

Table 3.--Selected well logs, Vigo County, Indiana--Continued

Well 13/ 9W-27K1--Continued			
Material	Thick- ness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Middle series:			
Coal-----	1	224.2	
Fire clay-----	1	225.2	
Sandstone-----	17	242.2	
Slate, brown-----	6.6	248.8	
Coal-----	2.7	251.5	
Slate, brown-----	10	261.5	
Coal-----	3.1	264.6	
Coal and slate-----	1.6	266.2	
Fire clay-----	5	271.2	
Slate, black-----	.5	271.7	
Coal-----	1.5	273.2	
Fire clay-----	5.5	278.7	
Sandstone-----	12	290.7	
Shale, light-----	3.5	294.2	
Limestone-----	3.5	297.7	
Slate, black-----	1.4	299.1	
Coal-----	2.5	301.6	
Fire clay-----	3.1	304.7	
Slate, brown-----	12.8	317.5	
Coal-----	2.6	320.1	
Slate, light-blue-----	1.6	321.7	
Coal-----	.5	322.2	
Fire clay-----	.5	322.7	
Coal-----	3.8	326.5	
Fire clay-----	2.2	328.7	
Shale, light-----	10	338.7	
Slate, black-----	1	339.7	
Shale, clayey-----	4	343.7	
Sandstone-----	19	362.7	
Shale, gray-----	21	383.7	
Sandstone-----	6	389.7	
Shale, light-----	5	394.7	
Shale, dark-----	12	406.7	
Lower (?) series:			
Coal-----	2.5	409.2	
Fire clay-----	2.5	411.7	
Limestone-----	2	413.7	
Slate, black-----	3	416.7	
Shale, dark-blue-----	53	469.7	

Well 13/ 9W-27L1

Type of record: Driller's log.

Altitude: About 461 feet.

Quaternary system:

Recent and Pleistocene series:

Soil, sandy-----	5	5	
Sand, red-----	80	85	W.B.

Table 3.--Selected well logs, Vigo County, Indiana--Continued

Well 13/ 9W-27L1--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand and gravel-----	19.9	104.9	W.B.
Pennsylvanian system:			
Middle series:			
Sandstone-----	2	106.9	
Shale, sandy-----	2	108.9	
Limestone, blue-----	3.2	112.1	
Sandstone, shaly-----	3	115.1	
Sandstone-----	12.9	128	
Limestone-----	3.8	131.8	
Slate, soft, gray-----	3	134.8	
Slate, hard, gray-----	4	138.8	
Sandstone-----	2	140.8	
Coal-----	5.1	145.9	
Fire clay-----	3.2	149.1	
Sandstone-----	1.1	150.2	

Well 13/ 9W-27Q1

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

Quaternary system:			
Recent and Pleistocene series:			
Top soil-----	1	1	
Sand, red, and gravel-----	18	19	
Sand, brown, and gravel-----	16	35	
Gravel, coarse, sand, and small boulders-----	38	73	W.B. 62 to 163 ft
Sand and gravel, clean-----	27	100	
Sand and coarse gravel-----	18	118	
Sand, fine, and gravel-----	17	135	
Gravel, coarse, clean, some small boulders-----	28	163	
Pennsylvanian system:			
Middle series:			
Shale-----	1	164	

Well 13/ 9W-27R1

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

Quaternary system:			
Recent and Pleistocene series:			
Top soil-----	1	1	
Sand, red-----	17	18	
Sand and gravel-----	18	36	
Gravel, coarse-----	14	50	
Sand, red, and gravel-----	25	75	W.B. 52 to 142 ft

Table 3.--Selected well logs, Vigo County, Indiana--Continued

Well 13/ 9W-29K1--Continued			
Material	Thick- ness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Middle series:			
Siderite-----	.4	159.9	
Slate, gray-----	.3	160.2	
Slate, black-----	6.6	166.8	
Coal-----	2.2	169	
Fire clay-----	2.4	171.4	
Limestone-----	1.3	172.7	
Shale, limy-----	1.6	174.3	
Clay, gray and black, with lime- stone boulders-----	7.5	181.8	Clay with lime- stone nodules (?)
Slate, black-----	1.6	183.4	
Slate, sandy, black-----	.9	184.3	
Slate, gray-----	1.2	185.5	
Slate, black-----	1.2	186.7	
Limestone, black-----	1.1	187.8	
Limestone, gray-----	.8	188.6	
Slate, black-----	.2	188.8	
Coal-----	4.5	193.3	
Fire clay-----	2.6	195.9	
Sandstone-----	2.4	198.3	
Shale, sandy-----	26.9	225.2	
Slate, gray-----	2.1	227.3	
Slate, gray and black-----	1.2	228.5	
Slate, black, with siderite bands-----	1.3	229.8	
Siderite-----	.2	230	
Slate, fossilized, black-----	.6	230.6	
Slate, black and gray, with siderite bands-----	18	248.6	
Limestone, black-----	1.5	250.1	
Slate, black-----	.4	250.5	
Coal-----	1.8	252.3	
Slate, black-----	.2	252.5	
Fire clay-----	2.2	254.7	
Fire clay, limy-----	2.5	257.2	
Limestone-----	4.6	261.8	
Sandstone-----	.9	262.7	
Sandstone with shale streaks-----	2.1	264.8	
Sandstone, limy-----	1.4	266.2	
Slate, sandy-----	30.1	296.3	

Table 3.--Selected well logs, Vigo County, Indiana--Continued

		Well 13/ 9W-30H1	
Type of record: Driller's log.		Altitude: About 605 feet.	
Material	Thickness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Surface; sand, gravel and hard-pan-----	78	78	
Pennsylvanian system:			
Middle series:			
Shale, clayey, brown-----	20.7	98.7	
Shale, gray-----	8.5	107.2	
Coal-----	4.5	111.7	
Fire clay-----	6.6	118.3	
Limestone-----	.9	119.2	
Shale, limy-----	2.8	122	
Shale, sandy-----	13.5	135.5	
Sandstone-----	3.5	139	
Shale, sandy-----	59.8	198.8	
Slate, gray, with siderite bands-----	19.4	218.2	
Slate, black-----	.3	218.5	
Siderite-----	.2	218.7	
Slate, black-----	.3	219	
Slate, gray-----	2.1	221.1	
Slate, black, with siderite parting-----	4.8	225.9	
Slate, black-----	.9	226.8	
Coal-----	2	228.8	
Fire clay-----	2	230.8	
Shale, limy-----	4.2	235	
Shale, clayey, gray and black-----	4.3	239.3	
Slate, gray and black-----	3.3	242.6	
Limestone-----	.3	242.9	
Shale, soft, black-----	.3	243.2	
Slate, black-----	.6	243.8	
Coal-----	.4	244.2	
Sandstone and shale-----	2.5	246.7	
Slate, gray-----	.8	247.5	
Sulfur-----	.1	247.6	
Slate, fossilized, black-----	.2	247.8	
Slate, black-----	2.4	250.2	
Slate, black, with sand streaks-----	.8	251	
Coal, with sulfur streak-----	1.7	252.7	
Sulfur-----	.1	252.8	
Coal-----	.2	253	
Sulfur-----	.1	253.1	
Coal, with sulfur streaks-----	2.4	255.5	
Fire clay-----	1.5	257	
Fire clay, limy-----	1.1	258.1	
Limestone-----	1.7	259.8	
Shale, limy-----	2.8	262.6	
Shale, sandy-----	11.4	274	
Limestone-----	1.6	275.6	

Table 3.--Selected well logs, Vigo County, Indiana--Continued

Well 13/ 9W-30H1--Continued			
Material	Thick- ness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Middle series:			
Shale, sandy-----	10	285.6	
Slate, gray-----	4.7	290.3	
Slate, black, with siderite bands	21.7	312	
Limestone, black-----	1	313	
Slate, black-----	.8	313.8	
Coal-----	1.6	315.4	
Fire clay-----	3.2	318.6	
Shale, sandy, limy-----	1.2	319.8	
Sandstone, limy-----	8.5	328.3	
Shale, sandy, with limestone spots-----	28	356.3	
Coal-----	2	358.3	
Band-----	.1	358.4	
Coal-----	.7	359.1	
Band-----	1.8	360.9	
Coal-----	2.1	363	
Fire clay, hard-----	.3	363.3	
Shale, sandy, hard-----	3.5	366.8	

Well 13/ 9W-31A1			
Type of record: Driller's log.		Altitude: About 597 feet.	
Quaternary system:			
Recent and Pleistocene series:			
Soil, sand and gravel-----	37	37	
Hardpan-----	52	89	
Pennsylvanian system:			
Middle series:			
Shale-----	3.5	92.5	
Coal-----	4.1	96.6	
Fire clay-----	6	102.6	
Limestone-----	2.2	104.8	
Shale, limy-----	1.6	106.4	
Sandstone-----	18.3	124.7	
Shale, sandy-----	50.3	175	
Slate, gray, with siderite bands-	24.1	199.1	
Slate, black-----	.2	199.3	
Siderite-----	.2	199.5	
Slate, gray and black, with siderite bands-----	2.6	202.1	
Slate, black, with siderite parting-----	3.6	205.7	
Slate, black-----	1.9	207.6	
Coal-----	1.9	209.5	
Fire clay-----	2.7	212.2	
Fire clay, limy-----	3.6	215.8	
Shale, black and gray, with lime- stone boulders-----	6.1	221.9	Shale with lime- stone nodules (?)

Table 3.--Selected well logs, Vigo County, Indiana--Continued

Well 13/ 9W-31R1--Continued			
Material	Thick- ness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Middle series:			
Shale, very soft-----	12.9	102.9	
Shale, clayey, red-----	1.8	104.7	
Shale, clayey, green and black---	4	108.7	
Limestone-----	.3	109	
Shale, gray-----	3.3	112.3	
Siderite-----	.1	112.4	
Shale, gray-----	5.8	118.2	
Coal-----	5.6	123.8	
Fire clay-----	8.5	132.3	
Limestone-----	1	133.3	
Shale, limy-----	3.1	136.4	
Sandstone-----	5.5	141.9	
Shale, sandy-----	53.8	195.7	
Slate, gray, with siderite bands-	28.4	224.1	
Slate, black-----	.8	224.9	
Slate, gray-----	2.3	227.2	
Slate, black-----	4.9	232.1	
Coal-----	2.1	234.2	
Fire clay-----	2.6	236.8	
Shale, limy-----	2.1	238.9	
Limestone and black slate-----	4.9	243.8	
Slate, black-----	3.9	247.7	
Coal-----	1.2	248.9	
Sandstone with shale streaks-----	.9	249.8	
Slate, gray-----	1.1	250.9	
Slate, fossilized, black-----	.9	251.8	
Slate, black-----	2.1	253.9	
Slate, sandy, hard, black-----	1	254.9	
Coal-----	4.6	259.5	
Fire clay-----	2.7	262.2	
Fire clay, sandy-----	.4	262.6	
Sandstone with shale streaks-----	1.2	263.8	
Shale with sandstone streaks-----	1.6	265.4	
Sandstone with shale streaks-----	18.4	283.8	
Sandstone, dark, with shale streak-----	1.5	285.3	
Shale with sandstone streaks-----	4.8	290.1	
Shale, slightly sandy-----	5	295.1	
Slate, gray-----	1.3	296.4	
Slate, black-----	1.5	297.9	
Siderite-----	.2	298.1	
Slate, fossilized, black-----	.2	298.3	
Slate, gray, with siderite bands-	13	311.3	
Slate, gray and black, with siderite-----	6.5	317.8	
Slate, black-----	1.8	319.6	
Sulfur-----	.1	319.7	

Table 3.--Selected well logs, Vigo County, Indiana--Continued

Well 13/ 9W-31R1--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Middle series:			
Coal-----	1.6	321.3	
Fire clay-----	6.2	327.5	
Limestone, sandy-----	4.3	331.8	
Shale, limy-----	2	333.8	
Shale, sandy-----	.8	334.6	
Slate, gray-----	4.3	338.9	
Slate, gray and black-----	3.9	342.8	
Shale, sandy-----	7.3	350.1	
Sandstone-----	3.4	353.5	
Shale, sandy-----	6	359.5	
Coal-----	3.3	362.8	
Shale-----	.3	363.1	
Sandstone-----	.6	363.7	
Shale-----	.7	364.4	
Coal-----	1.7	366.1	
Shale with sandstone streaks-----	4.1	370.2	

Well 13/ 9W-32H1

Type of record: Driller's log.

Altitude: About 586 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface; sand, clay, and hardpan-----	82	82	
Pennsylvanian system:			
Middle series:			
Shale, sandy-----	63	145	
Shale, gray-----	26	171	
Slate, black-----	5.1	176.1	
Siderite-----	.2	176.3	
Coal-----	6.2	182.5	
Fire clay-----	3.3	185.8	
Shale, clayey-----	.7	186.5	
Limestone-----	.8	187.3	
Shale, clayey, and limestone-----	.8	188.1	
Shale, clayey, black-----	.9	189	
Limestone-----	.2	189.2	
Shale, clayey, black-----	.9	190.1	
Limestone-----	.7	190.8	
Shale, clayey, black-----	1.9	192.7	
Slate, black, and limestone-----	3.7	196.4	
Coal-----	.7	197.1	
Slate, black-----	.1	197.2	
Sandstone-----	.8	198	
Shale, sandy, gray-----	.6	198.6	
Slate, gray-----	.6	199.2	
Slate, black-----	3.4	202.6	
Sulfur-----	.2	202.8	

Table 3.--Selected well logs, Vigo County, Indiana--Continued

Well 13/ 9W-32H1--Continued			
Material	Thick- ness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Middle series:			
Coal-----	4.4	207.2	
Fire clay-----	.9	208.1	
Shale, sandy-----	1	209.1	

Well 13/ 9W-32K1

Type of record: Driller's log.

Altitude: About 585 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface; clay, and sand-----	37	37	
Hardpan-----	48.2	85.2	
Pennsylvanian system:			
Middle series:			
Shale, sandy-----	44.1	129.3	
Limestone-----	.9	130.2	
Shale, sandy-----	13.3	143.5	
Slate, gray-----	28.8	172.3	
Slate, black-----	.3	172.6	
Siderite-----	.2	172.8	
Slate, black and gray-----	1.6	174.4	
Siderite-----	.4	174.8	
Slate, black-----	5.6	180.4	
Coal-----	1.5	181.9	
Fire clay-----	4.4	186.3	
Shale, limy-----	3	189.3	
Limestone and black slate-----	.8	190.1	
Slate, black-----	6	196.1	
Bone coal-----	.4	196.5	
Sandstone-----	3.3	199.8	
Slate, sandy, gray-----	.9	200.7	
Slate, black-----	1.9	202.6	
Limestone, black-----	.5	203.1	
Limestone, gray-----	.6	203.7	
Limestone, black-----	.4	204.1	
Coal-----	4.5	208.6	
Fire clay, green-----	1.1	209.7	
Sandstone and shale streaks-----	1.4	211.1	
Sandstone-----	1.9	213	
Shale, sandy-----	3.8	216.8	
Sandstone-----	.9	217.7	
Shale, sandy-----	21.8	239.5	
Slate, gray-----	3.8	243.3	
Slate, black and gray, with siderite bands-----	19.7	263	
Limestone, black-----	1.3	264.3	
Coal-----	1.6	265.9	
Fire clay, gray-----	2.5	268.4	

Table 3.--Selected well logs, Vigo County, Indiana--Continued

Well 13/ 9W-32K1--Continued			
Material	Thick- ness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Middle series:			
Shale, limy, green-----	2	270.4	
Limestone, sandy-----	8.3	278.7	
Shale, limy, sandy, black-----	2.6	281.3	
Shale, limy-----	4.5	285.8	
Sandstone with shale streaks-----	11.2	297	
Shale, sandy-----	4.8	301.8	
Slate, sandy-----	5.2	307	
Slate, gray-----	.5	307.5	
Coal-----	4.7	312.2	
Bone coal-----	.1	312.3	
Fire clay, sandy-----	1.7	314	
Shale, sandy-----	4.2	318.2	

Well 13/ 9W-32M1			
Type of record: Driller's log.		Altitude: About 600 feet.	
Quaternary system:			
Recent and Pleistocene series:			
Surface-----	18	18	
Drift-----	96	114	
Pennsylvanian system:			
Middle series:			
Limestone-----	2	116	
Shale, light-----	3	119	
Sandstone-----	11	130	
Shale, light-----	15	145	
Shale, blue-----	28	173	

Well 13/ 9W-32R1			
Type of record: Driller's log.		Altitude: About 560 feet.	
Quaternary system:			
Recent and Pleistocene series:			
Clay-----	3	3	
Softpan-----	32	35	
Softpan, gravelly-----	3	38	
Softpan-----	18	56	
Hardpan-----	15	71	
Softpan-----	6	77	
Pennsylvanian system:			
Middle series:			
Shale, soft, gray-----	13	90	
Limestone-----	1.1	91.1	
Shale, gray-----	1.5	92.6	
Limestone-----	.5	93.1	
Shale, sandy, gray-----	47	140.1	
Shale, gray-----	38.5	178.6	

Table 3.--Selected well logs, Vigo County, Indiana--Continued

Well 13/ 9W-32R1--Continued			
Material	Thick- ness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Middle series:			
Shale, dark-----	1	179.6	
Shale, gray-----	2	181.6	
Shale, dark-----	1	182.6	
Shale, brown-----	6.5	189.1	
Coal-----	1	190.1	
Shale, gray-----	1.5	191.6	
Limestone-----	.8	192.4	
Shale, gray, with limestone band-	5.3	197.7	
Shale, gray, with hard bands----	2	199.7	
Shale, dark-----	4	203.7	
Slate, black-----	1.1	204.8	
Limestone-----	.5	205.3	
Shale, limy-----	2	207.3	
Slate, black-----	1.2	208.5	
Limestone-----	.7	209.2	
Shale, limy-----	.5	209.7	
Limestone-----	.9	210.6	
Coal, bony, hard-----	.3	210.9	
Coal-----	1.5	212.4	
Fire clay-----	1.5	213.9	
Limestone-----	.5	214.4	
Shale, limy-----	12	226.4	
Limestone-----	3	229.4	
Shale, limy, sandy-----	10	239.4	
Shale, sandy-----	8	247.4	
Shale, gray-----	4	251.4	
Shale, dark-----	2	253.4	
Shale, brown-----	12	265.4	
Shale, black-----	2	267.4	
Coal-----	2	269.4	
Shale, gray-----	4	273.4	
Limestone, soft partings-----	1	274.4	
Shale, sandy, gray-----	12	286.4	
Shale, limy-----	4	290.4	
Shale, sandy, gray-----	36	326.4	
Shale, sandy, brown-----	3	329.4	
Coal-----	5	334.4	
Sandstone-----	1	335.4	

Well 13/ 9W-33A1

Type of record: Driller's log.

