, light-green; colorless, hard, calcareous, fine-grain sandstone, 20%-----	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	Thick- ness (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/} Unglaciaded area; geologic age unknown.

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

Well 6/4W-20M1--Continued

Material	Thick- ness (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 sub- angular, 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	Thick- ness (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; sand- stone, 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/} Unglaciaded area; geologic age unknown.

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

Well 6/4W-25C1--Continued

Material	Thick- ness (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/ Unglaciaded area; geologic age unknown.

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

Well 6/4W-30R1--Continued

Material	Thick- ness (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.

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.

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	Thick- ness (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	

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

Well 6/4W-31G1--Continued

Material	Thick- ness (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	Thick-ness (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-6C1--Continued

Material	Thick- ness (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.

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-20P1--Continued			
Material	Thick- ness (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	Thick- ness (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-28H1--Continued

Material	Thick- ness (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	Thick- ness (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	Thick- ness (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-30M2--Continued

Material	Thick- ness (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	Thick- ness (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	Thick- ness (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-36H1--Continued

Material	Thick- ness (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.

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.

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	Thick- ness (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.