Altitude: About 459 feet.

Quaternary system:			
Recent and Pleistocene series:			
Soil and drift-----	18	18	
Sand and gravel, brown-----	53	71	
Sand and gravel, gray-----	25	96	

Table 3.--Selected well logs, Vigo County, Indiana--Continued

Well 13/ 9W-33D1--Continued			
Material	Thick- ness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Middle series:			
Siderite and shale bands-----	.9	72	
Shale, gray-----	9.8	81.8	
Shale, gray and black, with siderite bands-----	2.4	84.2	
Shale, black-----	6.7	90.9	
Coal-----	2.1	93	
Fire clay-----	1.8	94.8	
Shale, limy-----	3.3	98.1	
Shale, gray and black, with limestone boulders-----	8.7	106.8	Shale with lime- stone nodules (?)
Coal-----	.2	107	
Sandstone with shale streaks-----	2	109	
Slate, gray-----	.7	109.7	
Slate, black-----	3.3	113	
Slate, black, with sandstone streaks-----	.5	113.5	
Coal-----	2.5	116	
Sulfur-----	.3	116.3	
Coal-----	1.4	117.7	
Fire clay-----	.7	118.4	
Shale, sandy-----	.6	119	
Sandstone-----	3	122	

Well 13/ 9W-33E1

Type of record: Driller's log.

Altitude: About 545 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface-----	6	6	
Pennsylvanian system:			
Middle series:			
Shale, weathered-----	4	10	
Shale, sandy-----	55	65	
Slate, black and gray-----	31	96	
Shale, gray-----	.5	96.5	
Slate, black-----	6.6	103.1	
Coal-----	2.2	105.3	
Fire clay-----	2	107.3	
Limestone-----	.4	107.7	
Shale, clayey, gray, with lime- stone boulders-----	4.1	111.8	Shale with lime- stone nodules (?)
Shale, clayey, gray and black, with limestone boulders-----	2.2	114	Do
Shale, clayey, limy, black-----	2.8	116.8	
Slate, black-----	3.2	120	

Table 3.--Selected well logs, Vigo County, Indiana--Continued

Well 13/ 9W-33E1--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Middle series:			
Sandstone with coal streaks-----	.2	120.2	
Sandstone with shale streaks-----	1.8	122	
Slate, black-----	1.9	123.9	
Slate, black, with some sand- stone streaks-----	.9	124.8	
Coal and sulfur-----	4.5	129.3	
Fire clay-----	.7	130	
Sandstone-----	4	134	

Well 13/ 9W-33L1

Type of record: Driller's log. Altitude: About 463 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface-----	20	20	
Sand and gravel-----	70.5	90.5	
Pennsylvanian system:			
Middle series:			
Sandstone-----	7.5	98	
Shale, sandy-----	20	118	
Shale, blue-----	23	141	
Slate, black-----	2	143	
Coal-----	1.5	144.5	
Fire clay-----	2.5	147	
Shale, sandy, light-----	4	151	
Sandstone-----	14	165	
Slate, sandy-----	21.3	186.3	
Coal-----	5.2	191.5	
Shale and fire clay-----	.5	192	

Well 13/ 9W-33N1

Type of record: Driller's log. Altitude: About 459 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface-----	20	20	
Sand-----	4	24	
Mud-----	6.5	30.5	
Pennsylvanian system:			
Middle series:			
Shale, soft, gray-----	22	52.5	
Hard band-----	.3	52.8	Limestone (?)
Shale, gray-----	6	56.8	
Shale, gray, with hard bands-----	9.6	66.4	
Shale, dark-----	2	68.4	
Hard band-----	.5	68.9	Limestone (?)
Shale, dark-----	2.5	71.4	

Table 3.--Selected well logs, Vigo County, Indiana--Continued

Well 13/ 9W-33N1--Continued			
Material	Thick- ness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Middle series:			
Slate, black-----	2	73.4	
Limestone-----	.9	74.3	
Coal-----	4.3	78.6	
Shale, gray-----	2	80.6	
Shale, sandy, gray-----	21	101.6	
Shale, brown-----	4	105.6	
Shale, brown, with hard bands----	26	131.6	
Slate, black-----	2	133.6	
Coal-----	1.3	134.9	
Fire clay-----	2	136.9	
Shale, sandy, gray-----	19	155.9	
Slate, gray-----	5	160.9	
Shale, sandy, brown-----	15.1	176	

Well 13/ 9W-33R1			
Type of record: Driller's log.	Altitude: About 461 feet.		
Quaternary system:			
Recent and Pleistocene series:			
Top soil-----	10	10	
Sand and gravel-----	70	80	W.B.
Drift, blue-----	6	86	
Gravel-----	8.4	94.4	
Sandstone-----	3.4	97.8	
Slate, blue-----	23.8	121.6	
Coal and slate-----	4	125.6	
Slate, gray-----	.5	126.1	
Coal-----	2	128.1	
Slate, black-----	1.5	129.6	
Fire clay-----	1.3	130.9	
Limestone-----	.3	131.2	
Slate, black-----	2	133.2	
Slate, gray-----	9.1	142.3	
Slate, black-----	1.4	143.7	
Slate, gray-----	16.2	159.9	
Coal-----	5.8	165.7	
Fire clay-----	1.2	166.9	
Shale, sandy-----	3.4	170.3	

Well 13/ 9W-34A7			
Type of record: Driller's log.	Altitude: About 507 feet.		
Quaternary system:			
Recent and Pleistocene series:			
Top soil-----	4	4	
Soil and sand-----	11	15	
Sand, brown-----	20	35	

Table 3.--Selected well logs, Vigo County, Indiana--Continued

Well 13/ 9W-34A7--Continued

Material	Thick-ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand and gravel, brown-----	5	40	
Sand and gravel, brown, with cobbles-----	30	70	W.B. 60 to 139 ft
Boulder-----	5	75	
Sand and gravel, brown-----	3	78	
Sand and gravel, gray-----	8	86	
Sand, medium, gray-----	9	95	
Sand and gravel, gray-----	13	108	
Sand and little gravel, gray-----	9	117	
Sand and small gravel, gray-----	10	127	
Sand and very good gravel, gray--	6	133	
Sand and large cobbles-----	3	136	
Sand and good gravel-----	3	139	
Pennsylvanian system:			
Middle series:			
Shale-----	1	140	

Well 13/ 9W-34A10

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

Quaternary system:			
Recent and Pleistocene series:			
Soil-----	4	4	
Soil and sand-----	12	16	
Sand-----	16	32	
Sand and gravel-----	19	51	
Sand, small amount of gravel-----	9	60	
Gravel, coarse, and sand-----	8	68	W.B. 60 to 138 ft
Gravel, very coarse, and sand----	16	84	
Sand and gravel-----	11	95	
Sand-----	8	103	
Gravel and sand-----	17	120	
Sand-----	5	125	
Sand and medium gravel-----	14	139	

Well 13/ 9W-34C1

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

Quaternary system:			
Recent and Pleistocene series:			
Sand-----	25	25	
Gravel-----	55	80	W.B. 62 to 174 ft
Sand-----	6	86	
Gravel-----	18	104	

Table 3.--Selected well logs, Vigo County, Indiana--Continued

Well 13/ 9W-34C1--Continued			
Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand and gravel-----	20	124	
Sand, coarse-----	26	150	
Sand and gravel-----	12	162	
Gravel-----	12	174	
Pennsylvanian system:			
Middle series:			
Limestone-----	16	190	
Limestone, soft, white-----	15	205	
Shale, light-----	16	221	
Shale, black-----	11	232	

Well 13/ 9W-34M1

Type of record: Driller's log.

Altitude: About 493 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand-----	11	11	
Clay, red-----	1	12	
Gravel-----	6	18	
Sand-----	5	23	
Sand and gravel-----	12	35	
Gravel, fine-----	12	47	
Sand and gravel-----	8	55	
Gravel, coarse-----	3	58	
Gravel-----	12	70	
Sand-----	16	86	
Gravel-----	2	88	
Sand-----	7	95	
Gravel and sand, fine-----	5.4	100.4	
Sand and gravel-----	37.6	138	
Gravel, coarse-----	1.3	139.3	
Pennsylvanian system:			
Middle series:			
Shale, black-----	2.7	142	
Shale, gray-----	.2	142.2	
Coal-----	1.1	143.3	
Fire clay-----	4.1	147.4	
Shale, sandy-----	17.1	164.5	
Shale, blue-----	10.5	175	
Shale, black-----	.5	175.5	
Coal-----	.3	175.8	
Shale, black-----	3	178.8	
Shale, gray-----	3.7	182.5	
Coal-----	5.2	187.7	
Shale, sandy-----	11	198.7	
Shale, sticky, gray-----	4.8	203.5	
Shale, dark-----	9.7	213.2	

Table 3.--Selected well logs, Vigo County, Indiana--Continued

Well 13/ 9W-35J1

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

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand and large gravel-----	5	5	
Sand and gravel-----	16	21	W.B. 18 to 75 ft
Gravel-----	4	25	
Sand, fine-----	28	53	
Sand, fine to coarse-----	10	63	
Sand, fine-----	3	66	
Gravel and sand, fine-----	7	73	
Sand, fine-----	2	75	

Well 13/ 9W-35J2

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

Quaternary system:			
Recent and Pleistocene series:			
Sand and gravel-----	17	17	
Sand and thin layer of gravel----	29	46	W.B.
Sand and little gravel-----	4	50	W.B.
Gravel, some over-size, and little sand-----	9	59	W.B.
Gravel and more sand-----	1	60	W.B.

Well 13/ 9W-35R1

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

Quaternary system:			
Recent and Pleistocene series:			
Top soil-----	2	2	
Sand-----	19	21	
Sand and gravel-----	19	40	W.B.

Well 13/ 9W-36J1

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

Quaternary system:			
Recent and Pleistocene series:			
Sand and gravel-----	37	37	
Pennsylvanian system:			
Middle series:			
Sandstone-----	8	45	
Shale-----	40	85	
Slate, hard-----	2	87	
Coal-----	--	87	W.B.

Table 3.--Selected well logs, Vigo County, Indiana--Continued

Well 13/ 9W-36J5

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

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand and gravel-----	31	31	
Pennsylvanian system:			
Middle series:			
Limestone-----	4	35	
Shale, light-----	15	50	
Sandstone-----	10	60	W.B.
Shale, gray-----	15	75	
Shale, dark-----	--	75	

Well 13/ 9W-36K2

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

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Top soil-----	1	1	
Hardpan, sandy-----	4	5	
Sand and gravel-----	44	49	W.B.

Well 13/ 9W-36M2

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

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand-----	105	105	
Pennsylvanian system:			
Middle series:			
Coal, trace, and limestone-----	--	105	

Well 13/ 9W-36Q3

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

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Surface-----	18	18	
Hardpan-----	22	40	
Pennsylvanian system:			
Middle series:			
Limestone-----	8	48	
Shale-----	33	81	
Slate-----	3	84	
Coal-----	7	91	
Shale-----	44	135	
Coal-----	3	138	
Fire clay-----	2	140	
Sandstone-----	8	148	
Shale-----	11	159	
Coal-----	5	164	

Table 3.--Selected well logs, Vigo County, Indiana--Continued

Well 13/ 9W-36Q3--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Pennsylvanian system:			
Middle series:			
Shale-----	3	167	
Fire clay-----	7	174	
Limestone-----	1	175	
Shale-----	1	176	
Coal-----	2	178	

Well 13/10W-1D1

Type of record: Driller's log.

Altitude: About 648 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay and sand-----	17	17	
Mud and gray sand-----	18	35	
Sand and mud-----	8	43	
Sand and gray mud-----	10	53	
Sand and green mud-----	7	60	
Sand and mud-----	3	63	
Pennsylvanian system:			
Middle series:			
Shale, gray-----	9	72	
Shale, red-----	5	77	
Shale-----	3	80	
Shale, gray and red-----	7	87	
Limestone, sandy, gray-----	10	97	
Shale, dark-gray-----	16	113	
Shale, muddy-----	7	120	
Shale, dark-----	12	132	
Shale, light-----	8	140	
Coal and shale-----	7	147	
Shale, muddy-----	7	154	
Limestone, hard, brown-----	2	156	
Limestone-----	9	165	
Sandstone-----	12	177	
Shale, sandy-----	21	198	
Shale, gray-----	18	216	
Shale, dark-----	45	261	
Coal and shale-----	5	266	
Shale-----	3	269	
Limestone-----	1	270	
Shale, dark-----	13	283	
Coal and shale-----	4	287	
Shale, black-----	3	290	
Shale, sandy-----	7	297	
Shale, dark-----	16	313	
Shale, muddy-----	14	327	
Shale, dark-----	8	335	
Shale, light-gray-----	5	340	

Table 3.--Selected well logs, Vigo County, Indiana--Continued

Well 13/10W-12R2--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, gray-----	4	6	
Clay, yellow-----	12	18	
Clay, sandy, soupy, gray-----	28	46	
Till, clayey, hard, gray-----	8	54	

Well 13/10W-24N1

Type of record: Driller's log.

Altitude: About 620 feet.

Quaternary system:			
Recent and Pleistocene series:			
Surface-----	15	15	
Sand and mud, yellow-----	3	18	W.B.
Unknown-----	2	20	
Sand, mud, and little gravel, gray-----	5	25	W.B.
Unknown-----	34	59	
Sand, mud, and some pebbles-----	2	61	W.B.
Pennsylvanian system:			
Middle series:			
Shale-----	25	86	

Table 4.--Field chemical analyses of water from wells, Vigo County, Indiana
(Results in parts per million)

Well Number	Material	Geologic Age	Date of Collection	Temperature (°F)	Iron (Fe)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Hardness as CaCO ₃ (calcium, magnesium)	Remarks
10/ 8W- 1C1	Ss	P	5- 7-59	--	0.1	464	10	8	160	
4F1	Ss	P	5-11-59	--	.1	1,280	15	48	12	
4J1	Ss	P	5-11-59	--	.1	844	10	26	5	
4M2	Ss	P	5- 7-59	--	.1	1,440	20	148	7	
4N1	Ss	P	5-11-59	--	.1	952	12	42	6	
5B1	Ss	P	8-17-59	68	.1	1,500	12	148	8	
5M2	Sh	P	6-29-60	--	.3	2,220	8	1,120	18	
5P1	Ss	P	-----	--	.1	1,670	-----	334	12	
7G1	Ss	P	5-10-59	--	.5	1,530	20	452	42	
8Q1	Sh, Ss	P	6-29-60	--	.3	1,400	9	156	8	
9B1	Ss	P	5- 7-59	--	.1	878	25	24	4	
10B1	Ss	P	5- 7-59	--	.1	795	10	24	4	
10C1	Ss	P	5- 7-59	--	.1	747	10	24	5	
10C2	Ss	P	5- 7-59	--	.1	815	10	24	4	
12N1	-----	P	5-10-59	--	1.0	464	25	72	252	
18N1	Ss	P	-----	52	.1	466	-----	16	88	
19J1	Sh	P	5-11-59	--	5.0	576	25	52	100	Water has yellow color.
20N1	Sd-sh	P	5-11-59	--	.1	220	190	102	412	
21J1	-----	P	-----	--	.1	839	-----	42	16	
23R1	Ss	P	6-30-60	--	.1	717	8	12	8	
25N1	Ss	P	8-25-59	--	.5	444	15	6	168	

Well number: See text for description of well-numbering system.

Material: C, coal; G, gravel; Ls, limestone; S, sand; Sd-sh, sandy shale; Sh, shale; Ss, sandstone.

Geologic age: P1, Pleistocene; P, Pennsylvanian; D, Devonian.

10/ 8W-27R1	P	5-11-59	--	0.1	517	10	6	26
28C1	P	8-25-59	56	.1	1,160	11	48	6
35N1	P	---	56	.1	481	---	10	52
36F1	P	5-11-59	---	.1	903	25	6	262
36J1	P	5-11-59	---	.1	234	280	158	528
36N1	P	4-16-58	54	.3	473	---	20	238
	P	7-29-57	54	.1	405	---	18	218
36R1	P	8-17-59	---	3.0	444	72	20	364
10/ 9W-1M1	P	8-25-59	---	.1	366	13	8	234
2A1	P	8-25-59	---	.1	1,410	16	38	5
2B2	P	8-11-59	---	.1	356	40	22	272
2B3	P	8-25-59	---	.1	927	13	38	10
2E2	P	8-11-59	---	1.0	1,370	12	162	68
3R1	P	4-21-60	---	.4	610	8	8	76
8M1	P	8-11-59	---	.1	390	52	8	360
9Q1	P	8-11-59	---	.1	956	9	40	2
11C1	P	8-27-59	---	3.0	429	12	9	254
11E2	P	11- 4-59	---	.5	444	10	10	192
11K1	P	8-11-59	---	.1	327	415	104	672
14A1	P	8-12-59	---	.1	249	185	54	376
14B1	P	8-10-59	---	.1	264	21	19	196
14E2	P	8-12-59	---	.1	332	165	30	380
14E3	P	8-12-59	---	2.5	337	14	4	240
14G1	P	8-12-59	---	.1	395	15	2	248
14J2	P	8-12-59	57	.1	381	15	4	224
14L5	P	8-12-59	---	.1	503	12	17	144
14M1	P	8-12-59	---	.1	586	12	8	42
14M2,5	P	8-12-59	---	3.0	449	75	18	336
14M5	P	6- 2-60	58	.8	278	30	12	160
15J1	P	8-12-59	---	.1	371	39	10	276
15J2	P	8-12-59	---	2.5	566	74	13	356
15J4	P	9-15-59	---	3.0	561	225	24	500
16C1	P	8-11-59	57	.1	293	105	24	296
18P1	P1	4-21-60	---	.1	361	31	14	312
20D1	P	8-11-59	---	.1	1,160	16	90	62
22E2	P	8-11-59	---	1.0	434	160	28	466
26B1	P	8-11-59	---	.1	327	185	36	424

Composite sample.

Table 4.--Field chemical analyses of water from wells, Vigo County, Indiana--Continued

Well Number	Material	Geologic Age	Date of Collection	Temperature (°F)	Iron (Fe)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Hardness as CaCO ₃ (calcium, magnesium)	Remarks
10/ 9W-26D1	Ss	P	7-29-57	--	0.8	176	-----	16	208	
26J1	C, Ls	P	2-18-58	--	.5	517	-----	12	248	
26N1	Ss	P	10-21-59	56	.3	586	12	24	4	
28E1	Ss, C	P	8-11-59	--	.1	332	110	58	480	
28H1	Sd-sh	P	8-11-59	54	.1	595	15	12	70	
29J1	-----	P	8-11-59	57	.1	542	22	3	154	
32N1	Ss	P	-----	56	.1	1,160	-----	612	28	
33A1	Ss	P	4-21-60	52	.1	190	255	140	452	
33H1	S	P1	8-11-59	--	5.0	395	17	4	280	
33L1	Ss	P	7-29-57	--	.1	683	-----	122	7	
34N1	Ss	P	8-11-59	--	.1	468	38	42	252	
34N2	S, G	P1	8-11-59	--	.1	317	87	10	296	
10/10W- 2E1	Ss	P	4-21-60	53	.3	678	48	224	100	
3N1	S, G	P1	8-13-59	--	.1	268	31	5	248	
12A1	S, G	P1	8-12-59	--	2.5	415	13	4	296	
21R1	S, G	P1	8-13-59	--	7.5	381	24	2	236	
24H1	-----	P	8-13-59	--	.3	1,080	23	29	82	
32D1	-----	D	8-13-59	64	1.0	1,310	18	9,950	300	
11/ 8W- 1B1	G	P1	7-30-57	--	2.5	368	-----	2	262	
1J1	-----	P	6-12-58	63	.1	893	-----	24	8	
2D1	-----	P(?)	5- 5-59	59	> 7.5	425	2,360	18	1,790	Mine Water (?)
3Q1	Ss	P	5- 5-59	--	.3	464	25	8	300	
5C1	S, G	P1	5- 5-59	--	1.5	498	10	4	340	
5R1	G	P1	7-30-57	--	.2	376	-----	8	464	
6A1	S, G	P1	5- 5-59	--	.1	322	25	8	252	
6R2	S, G	P1	8-14-59	--	.1	288	19	3	216	
7H1	S, G	P1	8-14-59	--	1.0	464	20	3	316	
8P1	-----	P	5- 6-59	--	.3	610	10	4	38	

11/ 8W- 8P3	Sh,C	P	8-23-60	--	0.3	268	65	12	232
9D1	Ss	P	5- 6-59	--	.1	1,220	45	116	88
10E1	G	Pl	5- 6-59	--	7.5	532	10	3	284
10M1	S,G	Pl	5- 6-59	--	5.0	576	10	7	266
11D1	-----	P	7-30-57	--	.1	383	-----	82	62
11P1	Ss	P	5- 8-59	--	2.0	566	35	36	444
12L1	Ss	P	8-24-59	--	.1	595	14	8	6
12R1	Ss	P	5- 6-59	--	.1	605	10	8	5
14N1	Sd-	P	7-30-57	--	.1	569	-----	8	20
	sh,C								
15E2	Ss	P	5- 6-59	64	.1	844	10	34	6
16G1	Ss	P	5- 6-59	--	.1	859	50	26	5
16P3	Ss	P	7-29-57	--	.2	200	-----	28	246
16P4	-----	P	7-29-57	--	.1	771	-----	34	5
16Q1	-----	P	7-30-57	--	.1	380	-----	2	276
17J1	-----	P	5- 6-59	--	.1	854	10	10	4
20Q1	Ss	P	6-30-60	--	.2	805	9	6	20
20R1	Ss	P	6-30-60	--	.3	737	8	8	18
21A8	Ss	P	12-19-57	56	.3	683	-----	24	16
21A10	Ss	P	5-11-59	--	.3	605	15	84	8
22A1	Ss	P	5- 6-59	--	.1	752	15	18	6
22D2	Ss	P	7-29-57	--	.5	268	-----	2	180
24C1	Ss	P	5- 6-59	--	.1	303	65	74	496
25H1	Ss	P	5- 6-59	--	.5	444	15	5	284
28K1	Ss	P	5- 6-59	--	.1	996	10	16	4
28L1	Ss	P	5- 6-59	--	.1	888	10	22	5
28P1	Ss	P	5- 6-59	--	.1	1,460	10	20	1
30F1	Sd-sh	P	6-30-60	--	2.5	488	53	22	380
31R1	Ss	P	5- 6-59	--	.1	1,140	10	16	1
32N1	Ss	P	5- 6-59	65	.1	1,110	10	15	6
34C1	Ss	P	5- 6-59	--	.1	1,040	10	36	4
34M1	Ss	P	5- 6-59	--	.1	1,100	10	56	7
11/ 9W- 1C1	G	Pl	9-30-57	--	4.0	464	-----	4	346
1L1	Ss	P	5- 6-59	--	.1	459	25	10	164
2J1	S	Pl	7-27-60	--	.5	249	57	8	232
2J2	S,G	Pl	7-26-60	--	1.0	205	57	8	184

Table 4.--Field chemical analyses of water from wells, Vigo County, Indiana--Continued

Well Number	Material	Geologic Age	Date of Collection	Temperature (°F)	Iron (Fe)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Hardness as CaCO ₃ (calcium, magnesium)	Remarks
11/ 9W- 3E2	S, G	P1	12-19-57	59	0.1	264	-----	2	352	
4H1	S, G	P1	7-26-60	--	.3	278	130	18	292	
4L1	S, G	P1	7-26-60	--	.2	254	125	10	280	
7J2	S, G	P1	7-26-60	--	.1	303	260	32	428	
7R1	S, G	P1	7-26-60	54	.1	264	185	22	356	
9C1	S, G	P1	8- 7-58	60	.1	303	-----	38	328	
9C2	S, G	P1	8- 7-58	61	.2	303	-----	38	328	
9D1	S, G	P1	8- 7-58	61	1.0	317	-----	8	244	
9E1	S, G	P1	7-26-60	--	.2	249	99	16	292	
10C1	S, G	P1	7-26-60	--	.2	249	410	76	596	Contaminated (?)
10E1	S, G	P1	7-26-60	--	.3	229	165	36	352	
10F1	G	P1	8-18-59	--	.1	264	106	326	584	Contaminated (?)
10F2	G	P1	8-25-59	--	.1	259	150	72	376	Do
10G1	S, G	P1	8-18-59	--	.1	337	785	62	888	Do
10G2	S, G	P1	7-27-60	--	.1	244	525	32	656	Do
10N1	S, G	P1	9-12-57	60	.3	222	-----	170	428	Do
11K3	Ss	P	8-25-59	--	.1	1,330	12	236	6	
13B2	S, G	P1	8-18-59	55	.1	307	23	7	256	
13D1	S	P1	7-30-57	--	.1	113	-----	8	216	
15D1	S, G	P1	8-15-57	60	.1	293	-----	666	608	Contaminated (?)
15D2	S, G	P1	8-15-57	56	.1	264	-----	366	556	Do
17A3	S, G	P1	7-26-60	--	.1	264	57	60	324	Do
24L1	Ss	P	5- 6-59	58	.1	1,040	10	56	4	
25M1	Ss	P	5- 7-59	--	.3	986	15	46	56	
26N3	S, G	P1	2-28-58	--	3.0	590	-----	2	332	Water turbid
30D1	G	P1	4-21-60	--	.1	332	60	18	264	
32M1	S, G	P1	8-12-59	56	5.0	351	17	4	384	
34C1	S, G	P1	8-11-59	--	1.5	542	22	2	238	
35C1	Ls	P	8-12-59	--	.1	1,180	21	268	12	

11/ 9W-35K1	Ls	P	8-11-59	--	0.1	376	150	15	400
36R2	-----	P	5-7-59	--	.1	415	245	374	920
11/10W-2H1	Sh	P	8-18-59	--	.1	678	17	144	50
4H1	S	P1	7-26-60	--	1.0	429	20	18	268
4R1	S,G	P1	8-26-59	--	1.0	517	12	11	296
23N1	G	P1	4-21-60	--	.2	298	79	16	284
25E5	Ss,C	P	8-13-59	--	.1	512	129	12	496
25F5	-----	P	8-13-59	--	.1	464	20	86	208
25F6	-----	P	8-25-59	--	.1	478	12	15	304
25F7	C	P	8-18-59	--	.1	415	20	19	272
25J2	-----	P	8-13-59	--	.1	273	71	10	268
25N2	-----	P	8-18-59	--	.1	356	11	7	192
12/ 8W-2A1	G	P1	8-26-59	--	.1	220	18	2	156
2R2	-----	P	4-9-59	--	.3	390	15	2	162
6M1	S	P1	4-9-59	--	.1	508	55	6	448
6M2	S	P1	4-9-59	--	.5	561	110	30	530
8A1	S,G	P1	7-31-57	--	4.0	307	-----	1	252
9N1	S,G	P1	4-16-59	--	1.5	254	38	4	188
11D1	C	P	7-26-60	--	.3	351	13	8	4
11K1	Ss	P	4-16-59	56	.1	566	30	144	12
11R1	Ss	P	4-16-59	54	.1	561	20	110	18
13P1	Ss	P	7-27-60	--	1.5	386	25	8	272
15A1	Ss	P	4-16-59	--	2.5	566	270	8	420
18R1	S	P1	9-15-59	--	.5	254	120	22	268
21R1	Ss	P	4-16-59	--	2.0	429	10	6	280
22N1	-----	P	7-31-57	--	1.0	315	-----	14	314
24A1	-----	P	4-16-59	--	.1	512	10	4	8
24B2	Ss	P	4-16-59	--	.8	459	10	4	288
24M1	S,G	P1	7-31-57	--	.1	434	-----	50	534
26Q1	Sd-sh	P	8-17-59	--	.3	415	22	4	252
26R2	-----	P	6-28-60	--	.1	1,190	9	84	10
27Q1	Ss	P	4-15-59	--	.5	483	10	4	306
28Q1	S	P1	4-16-59	61	1.0	561	8	8	82
29D1	S,G	P1	4-16-59	54	1.5	468	45	14	374
30B2	S,G	P1	4-16-58	637	1.0	244	-----	0	220

Corrodes pipes

Softened ?

Table 4.--Field chemical analyses of water from wells, Vigo County, Indiana--Continued

Well Number	Material	Geologic Age	Date of Collection	Temperature (°F)	Iron (Fe)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Hardness as CaCO ₃ (calcium, magnesium)	Remarks
12/ 8W-31B1	S,G	P1	-----	--	3.0	415	10	6	290	
31R1	S,G	P1	8-17-59	--	.1	171	23	12	160	
32B1	Sh,C	P	4-15-59	61	5.0	444	10	4	214	
32D1	S,G	P1	4-15-59	56	.1	376	20	6	220	Iron filter ?
32E1	S,G	P1	4-16-59	61	.1	332	35	6	258	
32N1	S,G	P1	4-16-59	--	7.5	400	10	0	264	
34B1	Ss	P	4-15-59	--	.3	444	10	4	258	
34H1	-----	-----	4-15-59	--	.1	303	75	82	324	Mine water
12/ 9W- 2F1	S,G	P1	4-17-59	--	.1	293	95	14	306	
2G1	S,G	P1	3-20-58	56	-----	237	-----	0	225	
3A2	S,G	P1	7-28-60	--	.1	249	120	18	300	
4Q1	S,G	P1	4-17-59	--	.1	264	150	12	312	
4R1	S,G	P1	4-15-59	--	.3	249	140	20	292	
5E1	S	P1	4- 9-59	--	5.0	493	90	28	404	
8N1	Ss	P	8-26-59	--	.1	498	135	120	72	
9H1	S,G	P1	4-14-59	--	.1	298	155	14	364	
10D1	S,G	P1	4-14-59	--	.1	283	130	14	316	
11A1	S,G	P1	7-28-60	52	.1	381	90	26	376	
21M1	S,G	P1	4-13-59	60	.1	346	90	10	352	
25B1	S,G	P1	4-17-59	--	.3	483	75	12	412	
25B2	Ss	P	4-14-59	--	.1	400	45	10	96	
25B3	Ls	P	4-17-59	--	.1	517	12	16	36	
25B5	Ss	P	4-14-59	--	.1	503	55	8	200	
28C3	Ls	D	9-15-60	--	.3	590	90	5,400	1,240	
34P1	S,G	P1	7-27-60	--	.1	298	92	14	284	
35K1	S,G	P1	4-14-59	--	.1	351	60	20	308	
35Q1	G	P1	4-17-59	--	2.5	390	15	24	192	
36N2	Ss	P	4-14-59	60	2.0	454	10	18	236	

12/ 9W-36N3	S,G, Ss	P1	4-14-59	--	0.5	429	42	8	332
36Q1	G	P1	4-14-59	--	3.0	439	10	6	306
12/10W- 1H1	S	P1	6- 2-60	56	3.0	439	40	8	360
33P1	S,G	P1	8- 1-57	--	.5	264	---	28	460
34K1	C	P	4-13-59	57	.1	669	25	136	30
13/ 7W- 6E1	Sd-sh	P	9-14-59	--	.1	717	13	29	24
7J1	Sd-sh, Ss	P	4- 8-59	--	2.0	581	855	26	872
7K1	-----	P	4- 8-57	--	.1	586	5	6	22
17H1	Ss	P	4-30-58	57	.2	478	---	15	88
18P1	S,G	P1	4- 8-59	--	.1	468	195	34	558
19J1	S	P1	4- 8-59	--	.1	278	55	8	212
20N1	Sh	P	4- 8-59	--	.1	410	10	4	26
29R1	S,G	P1	4- 8-59	--	3.0	337	10	4	228
31A1	-----	P	4- 8-59	--	.1	459	10	6	196
31B1	S,G	P1	4- 8-59	--	.1	425	10	4	238
31H1	S,G	P1	4- 8-59	--	1.0	449	10	4	280
31R1	S,G	P1	9-24-58	--	2.0	366	---	4	256
32B1	Ss	P	6-26-60	--	.1	468	8	6	28
13/ 8W- 1Q1	S	P1	4- 9-59	--	.3	254	55	60	274
13A1	S,G	P1	4- 9-59	--	.1	146	95	12	184
13G2	Sh	P	4- 9-59	--	.1	683	10	3	14
13G3	-----	P	4- 9-59	--	.1	625	10	16	12
13G6	C	P	7-20-60	56	1.5	434	400	16	690
13H1	-----	P	4- 9-59	--	.3	752	25	22	14
13H2	S	P1	4- 8-58	--	.1	166	65	14	152
13H3	C	P	7-20-60	60	.3	2,640	685	546	144
13Q1	S	P1	4- 9-58	--	.3	386	40	8	316
13R2	S,G	P1	10-23-58	58	.1	439	---	6	356
14A1	S,G	P1	4- 9-59	--	.3	429	115	6	406
16N1	S,G	P1	4- 9-59	--	.1	376	300	12	554
24B1	S,G	P1	4- 9-59	--	3.0	386	85	10	362
25C1	Ss	P	4-22-59	--	.1	1,730	25	1,080	48

Methane gas?

Table 4.--Field chemical analyses of water from wells, Vigo County, Indiana--Continued

Well Number	Material	Geologic Age	Date of Collection	Temperature (°F)	Iron (Fe)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Hardness as CaCO ₃ (calcium, magnesium)	Remarks
13/ 8W-26B1	S,G	P1	8-14-59	--	0.3	390	132	8	396	
13/ 9W- 2A1	G	P1	8-14-57	56	.1	261	-----	0	288	
4D1	S,G	P1	4-10-59	--	.5	327	165	32	416	
4L2	S,G	P1	7-21-60	--	.3	381	130	8	396	
13N1	S,G	P1	8-26-59	--	.1	254	58	4	240	
14K1	S,G	P1	8-26-59	--	.1	293	40	6	264	
24D1	S,G	P1	8-26-59	--	.1	283	62	4	268	
25L1	G	P1	8-26-59	--	.1	249	33	10	244	
27P1	S,G	P1	7-21-60	--	.1	303	95	8	328	
29E1	S	P1	7-21-60	--	1.5	634	60	20	522	
29F1	S	P1	4-10-59	--	.1	468	285	36	618	
31C2	S	P1	8-14-57	56	.1	334	-----	32	732	Well depth 138 ft
34A3	S,G	P1	14- 3-56	--				404	624	Well depth 100 ft
34A4	S,G	P1	6-13-58	--				44	344	Well depth 138 ft
34A8	S,G	P1	8-30-56	--				376	688	Well depth 100 ft
35A1	S,G	P1	7-15-57	--				14	412	Do
35J2	S,G	P1	10-10-57	--				86	444	
35R1	S,G	P1	4- 9-59	--	.1	271	110	14	316	
36F1	S,G	P1	7-20-60	67	.2	298	250	8	456	
36F3	S,G	P1	8-26-59	--	.1	322	101	8	372	
36G1	S,G	P1	4-15-59	--	.1	317	155	10	384	
36J1	S,G	P1	4- 9-59	--	.1	282	72	10	298	
36J5	Ss	P	7-20-60	--	.1	327	100	12	348	
36K1	S,G	P1	4-15-59	--	.1	293	70	8	276	
36Q1	Ss	P	4- 9-59	--	.1	356	70	8	660	
36Q3	-----	P	4- 9-59	--	.1	303	85	12	332	
13/10W-24N1	S,G	P1	4- 9-59	--	.1	361	65	20	184	
			9-15-59	--	.1	298	77	10	256	
			7-21-60	--	.1	517	175	18	552	

Table 5.--Records of springs, Vigo County, Indiana

Spring number: See text for well-numbering system.
 Altitude: Altitude of land-surface datum from topographic map.
 Water-bearing material: T, till.
 Geologic age: Pl, Pleistocene.

Use: D, domestic
 Field chemical analyses: In parts per million;
 water samples collected on date of measurement.

Spring	Owner	Altitude (feet)	Water-bearing material	Geologic age	Flow (gpm)	Date of measurement	Use	Temperature (°F)	Field chemical analyses					Remarks
									Iron (Fe)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Hardness as CaCO ₃	
12/8W-34R2	I. Taylor	560	T	Pl	----	5- 5-59	D	--	1.0	307	30	10	224	Spring in small gully at base of hill.
13/8W-25N1	Vigo County	565	T	Pl	----	9-15-60	D	66	.1	229	21	8	204	Spring at bottom of ditch in road-cut on county road right of way.

Table 6.--Field chemical analyses of water from streams Vigo County, Indiana
(Results in part per million)

Name	Location	Date of collection	Temperature (F°)	Iron (Fe)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Hardness as CaCO ₃	Remarks
T. 10 N., R. 9 W.									
Prairie Creek	SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 8	9-13-60	69	0.8	205	17	16	172	Sample taken at bridge on county road.
Do-----	NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 10	9-13-60	61	.2	268	24	10	244	Do
Ditch flowing into Prairie Creek	SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 31	9-13-60	58	.2	195	340	22,380	2,610	Sample taken on north side of county road.
T. 10 N., R. 10 W.									
T. 11 N., R. 8 W.									
Honey Creek	NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 2	9-15-60	64	.2	259	890	10	1,150	Sample taken at bridge on county road.
T. 11 N., R. 9 W									
Do-----	NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 13	9-15-60	63	.2	278	1,420	10	1,470	Do
Do-----	NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 15	9-15-60	64	.2	259	1,100	12	1,200	Sample taken at bridge on federal road.
Do-----	NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 18	9-15-60	64	.2	312	515	68	660	Sample taken at bridge on state road
Branch of Honey Creek	NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 25	9-15-60	62	.2	132	1,310	10	1,600	Sample taken at bridge on county road.
Do-----	SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 25	9-15-60	64	.2	234	860	12	1,030	Do

T. 11 N., R. 10 W.

Clear Creek	NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 2	9-15-60	75	0.3	312	28	14	312	Sample taken at bridge on county road.
Hawks Creek	SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 16	9-15-60	72	.2	386	50	10	404	Do
Wabash River	NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 33	9-13-60	68	.3	288	59	26	312	

T. 12 N., R. 8 W.

Honey Creek	SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 36	9-14-60	60	.2	390	1,060	10	1,340	Sample taken at bridge on county road.
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T. 12 N., R. 9 W.

Wabash River	SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 8	9-15-60	76	.2	264	57	20	280	
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T. 12 N., R. 10 W.

Little Sugar Creek	NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 13	9-15-60	73	.2	317	41	14	308	Sample taken at bridge on county road.
Sugar Creek	NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 23	9-15-60	71	.2	307	38	26	316	Do

T. 13 N., R. 8 W.

Spring Creek	SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 6	9-15-60	69	.2	366	29	10	344	Do
North Branch Otter Creek	NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 13	9-15-60	66	.2	224	640	10	788	Do
Gundy Ditch	SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 19	9-15-60	62	.2	239	39	8	224	Do
Otter Creek	NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 25	9-15-60	65	.5	200	395	14	532	Do
Sulphur Creek	NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 33	9-15-60	64	.2	210	1,100	14	1,300	Do

T. 13 N., R. 9 W.

Brouillets Creek	NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 4	9-15-60	69	.2	371	295	16	536	Do
North Salt Creek	SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 5	9-15-60	71	.3	390	54	14	404	Do
Otter Creek	SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 26	9-15-60	70	.2	220	520	64	720	Do

Table 7.--Water levels in observation wells, Vigo County, Indiana

Vigo 1. (12/9W-28L6). Commercial Solvents Corporation. Terre Haute. NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 28, T. 12 N., R. 9 W. Drilled unused water table well in glacio-fluvial sand and gravel, diameter 1 $\frac{1}{2}$ inches, depth 130.5 feet. Land-surface datum is 493.4 feet above msl. Highest water level is 42.37 below lsd, Apr. 19, 1944; lowest 56.70 below lsd, Nov. 15, 1944. Records available 1944. Affected by nearby pumping.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
1944		Feb. 16	50.23	May 17	42.95	Sept. 6	52.12
Jan. 5	50.15		23	31	42.53	20	55.45
12	50.15	Mar. 8	46.63	June 14	42.87	Oct. 4	55.61
19	49.65		22	28	43.12	18	56.20
26	50.15	Apr. 5	48.57	July 12	49.70	Nov. 1	56.37
Feb. 2	50.15		19	26	50.70	15	56.70
9	50.23	May 3	42.95	Aug. 23	52.03	29	56.28

Vigo 2. (12/9W-28L7). Commercial Solvents Corporation. Terre Haute. NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 28, T. 12 N., R. 9 W. Drilled unused water table well in glacio-fluvial sand and gravel, diameter 6 inches, depth 133.5 feet. Land-surface datum is 495.9 feet above msl. Recording gage installed Feb. 13, 1946. Highest water level is 42.15 below lsd, Apr. 17, 1950; lowest, 60.95 below lsd, Dec. 17, 1948. Records available 1946-59. Affected by nearby pumping and river fluctuation.

(Daily highest water level from recorder graph, 1946)

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	-----	-----	50.50	-----	52.40	51.30	50.80	53.90	54.80	55.45	56.68	56.52
2	-----	-----	51.10	-----	-----	50.40	51.00	53.75	54.65	55.50	-----	56.47
3	-----	-----	50.85	50.20	-----	50.25	51.20	53.75	54.70	55.65	-----	56.58
4	-----	-----	50.80	50.45	-----	50.25	51.40	53.75	54.70	54.35	-----	56.60
5	-----	-----	50.80	50.65	-----	50.25	51.55	53.65	54.75	55.00	-----	56.68
6	-----	-----	51.05	50.70	51.85	50.35	51.70	53.65	54.75	54.95	56.34	56.62
7	-----	-----	51.25	50.70	52.00	50.45	51.85	53.80	54.75	54.90	56.35	56.52
8	-----	-----	-----	50.60	52.25	50.55	51.85	53.95	54.35	54.90	56.45	56.46
9	-----	-----	-----	-----	52.35	50.65	52.05	54.10	54.30	55.40	56.43	56.43
10	-----	-----	51.50	-----	52.30	50.75	52.20	54.25	54.60	-----	56.41	56.59
11	-----	-----	51.35	-----	52.05	51.05	52.25	54.20	54.70	-----	56.34	56.72
12	-----	-----	51.35	-----	51.50	51.20	52.40	54.10	54.80	-----	56.37	56.72
13	-----	-----	51.60	-----	51.30	51.55	52.50	54.30	55.00	-----	56.36	56.79
14	-----	-----	51.70	-----	51.35	51.35	52.45	54.50	55.00	-----	56.39	56.63
15	-----	52.00	51.75	-----	51.30	50.75	52.50	54.65	54.85	-----	56.47	56.48
16	-----	51.65	51.50	-----	51.65	50.35	52.55	54.80	54.75	-----	56.47	56.40
17	-----	51.15	51.10	51.60	52.05	50.15	52.70	54.90	54.85	-----	56.40	56.47
18	-----	49.40	50.90	50.75	51.60	50.20	52.70	55.00	55.00	-----	56.39	56.53
19	-----	49.15	50.70	51.75	51.00	50.40	52.95	54.80	55.20	-----	56.40	56.55
20	-----	48.95	-----	51.95	50.85	50.20	53.10	54.85	55.40	-----	56.46	56.54

Table 7.--Water levels in observation wells, Vigo County, Indiana, Continued

Vigo 2--Continued

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
21	-----	48.75	-----	51.80	50.65	49.85	53.20	54.95	55.45	-----	56.19	-----
22	-----	48.75	-----	51.75	50.70	49.49	53.10	55.05	55.20	-----	56.44	56.63
23	-----	48.80	-----	-----	50.60	49.05	53.20	55.05	55.35	55.30	56.52	56.61
24	-----	48.80	-----	-----	50.25	48.90	53.25	55.05	55.20	55.49	56.44	56.69
25	-----	48.85	-----	-----	50.50	49.05	53.45	55.00	55.15	55.80	56.39	56.60
26	-----	50.50	-----	-----	50.25	49.60	53.50	54.80	55.35	55.98	56.51	56.69
27	-----	50.40	-----	52.35	50.20	50.05	53.60	55.05	55.35	56.20	56.58	56.80
28	-----	50.65	-----	52.35	50.65	50.45	53.65	55.05	55.40	56.28	56.58	56.90
29	-----	-----	-----	52.30	50.95	50.90	53.65	55.05	55.40	56.37	56.52	56.84
30	-----	-----	-----	52.50	51.20	50.85	53.75	55.10	55.35	56.53	56.50	56.78
31	-----	-----	-----	-----	51.45	-----	53.80	54.95	-----	56.58	-----	56.84

(Daily highest water level from recorder graph, 1947)

1	56.72	55.44	-----	53.88	-----	49.15	50.80	53.37	-----	56.21	56.84	56.65
2	56.72	55.11	-----	53.90	49.90	49.14	50.92	53.38	-----	56.36	56.67	56.65
3	56.75	54.90	-----	53.93	49.58	49.15	51.02	53.39	-----	56.49	56.60	56.63
4	56.81	54.80	55.70	53.90	49.19	48.92	51.16	53.40	54.83	56.58	56.62	56.56
5	56.80	54.73	55.48	53.84	48.89	48.71	51.28	53.36	54.90	56.46	56.60	56.54
6	56.74	54.66	55.41	53.69	48.68	48.46	51.37	53.62	54.96	56.52	56.61	56.46
7	56.83	54.72	55.43	53.54	48.59	48.17	51.48	53.74	54.93	56.67	56.62	56.37
8	56.90	54.91	55.35	53.39	38.52	-----	51.62	53.84	54.95	56.75	56.60	56.36
9	56.95	54.93	55.25	53.32	48.51	-----	51.75	53.91	55.04	56.89	56.54	56.26
10	56.95	55.04	55.16	53.24	48.56	-----	51.91	53.82	55.10	57.00	56.50	56.18
11	56.87	55.16	55.20	53.24	48.65	-----	52.00	53.88	55.12	57.10	56.51	56.14
12	56.70	55.28	55.25	53.12	48.79	46.73	52.08	53.98	55.19	57.12	56.54	56.10
13	56.58	55.34	55.36	52.86	49.00	46.59	52.13	54.02	55.20	57.06	56.52	56.06
14	56.51	55.32	55.40	52.65	49.20	46.48	52.22	54.12	55.00	57.19	56.53	56.07
15	56.52	55.39	55.21	52.51	49.43	46.44	52.34	54.20	54.98	57.27	56.54	56.08
16	56.43	55.36	54.97	52.43	-----	46.46	52.43	-----	54.96	57.36	56.47	56.12
17	56.31	55.36	54.85	52.46	49.76	46.70	52.53	54.21	55.06	57.45	56.44	55.98
18	56.12	55.39	54.78	52.48	49.72	47.09	52.63	54.22	55.14	57.47	56.43	55.73
19	55.93	55.43	54.70	52.39	49.66	47.47	52.72	54.27	55.27	57.38	56.44	55.62
20	55.86	55.54	54.71	52.66	49.68	47.83	52.73	54.34	55.38	57.28	56.47	55.51
21	55.86	55.64	54.72	52.56	49.54	48.02	52.74	54.35	53.85	57.32	56.46	55.47
22	55.89	55.76	54.71	51.95	49.27	48.39	52.80	54.36	55.15	57.35	56.60	55.43
23	55.95	55.69	54.61	51.81	49.12	48.83	52.83	54.36	55.36	57.30	56.56	55.50
24	56.03	55.69	54.57	51.63	48.92	49.23	52.88	54.37	55.54	57.37	56.56	55.48
25	55.92	55.82	54.53	51.49	48.80	49.57	52.93	54.40	55.70	57.41	56.60	55.42
26	55.80	55.90	54.50	51.18	48.73	49.69	52.98	54.42	55.86	57.29	56.60	55.42
27	55.76	55.94	54.41	50.81	48.82	-----	53.08	54.40	55.94	57.17	56.61	55.42
28	55.87	56.01	54.30	50.60	48.96	-----	53.15	54.43	55.90	57.15	56.61	55.41
29	55.95	-----	54.16	50.40	49.08	-----	53.27	54.52	55.90	57.03	56.64	55.36
30	55.99	-----	53.94	50.21	49.22	-----	53.32	-----	56.06	57.00	56.67	55.35
31	55.77	-----	53.88	-----	49.19	-----	53.34	-----	-----	56.94	-----	55.36

Table 7.--Water levels in observation wells, Vigo County, Indiana, Continued

Vigo 2--Continued

(Daily highest water level from recorder graph, 1948)

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	55.60	57.36	56.16	52.17	53.28	54.01	55.08	54.69	55.88	58.84	-----	59.95
2	55.95	57.38	55.90	52.08	53.18	54.25	54.93	54.76	55.90	58.89	-----	60.00
3	55.82	57.49	55.70	51.82	53.16	54.50	54.80	54.83	56.00	58.74	-----	60.20
4	55.70	57.60	55.49	51.60	53.38	54.70	54.72	54.75	56.00	58.69	-----	60.20
5	55.48	57.70	55.31	51.54	53.70	54.77	54.69	54.63	56.05	58.78	57.40	60.05
6	55.38	57.85	55.20	51.57	53.93	54.62	54.67	54.58	56.09	58.98	58.30	60.00
7	55.26	57.87	55.15	51.72	54.12	54.61	54.72	54.50	56.17	58.89	57.35	60.10
8	55.21	57.81	55.18	51.60	53.89	54.81	54.83	54.48	56.32	59.11	57.00	60.25
9	55.30	57.91	55.30	51.30	53.48	54.98	54.88	54.48	56.47	59.22	56.95	60.40
10	55.55	57.94	55.50	50.90	53.28	55.10	53.72	54.50	56.65	58.12	58.65	60.55
11	55.67	58.02	55.77	50.63	53.27	55.23	54.94	54.42	56.86	59.09	59.00	60.60
12	55.73	58.06	56.05	50.59	53.31	55.31	55.03	54.57	57.06	59.21	59.15	60.50
13	55.82	58.14	56.36	50.75	53.30	55.16	55.08	-----	57.07	59.40	59.30	60.45
14	55.91	58.18	56.28	50.81	53.14	55.16	55.08	-----	57.27	59.53	59.40	60.60
15	-----	58.13	56.24	50.72	52.74	55.09	55.06	-----	57.48	-----	59.30	60.75
16	56.12	58.10	56.39	50.58	52.28	55.04	55.06	-----	57.73	-----	59.35	60.85
17	56.29	58.12	56.62	50.42	52.13	55.38	54.90	-----	57.91	-----	59.45	60.95
18	56.40	57.92	56.83	50.22	52.13	55.67	54.83	-----	58.13	-----	59.60	60.85
19	56.49	57.66	56.68	50.14	52.11	55.75	54.82	55.43	58.26	-----	59.75	60.40
20	56.64	57.38	56.32	50.20	52.19	55.63	54.85	55.46	58.19	-----	59.83	60.10
21	56.77	57.08	55.94	50.35	52.42	55.60	54.92	55.40	58.20	57.26	59.70	60.05
22	56.84	56.88	55.67	50.67	52.71	55.81	54.80	55.42	58.28	57.30	59.65	60.05
23	-----	56.84	55.54	51.00	52.68	56.02	54.68	55.42	58.32	-----	59.75	60.10
24	57.06	56.92	55.25	51.41	52.69	56.28	54.60	55.45	58.43	-----	59.85	60.25
25	57.04	56.96	54.80	51.60	52.92	56.41	54.59	55.52	58.40	-----	59.85	60.20
26	57.05	56.98	54.34	51.65	53.32	56.44	54.60	54.59	58.28	-----	59.85	59.95
27	57.07	57.03e	53.98	52.00	53.57	56.12	54.61	55.66	58.25	-----	59.90	59.85
28	57.17	56.99e	53.44	52.47	53.86	55.87	54.58	55.72	58.44	-----	59.80	59.95
29	57.23	56.57e	52.90	52.89	53.98	55.54	54.52	55.77	58.60	-----	59.75	60.15
30	57.31	-----e	52.34	53.12	53.89	55.30	54.54	55.75	58.74	-----	59.80	60.05
31	57.38	-----	-----	-----	53.89	-----	54.60	55.78	-----	-----	-----	59.80

(Daily highest water level from recorder graph, 1949)

1	59.40	-----	51.10	53.40	55.00	54.30	55.40	54.60	55.80	58.35	54.80	56.65
2	58.90	-----	51.20	53.10	54.95	54.65	55.20	54.60	55.95	58.10	54.85	56.85
3	58.70	52.05	51.30	53.10	55.05	54.90	55.05	54.65	56.25	58.05	54.85	56.85
4	58.65	52.05	51.50	53.30	55.15	55.05	55.05	54.60	56.15	58.15	54.85	56.70
5	58.65	52.15	51.80	-----	55.40	54.85	55.00	54.55	56.10	58.35	54.95	56.65
6	58.40	52.20	52.05	-----	55.55	54.80	55.20	54.50	56.30	58.50	54.95	56.85
7	58.20	52.35	52.10	53.55	55.35	55.00	55.50	54.45	56.55	58.45	54.95	57.00
8	57.85	52.60	52.25	53.75	55.10	55.20	55.70	54.45	56.80	58.25	55.00	57.15
9	57.40	53.00	52.40	53.80	55.10	55.45	55.80e	54.45	56.95	57.95	55.05	57.36
10	57.00	53.30	52.65	53.65	55.25	55.65	55.60	-----	57.05	57.85	55.05	57.35

Table 7.--Water levels in observation wells, Vigo County, Indiana, Continued

Vigo 2--Continued

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
11	56.85	53.50	52.80	53.60	55.50	55.60	55.60	54.60	56.95	57.80	55.05	57.20
12	56.60	53.65	53.00	53.80	55.70	55.40	55.65	54.65	56.90	57.50	55.10	57.15
13	56.40	53.65	53.05	54.00	55.90	55.35	55.70	54.75	57.10	57.00	55.05	57.25
14	56.20	53.70	53.00	54.30	55.80	55.50	55.70	54.80	57.25	56.50	54.95	57.35
15	56.00	53.60	53.15	54.50	55.60	55.75	55.65	54.70	57.45	56.10	54.90	57.40
16	55.60	53.30	-----	54.65	55.55	56.00	55.60	54.65	57.60	55.65	54.90	57.45
17	55.50	52.95	-----	54.55	55.70	56.00	55.55	54.75	57.60	55.50	54.95	57.40
18	55.45	52.60	53.50	54.50	55.95	55.80	55.55	54.85	57.40	55.50	55.05	57.20
19	-----	52.20	-----	54.70	56.20	55.50	55.50	54.95	57.35	55.55	55.25	57.15
20	-----	51.70	-----	54.85	56.40	55.20	55.50	55.05	57.50	55.55	55.25	57.25
21	-----	51.35	-----	55.05	56.30	55.20	55.55	55.05	57.65	55.55	55.25	57.40
22	-----	51.25	-----	55.20	56.00	55.25	55.50	55.10	57.85	55.35	55.30	57.40
23	-----	51.15	-----	55.10	55.90	55.30	55.35	55.15	57.95	55.20	55.45	57.05
24	-----	51.20	-----	54.90	55.70	55.40	55.20	55.20	58.00	55.05	55.70	57.55
25	-----	51.25	-----	54.85	55.40	55.40	55.05	55.25	57.85	54.95	56.00	55.90
26	-----	51.25	-----	55.05	55.10	55.25	55.00	55.30	57.80	54.90	56.20	55.40
27	53.00	51.05	-----	55.25	54.80	55.20	54.95	55.40	57.95	54.90	56.10	55.05
28	52.95	51.05	-----	55.35	54.40	55.40	54.80	55.35	58.10	54.85	56.10	54.75
29	-----	-----	-----	55.40	53.95	55.40	54.75	55.40	58.25	54.85	56.25	54.45
30	-----	-----	-----	55.25	53.90	55.40	54.70	55.55	58.40	54.80	56.40	54.20
31	-----	-----	53.65	-----	54.00	-----	54.65	55.65	-----	54.80	-----	53.90

(Daily highest water level from recorder graph, 1950)

1	53.45	44.75	44.65	44.65	42.60	47.15	47.50	50.05	53.65	52.85	54.90	55.10
2	53.30	44.80	44.90	44.35	42.70	47.40	47.40	50.30	53.25	52.75	55.05	55.05
3	53.30	44.90	45.05	44.25	42.90	47.30	47.35	50.50	52.75	52.90	55.15	54.65
4	53.05	44.95	45.00	43.20	43.20	47.00	47.55	50.80	52.45	53.00	55.25	54.50
5	52.35	44.90	44.95	44.10	43.25	46.95	47.80	51.00	52.40	53.20	55.20	54.35
6	51.50	44.95	44.95	44.05	43.30	47.30	47.95	50.85	52.35	53.35	55.15	54.30
7	50.50	45.20	45.10	43.80	43.25	47.70	48.15	50.80	52.50	53.50	55.25	54.15
8	49.45	45.55	45.25	43.35	43.20	48.00	48.25	51.00	52.65	51.95	55.35	54.05
9	48.65	-----	45.45	42.75	43.50	48.30	47.85	51.25	52.80	52.90	55.45	53.75
10	48.20	-----	45.55	42.45	43.90	48.15	47.75	51.25	52.55	53.20	55.50	53.20
11	47.85	-----	45.45	42.30	44.20	47.75	48.05	51.35	52.55	53.35	55.55	52.95
12	47.55	-----	45.40	42.30	44.55	47.70	48.50	51.40	52.75	53.45	55.40	-----
13	47.35	-----	45.35	42.35	44.75	48.00	48.80	51.10	52.95	53.60	55.30	-----
14	46.95	-----	45.50	42.40	44.50	48.30	49.10	51.05	53.20	53.55	53.35	-----
15	46.50	45.85	45.50	42.65	44.50	48.50	49.10	51.40	53.45	53.50	55.45	-----
16	46.00	45.60	45.45	42.30	44.80	48.65	48.65	51.60	53.60	53.45	55.50	-----
17	45.45	45.20	45.40	42.15	45.10	48.50	48.45	51.95	53.45	53.55	55.65	-----
18	45.20	44.80	45.50	42.20	45.45	47.80	48.90	52.25	53.40	53.75	55.80	-----
19	45.15	44.40	45.35	42.35	45.75	47.55	49.20	51.25	53.50	53.95	55.65	-----
20	45.10	44.10	45.25	42.50	45.80	47.60	49.40	52.00	53.70	54.05	55.65	53.00

Table 7.--Water levels in observation wells, Vigo County, Indiana, Continued

Vigo 2--Continued

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
21	45.21	43.95	45.30	42.85	45.50	47.60	49.55	51.95	53.75	54.20	55.50	53.10
22	44.95	43.90	45.25	43.10	45.45	47.65	49.40	52.20	53.55	54.10	55.30	53.15
23	45.00	44.00	45.45	43.00	45.80	47.70	49.25	52.50	53.10	54.05	-----	53.20
24	45.05	44.05	45.75	43.00	46.10	47.60	49.15	52.80	52.45	54.20	-----	53.20
25	45.25	44.20	45.60	43.30	46.05	47.25	49.35	53.05	52.20	54.30	-----	53.05
26	45.45	44.15	45.35	43.45	46.45	47.10	49.50	53.05	52.20	54.45	-----	53.05
27	45.50	44.20	45.30	43.45	46.50	47.25	49.60	52.90	52.30	54.50	-----	53.10
28	45.30	44.40	45.30	43.45	46.20	47.20	49.75	52.85	52.50	54.65	-----	53.20
29	45.10	-----	45.20	43.10	46.15	47.15	49.85	53.05	52.80	54.70	54.80	53.25
30	44.90	-----	45.05	42.70	46.50	47.40	49.90	53.30	53.00	54.65	54.95	53.35
31	44.85	-----	44.90	-----	-----	-----	49.85	53.55	-----	54.75	-----	53.40

(Daily highest water level from recorder graph, 1951)

1	53.30	53.80	50.05	51.50	51.25	52.75	53.30	53.25	52.25	52.95	55.10	55.60
2	53.25	54.10	50.15	51.40	51.35	52.80	53.30	53.25	52.15	53.05	55.15	55.35
3	53.25	54.30	50.15	51.40	51.45	52.60	53.45	53.15	52.15	53.10	55.10	55.30
4	53.10	54.30	49.95	51.40	51.60	52.55	53.60	53.00	52.25	53.15	55.05	55.40
5	52.90	54.20	49.90	51.55	51.65	52.70	53.80	52.90	52.30	53.25	55.00	55.50
6	52.65	54.30	50.05	51.70	51.40	52.90	53.90	52.85	52.30	53.35	55.20	55.55
7	52.30	54.45	50.35	51.70	51.40	53.10	53.85	52.80	52.40	53.30	55.40	55.45
8	52.15	54.55	50.55	51.55	51.60	53.25	53.70	52.75	52.35	53.35	55.50	55.25
9	52.10	54.65	50.75	51.50	51.80	53.25	53.55	52.75	52.30	53.50	55.65	55.00
10	52.05	54.75	50.75	51.60	52.05	53.00	53.70	52.75	52.30	53.70	55.65	54.90
11	52.05	54.75	50.55	51.70	52.20	52.95	53.55	52.70	52.40	53.85	55.40	54.90
12	52.20	54.75	50.55	51.65	51.85	53.00	53.40	52.60	52.45	54.00	55.40	55.00
13	52.40	54.85	50.75	51.50	51.45	53.15	53.15	52.50	52.45	54.10	55.45	55.10
14	52.35	54.85	51.00	51.15	51.30	53.35	52.60	52.50	52.50	53.90	55.40	55.20
15	52.30	54.85	51.35	50.70	51.25	53.55	51.95	52.45	52.50	53.90	55.30	55.20
16	52.45	54.80	51.60	50.50	51.20	53.50	51.85	52.40	52.50	54.10	55.20	55.10
17	52.55	54.50	51.45	50.50	51.20	53.15	51.85	52.40	52.50	54.30	55.00	55.05
18	52.75	54.10	51.00	50.45	51.25	53.15	52.05	52.35	52.60	54.45	54.80	55.15
19	53.00	53.90	50.80	50.45	51.40	53.30	52.20	52.30	52.70	54.65	54.75	55.30
20	53.00	53.85	50.80	50.45	51.25	53.50	52.45	52.25	52.75	54.60	54.85	55.40
21	52.60	53.60	50.85	50.30	51.20	53.60	52.55	52.30	52.85	54.50	55.10	55.50
22	52.50	52.85	50.90	50.25	51.40	53.75	52.50	52.30	54.85	54.50	55.20	55.55
23	52.50	52.05	50.95	50.25	51.65	53.65	52.35	52.35	52.85	54.70	55.30	55.50
24	52.60	51.15	51.05	50.45	51.90	53.40	52.65	52.30	52.85	54.85	55.25	55.50
25	52.70	50.40	50.95	50.80	52.15	53.40	52.95	52.30	52.90	54.95	55.05	55.35
26	52.95	50.15	50.95	51.10	52.25	53.45	53.20	52.30	53.00	55.05	55.00	-----
27	53.15	50.05	51.10	51.30	52.10	53.55	53.45	52.30	53.10	55.00	55.15	55.25
28	53.25	50.00	51.40	51.35	52.05	53.70	53.45	52.35	53.10	54.85	55.30	55.10
29	53.20	-----	51.60	51.25	52.20	53.65	52.40	52.35	53.05	54.80	55.45	54.95
30	53.35	-----	51.80	51.20	52.40	53.45	53.10	52.35	52.95	54.95	55.60	54.80
31	53.55	-----	51.80	-----	52.60	-----	53.10	52.30	-----	55.05	-----	54.55

Table 7.--Water levels in observation wells, Vigo County, Indiana, Continued

Vigo 2--Continued

(Daily highest water from recorder graph, 1952)

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	54.30	51.05	52.05	50.05	47.60	46.20	46.75	49.95	50.40	49.70	52.00	53.85
2	53.95	50.75	52.10	50.30	47.70	46.10	47.00	50.05	50.40	50.75	51.95	53.95
3	53.65	50.50	52.00	50.50	47.85	46.25	47.25	50.00	50.35	50.20	52.00	54.05
4	53.35	50.55	52.10	50.70	47.95	46.50	47.45	49.95	50.40	50.15	52.00	54.20
5	53.05	50.55	-----	50.60	47.95	46.75	47.55	50.05	50.45	50.10	52.25	54.35
6	52.75	50.50	52.50	50.10	48.10	47.00	47.55	50.15	50.55	50.10	52.40	54.40
7	52.50	50.45	52.65	49.95	48.25	47.30	47.55	50.25	50.50	51.30	52.45	54.40
8	52.30	50.40	52.55	49.85	48.30	47.40	47.75	50.30	50.65	51.35	52.55	54.40
9	52.30	50.20	52.45	49.85	48.35	47.60	47.95	50.35	50.75	51.30	52.50	54.45
10	52.30	49.90	52.35	50.00	48.40	47.75	48.05	50.25	50.80	51.30	52.50	54.50
11	52.30	49.85	52.45	50.05	48.35	48.00	48.15	50.25	50.85	51.25	52.60	54.60
12	52.35	49.85	52.45	50.05	48.30	48.15	48.30	50.35	50.85	51.25	52.70	54.60
13	52.35	49.90	52.30	49.85	48.45	48.30	48.30	50.45	50.95	51.25	52.75	54.65
14	52.40	50.00	52.15	49.70	48.50	47.65	48.30	50.55	51.05	51.30	52.70	54.60
15	52.45	50.10	51.80	49.60	48.60	47.75	48.40	50.60	51.10	51.35	52.60	54.60
16	52.50	50.20	51.50	49.45	48.70	47.45	48.50	50.35	51.05	51.40	52.55	54.65
17	52.50	50.15	51.10	49.30	48.60	47.25	48.65	50.20	51.15	51.45	52.50	54.75
18	52.40	50.20	50.80	49.10	48.45	47.00	48.80	50.20	51.05	51.50	52.55	54.80
19	52.20	50.45	-----	48.90	48.30	46.85	48.95	50.20	51.05	51.45	52.60	54.90
20	52.05	50.55	50.65	48.60	48.15	46.80	48.85	50.20	51.00	51.40	52.70	54.95
21	53.95	50.80	50.55	48.50	48.15	46.75	48.85	50.25	50.95	51.50	52.90	54.95
22	-----	51.10	50.30	48.55	48.10	46.50	49.05	50.30	50.95	51.55	53.20	54.95
23	-----	51.45	50.00	48.70	-----	46.30	49.25	50.30	50.95	51.60	53.30	55.00
24	-----	51.45	49.90	48.75	-----	46.15	49.40	50.25	49.60	51.75	53.35	55.05
25	-----	51.45	49.90	48.70	-----	46.00	49.60	50.25	49.35	51.75	53.45	55.00
26	-----	51.50	49.95	48.60	-----	45.95	49.70	50.25	50.30	51.75	53.60	54.95
27	-----	51.65	50.05	48.40	-----	46.10	49.70	50.30	50.40	51.75	53.70	54.95
28	-----	51.80	50.10	48.10	47.40	46.35	49.65	50.35	50.35	51.80	53.75	54.90
29	-----	51.95	50.05	47.90	47.10	46.40	49.75	50.40	49.60	51.90	53.85	54.90
30	51.30	-----	49.95	47.65	46.80	46.50	49.85	50.40	49.60	51.95	53.85	54.90
31	51.25	-----	49.95	-----	46.40	-----	49.90	50.40	-----	52.00	-----	54.95

(Daily highest water level from recorder graph, 1953)

1	54.95	54.35	54.40	51.80	53.30	53.10	55.20	57.00	58.75	58.75	58.75	59.05
2	54.95	54.35	54.45	51.70	53.40	53.15	55.25	57.00	58.90	58.80	58.75	59.10
3	54.95	54.40	-----	51.55	53.30	53.30	55.30	56.95	59.00	58.85	58.75	59.20
4	54.95	54.45	54.30	51.30	53.25	53.40	55.30	56.95	59.05	58.90	58.85	59.30
5	54.95	54.50	54.05	51.10	53.40	53.55	55.20	57.10	58.90	58.85	59.00	59.30
6	55.00	54.50	53.90	51.10	53.45	53.70	55.15	57.10	58.80	58.85	58.95	59.35
7	55.00	54.55	53.55	51.10	53.45	53.70	55.10	57.20	58.80	58.90	59.05	59.30
8	55.00	54.60	53.40	50.00	53.50	53.70	54.90	57.35	58.80	58.90	59.05	59.40
9	55.00	54.60	53.15	50.50	53.60	53.80	54.80	57.30	58.85	58.95	59.05	59.50
10	55.05	54.65	53.05	52.00	53.60	53.90	54.85	57.30	59.00	58.90	59.10	59.45

Table 7.--Water levels in observation wells, Vigo County, Indiana, Continued

Vigo 2--Continued

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
11	55.05	54.70	52.95	52.10	53.55	54.05	55.00	57.45	59.05	58.75	59.20	59.50
12	55.05	54.70	52.95	52.05	53.70	54.20	55.00	57.50	59.05	58.70	59.20	59.45
13	55.05	54.75	53.05	52.00	53.75	54.30	55.00	57.55	58.90	56.50	59.30	59.35
14	55.10	54.70	53.10	52.15	53.85	54.25	55.05	57.65	58.90	57.65	59.25	59.30
15	55.05	54.70	52.95	52.30	53.85	54.20	55.25	57.75	58.80	57.90	59.25	59.35
16	55.10	54.70	52.80	52.40	53.95	54.25	55.55	57.75	58.85	57.85	59.25	59.50
17	54.95	54.70	52.70	52.50	53.95	54.40	55.80	57.75	58.80	57.85	59.25	59.55
18	54.15	54.75	52.60	52.60	53.90	54.50	56.00	57.85	58.80	57.80	59.30	59.65
19	54.85	54.75	52.55	52.60	53.95	54.60	56.00	58.00	58.80	57.75	59.35	59.75
20	54.75	54.75	52.30	52.60	54.05	54.70	56.05	58.10	58.65	57.95	59.35	59.80
21	54.70	54.80	52.15	52.70	54.05	54.75	56.15	58.20	58.65	58.40	59.30	59.75
22	54.65	53.45	51.95	52.80	54.05	54.70	56.25	58.35	58.65	58.45	59.20	59.85
23	54.60	53.35	51.80	52.90	53.75	54.80	56.40	58.30	58.65	58.50	59.20	59.90
24	54.50	54.50	51.65	52.90	53.55	54.90	56.50	58.30	58.70	58.60	59.25	59.95
25	53.75	54.50	51.65	53.00	53.50	55.05	56.55	58.40	58.65	58.55	59.30	59.95
26	54.40	54.50	51.45	53.00	53.45	54.20	56.40	58.55	58.60	58.55	59.40	59.90
27	54.40	54.50	51.35	53.00	53.25	55.00	56.40	58.65	58.55	58.70	59.30	59.80
28	54.35	54.50	51.35	53.05	53.20	55.00	56.50	58.75	58.55	58.75	59.15	59.80
29	54.35	-----	51.40	53.15	53.05	55.00	56.65	58.70	58.65	58.70	59.10	59.85
30	54.35	-----	51.35	53.20	53.05	55.15	56.75	58.60	58.75	58.75	59.05	60.05
31	54.35	-----	51.50	-----	53.05	-----	56.90	58.60	-----	58.80	-----	60.15

(Daily highest water level from recorder graph, 1954)

1	60.25	58.15	57.30	59.65	58.35	57.30	56.45	59.15	58.90	59.00	-----	58.20
2	60.15	59.80	57.60	59.75	58.30	56.00	56.55	59.10	58.95	59.00	-----	58.20
3	60.05	59.90	57.60	58.95	58.10	55.70	56.30	59.10	59.00	59.00	-----	58.20
4	60.00	60.00	59.15	59.35	56.80	55.50	56.15	59.25	59.00	58.95	-----	58.20
5	60.10	60.05	59.40	59.20	56.25	55.30	56.05	59.25	58.95	58.95	-----	58.15
6	60.30	60.05	58.30	59.25	56.10	55.15	56.30	59.20	58.95	58.95	-----	58.15
7	60.35	58.05	57.40	59.45	56.00	55.00	57.75	59.05	58.95	58.95	-----	58.15
8	60.40	57.90	57.30	59.60	55.80	55.00	56.85	58.95	59.05	58.95	-----	58.10
9	60.45	59.55	57.40	59.70	55.55	55.30	56.95	58.90	59.10	58.90	-----	58.10
10	60.35	59.90	57.50	59.80	55.50	55.90	56.55	58.90	59.10	58.80	58.05	58.20
11	60.30	59.95	57.55	59.50	55.40	57.15	56.45	58.85	59.10	58.70	-----	58.25
12	60.45	60.10	57.60	59.40	55.50	57.35	56.40	58.80	59.05	58.60	-----	58.35
13	60.45	60.10	58.30	59.30	55.50	57.35	57.15	58.75	59.00	58.45	-----	58.30
14	60.55	58.20	57.40	59.25	55.90	57.30	56.75	58.75	59.10	58.35	-----	58.35
15	60.55	57.95	57.25	59.20	55.65	57.45	58.40	58.55	59.10	58.15	-----	58.40
16	60.45	59.60	57.60	59.20	55.45	57.55	58.65	58.70	59.05	57.95	58.15	58.35
17	60.35	59.85	57.75	59.65	55.40	57.60	58.75	58.80	59.00	57.75	58.15	58.35
18	60.35	59.95	58.15	58.85	55.40	56.25	58.75	58.80	59.00	57.55	58.10	58.30
19	60.35	59.90	59.65	58.75	55.90	56.30	58.70	58.85	59.05	57.35	58.15	58.30
20	60.40	59.80	58.45	58.75	55.70	56.20	58.85	58.80	59.00	57.25	58.10	58.30

Table 7.--Water levels in observation wells, Vigo County, Indiana, Continued

Vigo 2--Continued

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
21	60.50	59.65	58.10	58.95	55.75	57.50	58.95	58.65	59.10	57.20	58.10	58.40
22	60.60	59.60	59.35	59.00	55.70	56.35	59.00	58.55	59.10	57.15	58.10	58.35
23	60.50	59.60	59.45	58.30	55.45	56.40	59.10	58.55	59.10	57.10	58.20	58.35
24	60.35	59.60	59.70	57.15	55.35	56.35	59.05	58.65	59.05	57.00	58.15	58.35
25	60.30	59.70	59.65	56.80	55.40	58.00	59.00	58.75	59.00	57.00	58.15	58.50
26	60.30	58.30	59.85	56.60	57.25	58.10	58.95	58.75	59.00	56.30	58.15	58.55
27	60.40	57.80	59.90	56.55	57.65	56.25	59.10	58.75	58.95	-----	58.20	58.60
28	60.50	57.45	59.50	56.60	57.75	56.05	59.10	58.85	59.00	-----	58.25	58.60
29	60.50	-----	59.35	58.10	56.60	56.40	59.10	58.80	59.00	-----	58.25	58.70
30	60.35	-----	59.40	57.45	56.05	56.40	59.20	58.80	59.05	-----	58.25	58.65
31	58.35	-----	59.60	-----	55.85	-----	59.20	58.80	-----	-----	-----	58.50

(Daily highest water level from recorder graph, 1955)

1	58.40	56.95	56.50	54.50	53.40	53.90	54.15	54.35	55.80	58.15	57.95	56.35
2	58.20	57.00	56.30	54.45	53.45	53.90	54.45	54.25	56.00	58.25	58.10	56.45
3	58.00	57.00	56.15	54.45	53.45	53.95	54.60	54.20	56.10	58.20	58.10	56.55
4	57.95	57.05	55.90	54.40	53.45	54.00	54.70	54.20	56.15	58.25	58.05	56.55
5	57.85	57.05	55.70	54.50	53.55	54.05	54.85	54.20	56.20	58.35	57.80	56.55
6	57.70	57.05	55.40	54.50	53.65	54.10	54.90	54.20	56.30	58.40	57.45	56.60
7	57.45	57.10	55.25	54.55	53.65	54.10	55.05	54.20	56.55	58.30	57.20	56.65
8	57.15	57.10	55.05	54.65	53.75	54.10	55.20	54.15	56.75	58.00	57.10	56.75
9	56.90	57.15	54.90	54.65	53.80	54.00	55.10	54.25	56.85	57.60	57.10	56.80
10	56.60	57.20	54.70	54.65	53.90	53.85	54.80	54.20	57.00	57.35	57.10	56.80
11	56.45	57.20	54.65	54.65	53.90	53.75	54.70	54.30	57.00	57.20	57.10	56.75
12	56.25	57.30	54.65	54.75	53.90	53.65	54.60	54.25	57.05	57.10	57.00	56.75
13	56.20	57.30	54.70	54.75	54.00	53.50	54.55	54.30	57.20	57.05	56.90	56.80
14	56.15	57.25	54.70	54.70	54.05	53.45	54.50	54.35	57.40	57.15	56.90	56.95
15	56.20	57.25	54.65	54.55	54.00	53.35	54.45	54.35	57.55	57.10	56.95	57.00
16	56.30	57.25	54.65	54.45	53.95	53.30	54.40	54.40	57.65	57.05	57.10	57.10
17	56.35	57.25	54.70	54.45	54.00	-----	54.30	54.50	57.75	57.00	57.00	57.10
18	56.40	57.20	54.75	54.40	54.05	-----	54.15	54.50	57.75	57.10	56.80	57.10
19	56.45	57.10	54.75	54.35	54.15	-----	53.90	54.50	57.75	57.40	56.55	57.10
20	56.50	57.10	54.65	54.25	54.35	-----	53.70	54.60	57.85	57.50	56.20	57.20
21	56.50	57.05	54.60	54.20	54.25	53.45	53.65	54.65	58.00	57.65	56.10	57.35
22	56.55	56.95	54.60	54.15	54.20	53.45	53.65	54.65	58.05	57.75	56.05	-----
23	56.60	56.85	54.70	54.00	54.20	53.50	53.70	54.70	58.15	57.55	56.05	-----
24	56.65	56.80	54.65	53.90	54.25	53.60	53.75	54.70	58.15	57.60	56.00	-----
25	56.65	56.70	54.50	53.90	54.20	53.65	53.70	54.70	58.25	57.75	56.00	-----
26	56.70	56.65	54.45	53.85	54.10	53.70	53.80	54.75	58.20	57.85	55.95	-----
27	56.70	56.60	54.40	53.75	54.10	53.75	54.00	54.95	58.20	58.00	55.90	-----
28	56.75	56.55	54.40	53.65	54.05	53.80	54.20	55.25	58.15	58.00	55.90	57.45
29	56.80	-----	54.45	53.50	54.00	53.85	54.40	55.35	58.25	57.95	56.00	57.55
30	56.85	-----	54.40	53.45	53.95	53.90	54.55	55.45	58.15	57.80	56.20	57.60
31	56.90	-----	54.50	-----	53.90	-----	54.45	55.65	-----	57.75	-----	57.50

Table 7.--Water levels in observation wells, Vigo County, Indiana, Continued

Vigo 2--Continued

(Daily highest water level from recorder graph, 1956)

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	57.45	58.45	55.50	55.20	54.40	52.10	51.70	53.25	54.20	55.30	55.85	56.15
2	57.45	58.50	55.30	55.10	54.25	51.10	51.70	53.40	54.40	53.75	55.90	56.10
3	57.50	58.55	55.05	54.90	54.10	50.20	52.00	53.45	54.40	53.80	55.90	56.05
4	57.70	58.45	54.75	54.85	54.05	49.90	52.00	53.45	54.40	55.20	55.90	56.10
5	57.80	58.35	54.70	54.75	54.05	49.80	52.00	-----	54.45	55.30	55.85	56.10
6	57.85	58.35	54.75	54.70	54.00	49.80	52.00	-----	54.50	55.35	55.90	56.10
7	57.80	58.45	54.85	54.65	54.00	51.20	-----	-----	54.55	55.40	55.95	56.10
8	57.65	58.50	54.95	54.50	54.05	51.30	-----	53.50	54.55	55.40	55.95	56.15
9	57.65	58.55	55.00	54.45	54.05	51.40	-----	53.60	54.55	55.40	55.95	56.05
10	57.80	58.55	54.85	54.35	52.85	51.50	-----	53.65	54.65	55.45	55.95	56.00
11	57.95	58.50	54.65	54.35	52.60	51.75	52.15	53.75	54.75	55.40	55.95	56.05
12	58.00	58.35	54.60	54.40	52.45	52.10	52.15	53.75	54.75	55.40	55.90	56.05
13	58.05	58.25	54.65	54.40	52.30	52.25	52.25	53.85	54.95	55.50	55.95	56.10
14	58.00	58.20	54.80	54.35	52.20	52.35	52.25	53.90	55.10	55.60	56.00	56.10
15	57.90	58.25	54.95	54.35	52.05	52.50	52.35	53.95	55.05	55.60	56.00	56.10
16	57.90	58.25	55.05	54.35	52.00	52.60	52.35	53.95	55.05	55.65	56.00	56.05
17	58.00	-----	55.10	54.45	51.95	52.75	52.25	53.95	55.10	55.55	56.00	56.05
18	58.10	-----	55.05	54.45	51.95	52.80	52.05	54.00	55.10	-----	55.95	56.15
19	58.15	-----	55.05	54.55	51.95	52.90	52.00	54.05	55.10	-----	55.95	56.15
20	58.15	-----	55.15	54.65	51.90	53.00	52.35	54.10	55.15	55.80	55.95	56.10
21	58.10	-----	55.20	54.60	51.90	53.00	52.55	54.20	55.15	-----	55.95	56.10
22	58.00	56.85	55.20	54.55	51.95	52.55	52.70	54.30	55.20	55.50	56.00	56.05
23	58.00	56.75	55.20	54.60	51.95	52.10	52.75	54.35	55.20	55.70	56.00	56.00
24	58.15	56.70	55.10	54.60	51.90	51.70	52.80	54.40	55.20	55.80	56.00	-----
25	58.30	56.50	54.95	54.60	51.80	51.60	52.85	54.50	55.25	-----	56.00	-----
26	58.35	56.15	54.90	54.55	51.80	51.55	52.85	54.45	55.25	-----	-----	-----
27	58.40	55.95	55.05	54.50	51.75	51.60	53.00	54.50	55.30	55.90	-----	56.00
28	58.35	55.75	55.10	54.50	51.70	51.65	53.05	52.85	55.30	-----	56.05	56.00
29	58.20	55.65	55.20	54.45	51.65	51.65	53.15	52.60	55.30	55.80	56.20	56.00
30	58.20	-----	55.25	54.45	52.50	51.65	53.20	53.75	55.35	55.85	56.20	56.00
31	58.40	-----	55.25	-----	52.30	-----	53.20	54.15	-----	55.85	-----	56.00

(Daily highest water level from recorder graph, 1957)

1	56.05	55.45	54.75	54.65	47.15	47.00	44.80	45.95	51.00	52.35	51.95	52.20
2	56.05	55.55	54.55	54.65	47.10	47.00	44.40	46.45	51.05	52.30	52.10	52.25
3	56.00	55.55	54.40	54.55	47.00	47.00	44.15	46.80	51.05	52.40	52.15	52.35
4	56.05	55.55	54.35	54.20	47.00	47.10	43.95	46.90	51.15	52.45	52.25	52.50
5	56.10	55.65	54.35	53.75	47.05	47.20	43.85	47.20	51.15	52.50	52.40	52.70
6	56.15	55.60	54.40	53.20	47.15	47.35	43.70	47.75	51.30	52.65	52.55	52.80
7	56.15	55.65	54.45	52.70	47.40	47.50	43.55	47.75	51.45	52.70	52.65	52.95
8	56.15	55.65	54.45	52.35	47.65	47.80	43.50	48.00	51.50	52.75	52.75	52.90
9	56.15	55.65	54.50	52.05	47.85	48.05	43.50	48.20	51.65	52.85	52.75	52.70
10	56.15	55.50	54.55	51.70	48.05	48.20	43.50	48.40	51.75	52.90	52.70	52.50

Table 7.--Water levels in observation wells, Vigo County, Indiana, Continued

Vigo 2--Continued

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
11	56.15	55.40	54.55	51.35	48.20	48.35	43.50	48.50	51.90	52.90	52.70	52.25
12	56.20	55.25	54.60	50.95	48.10	48.15	43.50	48.70	51.90	52.90	52.70	52.05
13	56.25	55.15	54.65	50.45	47.90	47.85	43.60	48.85	51.95	52.85	52.65	51.95
14	-----	55.05	54.70	50.00	47.70	47.10	43.80	48.85	52.05	52.80	52.65	51.90
15	56.25	55.00	54.70	49.65	47.55	47.35	43.70	48.95	51.95	52.90	52.55	51.95
16	56.25	55.00	54.70	49.30	47.40	47.10	43.65	49.15	51.90	52.90	52.35	51.95
17	-----	55.00	54.70	49.15	47.35	46.85	43.65	49.35	52.00	52.90	52.05	52.05
18	-----	55.00	53.95	49.00	47.35	46.75	43.75	49.50	52.10	54.85	51.75	52.15
19	-----	55.05	54.80	48.95	47.35	46.90	43.85	49.60	52.20	52.80	51.65	51.90
20	-----	55.05	54.85	48.90	47.30	46.85	43.85	49.75	52.25	52.75	51.50	51.55
21	-----	55.10	54.90	48.70	47.15	46.85	43.90	49.95	52.25	52.80	51.50	51.10
22	56.25	55.05	54.90	48.55	47.00	46.90	44.00	50.05	52.20	52.95	51.55	50.45
23	56.10	55.15	54.85	48.35	46.85	46.90	44.20	50.25	52.05	53.00	51.60	50.00
24	55.90	55.10	54.80	48.15	46.70	47.00	44.45	50.35	52.00	52.90	51.65	49.60
25	55.80	55.15	54.80	47.90	46.55	47.15	44.35	50.50	52.00	52.65	51.70	49.15
26	55.65	55.10	54.80	47.70	46.45	47.20	44.30	50.55	52.00	52.40	51.75	48.85
27	55.45	55.00	54.75	47.55	46.40	47.40	44.30	50.60	52.05	52.05	51.85	48.60
28	55.45	54.85	54.80	47.40	46.50	47.20	44.45	50.65	52.15	51.85	51.90	48.50
29	55.45	-----	54.80	47.35	46.55	46.35	44.65	50.75	52.20	51.80	52.00	48.35
30	55.45	-----	54.75	47.25	46.65	45.45	44.85	50.45	52.25	51.75	52.10	48.25
31	55.45	-----	54.65	-----	46.85	-----	45.10	50.90	-----	51.85	-----	48.10

(Daily highest water level from recorder graph, 1958)

1	48.05	50.10	52.90	53.55	52.75	54.15	44.80	44.65	45.60	48.65	50.95	49.80
2	48.00	50.75	52.70	53.50	52.80	54.25	45.00	44.40	45.75	48.75	51.00	51.10
3	-----	50.85	52.50	53.60	52.85	54.30	45.30	44.15	45.90	48.80	50.95	51.75
4	-----	51.10	52.40	53.65	52.80	54.40	45.60	44.00	46.05	48.90	51.00	51.90
5	-----	51.30	51.30	53.70	52.65	53.90	45.85	43.70	46.15	49.00	51.10	52.00
6	-----	51.50	51.15	53.30	52.65	53.60	46.10	43.60	46.30	49.05	51.15	52.10
7	-----	51.50	52.00	53.00	52.55	53.40	46.30	43.40	46.40	49.05	51.25	52.00
8	49.10	51.70	51.95	52.85	52.65	53.25	46.45	43.45	46.45	49.15	51.30	51.95
9	49.30	51.75	51.85	52.75	52.60	53.25	46.60	43.50	46.60	49.20	51.30	52.25
10	49.45	51.80	51.85	52.70	52.55	53.70	46.15	43.55	46.80	49.30	51.20	52.55
11	49.65	52.00	51.85	52.70	52.50	53.60	46.70	43.65	47.05	49.35	51.30	52.65
12	49.85	52.20	52.55	52.75	52.50	52.75	46.40	43.85	47.25	49.45	51.50	52.80
13	49.90	52.40	52.95	52.70	52.55	51.70	46.15	44.00	47.40	49.50	52.20	52.90
14	50.00	52.50	53.15	52.65	53.10	50.20	45.90	44.25	47.50	49.65	51.80	52.80
15	50.10	52.40	52.85	52.65	53.15	48.65	45.55	44.44	47.55	49.70	51.75	52.40
16	50.30	52.35	52.60	52.80	53.45	47.10	45.35	44.30	47.65	49.75	51.55	52.35
17	50.40	52.35	52.50	52.80	53.75	45.95	45.05	44.15	47.70	49.85	51.35	52.35
18	50.55	52.50	53.05	52.85	53.90	45.40	44.80	43.95	47.80	50.00	51.20	52.45
19	50.60	52.65	53.40	52.90	54.00	45.05	44.55	43.85	47.65	50.05	51.05	52.45
20	50.60	52.70	53.50	52.75	54.00	44.85	44.30	43.70	47.65	50.10	51.00	52.50

Table 7.--Water levels in observation wells, Vigo County, Indiana, Continued

Vigo 2--Continued

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
21	50.60	52.80	53.65	52.55	54.00	44.70	44.05	43.60	47.90	50.20	50.95	52.50
22	50.50	52.95	53.75	52.40	54.15	44.55	43.80	43.60	47.95	50.00	50.90	52.40
23	50.40	52.90	53.80	52.40	54.15	44.50	43.50	43.60	48.00	50.45	50.80	51.95
24	50.30	52.85	53.80	52.55	54.15	44.60	43.50	43.75	48.05	50.55	50.75	51.65
25	50.25	53.00	53.90	52.65	54.10	44.65	43.60	43.90	48.25	50.65	50.35	51.40
26	-----	53.05	53.80	52.65	54.15	44.70	43.85	44.25	48.35	50.70	50.45	51.25
27	-----	53.05	53.75	52.60	54.20	44.65	44.20	44.55	48.45	50.65	50.25	51.20
28	-----	53.05	53.70	52.60	54.20	44.60	44.45	44.80	48.45	50.70	50.15	51.15
29	49.20	-----	53.70	52.65	54.25	44.55	44.75	45.05	48.50	50.80	50.15	51.10
30	49.30	-----	53.65	52.70	54.20	44.65	44.85	45.30	48.50	50.85	49.90	51.05
31	49.30	-----	53.55	-----	54.15	-----	44.85	45.50	-----	50.90	-----	51.00

(Daily highest water level from recorder graph, 1959)

1	50.95	50.25	45.80	46.85	45.45	46.50	47.60	48.20	49.45	49.90	50.65	53.80
2	50.90	50.00	45.90	46.95	45.00	46.60	47.55	48.20	49.45	49.90	50.65	53.85
3	50.95	49.85	46.05	46.90	44.35	46.65	47.55	48.25	49.50	49.95	50.75	54.00
4	51.45	49.75	46.25	46.75	43.95	46.85	47.60	48.25	49.55	50.00	52.45	54.10
5	-----	49.05	46.40	46.50	43.80	46.85	47.65	48.30	49.55	50.00	52.65	54.15
6	-----	49.55	46.45	46.40	43.65	47.05	47.45	48.45	49.55	50.05	52.85	54.15
7	52.10	49.65	46.60	46.35	43.50	47.05	47.60	48.40	49.50	50.15	53.00	54.10
8	52.20	49.60	46.50	46.20	43.60	46.85	47.60	48.30	49.50	50.20	53.10	54.15
9	52.30	49.55	46.45	46.25	44.00	46.95	47.75	48.30	49.35	50.15	53.05	54.25
10	52.35	49.45	46.50	46.30	44.30	47.05	47.85	48.30	49.35	50.15	53.15	54.35
11	52.30	49.10	46.95	46.90	-----	47.25	48.00	48.35	49.40	50.05	53.20	54.40
12	52.22	48.45	46.35	46.35	44.75	47.35	48.05	48.35	49.40	49.95	53.30	54.45
13	52.25	46.80	46.20	46.35	44.80	47.35	48.05	48.45	49.45	49.95	53.40	54.45
14	52.15	45.95	46.10	46.50	45.00	47.35	48.05	48.55	49.40	49.95	-----	54.35
15	52.25	45.15	46.05	46.60	45.15	47.35	48.10	48.60	49.45	49.90	53.30	54.30
16	52.40	44.55	45.95	46.75	45.25	47.55	48.15	48.65	49.50	50.00	53.15	54.20
17	52.50	44.30	45.90	46.95	45.35	47.75	48.15	48.65	49.55	50.10	53.10	54.10
18	52.45	44.15	45.90	47.05	45.35	47.90	48.20	48.70	49.55	50.05	52.95	54.10
19	52.40	44.85	45.85	47.20	45.50	47.95	48.20	48.80	49.60	50.00	53.05	54.15
20	52.45	45.00	45.85	47.20	45.80	48.00	48.20	48.90	49.65	50.05	53.10	54.15
21	-----	45.15	45.90	47.15	46.00	48.00	48.25	48.50	49.65	50.05	53.25	54.10
22	-----	45.10	45.95	46.95	46.25	48.10	48.35	48.95	49.70	50.10	53.30	54.15
23	-----	45.05	46.05	46.70	46.45	48.15	48.35	49.00	49.70	50.15	53.30	54.15
24	-----	45.30	46.25	46.60	46.35	48.05	48.35	49.05	49.75	50.25	53.35	54.25
25	-----	45.60	46.45	46.60	46.30	48.25	48.25	49.10	49.80	50.30	53.45	54.30
26	-----	45.60	46.60	46.70	46.35	48.30	48.15	49.20	49.85	50.30	53.50	54.25
27	51.50	45.70	46.75	46.70	46.45	48.35	48.20	49.30	49.85	50.45	53.65	54.30
28	51.25	45.75	46.95	-----	46.45	48.30	48.15	49.40	49.80	50.50	53.75	54.25
29	50.90	-----	46.90	46.20	46.40	48.05	48.15	49.40	49.85	50.55	53.70	54.25
30	50.75	-----	46.85	45.85	46.50	47.70	48.15	49.50	49.95	50.65	53.55	54.25
31	50.50	-----	46.80	-----	46.35	-----	48.15	49.50	-----	50.75	-----	54.15

Table 7.--Water levels in observation wells, Vigo County, Indiana, Continued

Vigo 3. (12/8W-29M1). John C. Auld. Terre Haute. NW $\frac{1}{2}$ SW $\frac{1}{2}$ sec. 29, T. 12 N., R. 8 W. Dug unused artesian well in sand lense in till, diameter 36 inches, depth 17.0 feet. Land-surface datum is 568.0 feet above msl. Highest water level is 0.28 below lsd, Feb. 16, 1956; lowest, 12.68 below lsd, Oct. 7, 1954. Records available 1945-59.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
1945		Mar. 15	1.51	1947		Nov. 2	7.49
			2.18			9	7.49
June 15	1.15		2.52	Jan. 3	4.15	16	7.65
22	1.40	Apr. 5	3.49	10	3.88	23	7.75
29	2.75	12	3.75	17	2.67	Dec. 2	7.82
July 6	3.30	19	3.91	24	2.56	7	7.88
13	3.90	26	4.01	31	1.44	15	7.89
20	3.71	May 3	1.19	Feb. 7	3.17	22	7.81
27	4.10	10	2.49	14	3.71	29	7.68
Aug. 3	2.80	17	1.07	21	3.77		
10	3.15	24	2.75	28	3.93	1948	
17	2.94	31	2.60	Mar. 7	4.21	Jan. 5	2.05
24	3.91	June 7	2.80	14	2.49	14	2.84
31	4.35	14	3.64	21	2.10	19	3.57
Sept. 7	5.05	21	3.91	28	2.60	27	4.06
14	5.24	28	4.23	Apr. 4	2.82	Feb. 2	4.27
21	5.35	July 5	4.52	11	.71	9	4.40
28	5.67	12	4.75	18	2.24	16	3.25
Oct. 4	1.84	19	5.16	25	.68	23	3.25
12	3.27	26	5.59	May 2	1.09	Mar. 1	1.73
19	3.75	Aug. 2	5.89	9	2.90	8	1.82
26	3.30	9	6.36	16	1.28	15	1.11
Nov. 2	2.80	16	6.63	June 1	2.77	22	1.03
9	1.60	23	6.94	8	1.50	29	1.35
16	1.93	30	7.28	15	3.11	Apr. 7	1.92
23	.94	Sept. 6	7.60	22	2.68	12	1.40
30	1.25	13	7.95	29	2.92	19	2.97
Dec. 7	2.04	20	8.35	July 6	3.78	24	3.72
14	3.15	27	8.67	13	4.10	May 3	4.03
22	3.40	Oct. 4	8.87	20	4.20	10	2.99
28	1.07	11	9.00	27	4.63	17	2.59
		18	9.07	Aug. 3	4.97	25	3.68
1946		25	9.12	10	5.35	June 2	4.09
		Nov. 1	9.15	17	5.62	7	4.24
Jan. 4	1.25	8	9.10	24	6.02	14	4.55
11	.55	15	9.06	31	6.49	21	4.70
18	2.75	22	9.19	Sept. 7	6.78	28	4.91
25	2.90	29	9.15	14	7.10	July 6	5.13
Feb. 1	2.71	Dec. 6	8.98	21	7.22	12	5.38
8	1.81	13	7.48	28	7.49	19	5.58
15	1.40	20	5.66	Oct. 5	7.67	26	5.29
22	1.44	27	5.30	12	7.78	Aug. 9	6.12
Mar. 1	2.25			19	7.90	16	6.40
8	2.62			26	7.90		

Table 7.--Water levels in observation wells, Vigo County, Indiana, Continued

Vigo 3--Continued

Date	Water level	Date	Water level	Date	Water level	Date	Water level
1948		1950		Nov. 16	3.00	Sept. 20	5.99
				23	1.06	27	5.65
Aug. 23	6.97	Jan. 2	1.32	30	2.75	Oct. 4	5.54
30	7.51	12	1.12	Dec. 7	1.25	11	5.18
Sept. 7	8.04	19	2.14	14	2.48	18	5.28
13	8.43	26	.94	21	3.26	25	3.23
20	8.85	Feb. 2	2.16	28	3.31	Nov. 1	3.36
27	7.84	9	1.07			8	1.24
Oct. 4	8.07	16	1.33	1951		15	1.14
11	8.29	23	1.00			22	2.28
18	7.77	Mar. 2	1.26	Jan. 4	1.20	29	1.75
25	7.27	9	2.60	11	2.26	Dec. 6	1.03
Nov. 1	7.22	16	1.38	18	.97	13	2.12
8	3.14	23	2.40	25	2.70	20	2.55
15	2.62	30	1.80	Feb. 1	3.00	27	1.27
23	2.65	Apr. 6	1.30	9	3.09		
29	2.88	13	2.60	15	1.90	1952	
Dec. 6	2.98	20	2.80	22	1.16		
13	3.29	27	3.00	Mar. 1	1.72	Jan. 3	1.23
20	1.77	May 4	2.50	8	2.37	10	2.04
27	3.04	11	2.87	15	1.10	17	1.03
		18	3.47	22	2.92	24	2.53
1949		25	3.73	29	2.33	31	2.68
		June 1	3.90	Apr. 5	3.04	Feb. 7	.66
Jan. 3	2.21	8	3.10	12	1.03	14	2.22
10	1.00	15	2.96	19	1.76	21	2.34
18	.54	22	1.39	26	2.76	28	2.74
24	.96	29	2.89	May 3	2.86	Mar. 6	2.59
31	2.68	July 6	1.99	10	1.29	13	1.82
Feb. 7	2.92	13	3.29	17	3.29	20	1.03
15	.93	20	3.13	24	3.68	27	2.26
21	2.29	27	3.75	31	3.85	Apr. 3	1.67
28	2.29	Aug. 3	4.03	June 7	3.87	10	1.82
Mar. 8	2.96	10	4.56	14	4.08	17	1.70
14	2.55	17	4.96	21	4.20	24	2.35
21	3.08	24	5.30	28	2.86	May 1	3.28
28	1.30	31	5.69	July 5	2.83	8	3.62
Apr. 4	2.26	Sept. 7	4.28	12	1.62	15	3.73
11	3.15	14	4.37	18	3.32	22	3.93
25	1.90	21	3.99	26	3.68	29	3.62
Nov. 17	2.55	28	3.20	Aug. 2	3.21	June 5	3.78
24	3.14	Oct. 5	3.66	9	3.92	12	3.80
Dec. 1	3.40	12	4.03	16	4.47	19	2.92
8	3.64	19	3.60	23	4.83	26	2.63
15	2.52	26	4.95	30	5.21	July 3	3.56
22	1.88	Nov. 2	4.17	Sept. 6	5.39	10	3.72
29	1.24	10	2.86	13	5.64	17	4.12

Table 7.--Water levels in observation wells, Vigo County, Indiana, Continued

Vigo 3--Continued

Date	Water level	Date	Water level	Date	Water level	Date	Water level
1952		May 21	2.67	Apr. 1	9.56	Feb. 10	3.37
		28	3.28	2	9.22	17	3.94
July 24	4.63	June 4	3.59	15	8.99	24	2.82
31	5.12	11	3.79	22	8.83	Mar. 3	1.94
Aug. 7	5.63	18	4.03	29	8.66	10	2.67
14	6.03	25	4.18	May 6	8.35	17	2.64
21	5.72	July 2	3.03	13	8.15	24	2.17
28	6.19	9	2.55	20	7.63	31	2.72
Sept. 4	6.36	16	3.66	27	7.87	Apr. 7	3.64
11	6.76	23	3.93	June 3	7.72	14	1.08
18	6.93	30	4.63	10	7.74	21	2.79
25	6.89	Aug. 6	4.93	17	7.75	28	2.63
Oct. 2	7.08	13	5.38	24	7.52	May 5	3.75
9	7.27	20	5.96	July 1	7.52	12	3.95
16	7.39	27	6.72	8	7.54	19	4.09
23	7.57	Sept. 3	7.29	15	7.52	26	4.14
30	7.67	10	7.92	22	7.63	June 2	3.27
Nov. 6	7.82	17	8.38	29	7.94	9	3.09
13	7.93	24	8.99	Aug. 5	8.28	16	2.33
20	7.98	Oct. 1	9.28	12	8.40	23	3.63
28	8.12	8	9.53	19	9.17	30	3.87
Dec. 4	8.13	15	9.68	26	9.94	July 7	4.07
11	5.89	22	9.83	Sept. 1	11.24	14	4.19
18	5.13	29	9.92	9	11.82	21	3.89
25	4.94	Nov. 5	10.03	16	12.22	28	4.65
		12	10.16	23	12.29	Aug. 4	5.29
1953		19	10.28	30	12.35	11	5.76
		26	10.36	Oct. 7	12.68	18	6.31
Jan. 1	4.93	Dec. 3	11.38	14	12.53	25	6.92
8	4.53	10	10.83	21	11.22	Sept. 1	7.63
15	4.09	17	10.96	28	11.05	8	8.07
22	2.72	24	11.29	Nov. 4	11.74	15	8.78
29	2.28	31	11.17	11	11.83	22	9.37
Feb. 5	2.92			18	11.85	29	9.35
12	1.29	1954		25	11.94	Oct. 6	8.99
19	2.88			Dec. 2	12.07	13	5.64
26	2.63	Jan. 7	11.22	9	12.18	20	5.62
Mar. 5	1.05	14	11.35	16	12.26	27	5.83
12	1.97	21	11.38	23	12.31	Nov. 3	2.82
19	1.25	25	11.15	30	10.24	10	3.64
26	2.15	Feb. 4	10.86			17	1.33
Apr. 3	1.12	11	10.78	1955		24	1.21
9	1.23	18	10.87			Dec. 1	3.12
16	1.63	25	10.59	Jan. 6	2.12	8	3.14
23	2.64	Mar. 4	10.65	13	1.94	15	3.35
30	2.83	11	10.18	20	3.35	22	3.74
May 7	3.07	18	9.63	27	3.81	29	3.83
14	3.56	25	9.73	Feb. 3	4.18		

Table 7.--Water levels in observation wells, Vigo County, Indiana, Continued

Vigo 3--Continued

Date	Water level	Date	Water level	Date	Water level	Date	Water level
1956		Apr. 21	1.00	Mar. 2	3.10	Jan. 25	3.47
			28		9	Feb. 1	3.29
Jan. 5	3.74	May 5	3.32		16	8	3.34
	12		12		23	15	1.39
	19		19		30	22	3.09
	26		26	Apr. 6	2.50	Mar. 1	1.65
Feb. 2	2.08	June 2	1.75		13	8	2.23
	9		9		20	15	3.29
	16		16		27	29	2.99
	23		23	May 4	3.93	Apr. 5	2.35
Mar. 1	2.11	July 9	3.42		11	12	3.03
	8		14		18	19	3.37
	15		21		25	26	3.70
	22		28	June 1	3.82	May 3	3.99
	29		28		8	10	4.50
Apr. 5	1.91	Aug. 4	2.32		15	17	4.64
	12		11		22	24	4.73
	19		18		29	31	2.30
	26		25	July 6	3.27	June 7	3.77
May 3	2.85	Sept. 2	5.15		13	14	3.26
	10		8		20	21	4.10
	17		15		27	28	4.40
	24		22	Aug. 3	1.57	July 5	4.69
	31		29		10	12	4.99
June 7	3.07	Oct. 6	6.27		17	19	5.33
	14		13		24	26	5.61
	21		20		31	Aug. 2	5.96
	28		27	Sept. 7	3.15	9	5.98
July 5	3.74	Nov. 3	6.08		14	16	6.34
	12		10		21	23	6.67
	19		17		28	30	7.02
	26		24	Oct. 5	3.95	Sept. 6	6.53
Aug. 2	3.29	Dec. 1	3.35		12	13	6.37
	9		8		19	20	6.77
	16		15		26	Oct. 4	7.28
	23		22	Nov. 2	4.35	11	5.39
	30		29		9	18	5.40
Sept. 13	4.53				16	25	5.43
		1958			23	Nov. 1	5.15
1957					30	8	3.57
		Jan. 5	3.19	Dec. 7	2.65	15	1.93
Mar. 3	2.40		12		14	22	3.05
	10		19		21	29	3.45
	17		26		28	Dec. 6	3.15
	24	Feb. 2	2.87			13	1.55
	31		9	1959		20	2.25
Apr. 7	1.33		16	Jan. 4	4.05	27	2.23
	14		23		11		
					18		

Table 7.--Water levels in observation wells, Vigo County, Indiana, Continued

Vigo 4. (13/9W-34C5). Spelerville Development Company. Terre Haute. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 34, T. 13 N., R. 9 W. Drilled unused water table well in glacio-fluvial sand and gravel, diameter 6 inches, depth 100.8 feet. Land-surface datum is 518.5 feet above msl. Recording gage installed July 19, 1955. Highest water level is 50.48 below lsd, June 21-22, 1958; lowest, 62.82 below lsd, Sept. 29, 1955. Records available: 1955-59.

(Daily highest water level from recorder graph, 1955)

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	61.79	-----
2	-----	-----	-----	-----	-----	-----	-----	-----	62.04	-----	61.80	-----
3	-----	-----	-----	-----	-----	-----	-----	-----	-----	62.67	61.80	-----
4	-----	-----	-----	-----	-----	-----	-----	-----	-----	62.66	61.73	-----
5	-----	-----	-----	-----	-----	-----	-----	-----	-----	62.66	61.63	-----
6	-----	-----	-----	-----	-----	-----	-----	-----	-----	62.63	61.54	60.38
7	-----	-----	-----	-----	-----	-----	-----	-----	-----	62.59	61.40	60.37
8	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	61.31	60.37
9	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	61.25	60.39
10	-----	-----	-----	-----	-----	-----	-----	-----	62.27	62.17	61.19	60.40
11	-----	-----	-----	-----	-----	-----	-----	-----	62.30	62.03	61.18	60.42
12	-----	-----	-----	-----	-----	-----	-----	-----	62.33	61.92	61.17	60.43
13	-----	-----	-----	-----	-----	-----	-----	-----	62.35	61.82	61.17	60.47
14	-----	-----	-----	-----	-----	-----	-----	-----	62.39	-----	61.15	60.48
15	-----	-----	-----	-----	-----	-----	-----	61.36	62.43	-----	61.15	60.51
16	-----	-----	-----	-----	-----	-----	-----	-----	62.45	-----	61.14	60.54
17	-----	-----	-----	-----	-----	-----	-----	-----	62.48	-----	61.07	60.55
18	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	60.95	60.59
19	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	60.84	60.63
20	-----	-----	-----	-----	-----	-----	60.73	61.53	-----	-----	60.74	60.66
21	-----	-----	-----	-----	-----	-----	60.68	-----	-----	-----	60.63	60.69
22	-----	-----	-----	-----	-----	-----	60.67	-----	-----	-----	60.54	60.72
23	-----	-----	-----	-----	-----	-----	60.66	-----	62.67	-----	60.49	60.75
24	-----	-----	-----	-----	-----	-----	60.66	-----	62.69	-----	60.42	60.78
25	-----	-----	-----	-----	-----	-----	60.67	-----	62.71	-----	60.39	60.83
26	-----	-----	-----	-----	-----	-----	-----	61.76	62.74	-----	60.33	60.86
27	-----	-----	-----	-----	-----	-----	60.69	61.79	62.76	-----	60.31	60.88
28	-----	-----	-----	-----	-----	-----	-----	-----	62.78	-----	60.29	60.90
29	-----	-----	-----	-----	-----	-----	-----	-----	62.79	-----	60.29	60.90
30	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	60.94
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	60.97

(Daily highest water level from recorder graph, 1956)

1	60.99	61.78	59.18	58.54	59.27	-----	57.99	58.96	60.34	61.42	62.22	62.57
2	61.01	61.79	59.04	58.55	59.22	-----	58.05	59.00	60.38	61.46	62.23	62.57
3	61.07	61.80	58.91	58.46	-----	-----	58.09	59.05	60.41	61.51	62.25	62.58
4	61.11	61.80	58.77	58.48	59.16	-----	58.16	59.07	60.45	61.53	62.27	62.58
5	61.13	61.80	58.65	58.49	59.08	-----	58.21	59.10	60.49	61.56	62.29	62.58

Table 7.--Water levels in observation wells, Vigo County, Indiana, Continued

Vigo 4--Continued

Day:	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
6	61.16	61.80	58.63	58.49	59.04	-----	58.26	59.14	60.53	61.59	62.30	62.60
7	61.19	61.81	58.51	58.54	59.03	-----	58.29	59.17	60.57	61.63	62.35	62.60
8	61.23	61.77	58.45	58.55	59.02	-----	-----	59.21	60.62	61.65	62.38	62.59
9	61.25	61.76	-----	58.56	59.00	-----	-----	59.26	60.64	61.67	62.38	-----
10	61.28	61.73	-----	58.56	59.03	-----	59.42	59.30	60.68	61.69	62.40	62.48
11	61.30	61.68	-----	58.55	59.06	-----	58.46	59.36	60.72	61.71	62.41	62.45
12	61.33	61.62	-----	58.58	59.08	-----	58.51	59.40	60.76	61.73	62.44	62.42
13	61.36	61.52	58.10	58.61	59.10	-----	58.58	59.46	60.80	61.75	62.46	62.39
14	61.39	61.44	58.07	58.62	59.11	-----	58.62	59.51	60.85	61.78	62.47	62.35
15	61.42	61.38	-----	58.64	59.08	-----	58.66	59.56	-----	61.80	62.49	62.34
16	61.45	61.22	-----	58.67	59.10	58.03	58.69	59.60	-----	61.85	62.52	62.32
17	61.48	61.09	-----	58.74	59.08	58.10	58.67	59.66	-----	61.87	62.52	62.31
18	61.50	60.93	-----	58.78	59.12	58.17	58.63	59.68	-----	61.87	62.53	-----
19	61.51	60.76	-----	58.83	59.15	58.25	58.61	59.75	-----	61.92	62.54	-----
20	61.55	60.60	58.22	58.87	59.19	58.31	58.61	59.78	61.06	61.94	62.54	-----
21	61.57	60.43	58.23	58.91	59.22	58.36	58.62	59.81	61.12	61.95	62.56	62.25
22	61.61	60.27	58.26	58.96	59.25	58.37	58.65	59.88	61.14	61.97	62.56	62.23
23	61.63	60.10	58.28	59.01	59.29	58.18	58.68	59.93	61.16	62.02	-----	62.23
24	61.65	-----	58.32	59.06	59.32	58.00	-----	59.97	61.20	62.03	62.54	62.21
25	61.67	-----	58.38	59.11	59.30	57.94	58.69	60.00	61.22	62.06	62.54	62.19
26	61.70	-----	58.39	59.12	59.30	57.92	58.70	60.05	61.26	62.07	62.55	62.17
27	61.74	-----	58.42	59.16	59.30	57.93	58.72	60.09	61.29	62.10	62.55	62.16
28	61.75	-----	58.44	59.20	59.21	57.94	58.75	60.15	61.33	62.11	62.55	62.14
29	61.77	59.34	58.46	59.25	59.09	57.95	-----	60.19	-----	62.14	62.56	62.14
30	61.77	-----	58.48	59.30	58.96	57.97	-----	-----	61.29	62.16	62.57	62.12
31	61.77	-----	58.52	-----	58.80	-----	-----	60.29	-----	62.21	-----	62.13

(Daily highest water level from recorder graph, 1957)

1	62.13	-----	60.77	60.79	54.03	55.32	-----	54.46	57.68	59.30	59.75	59.30
2	62.14	-----	60.66	60.75	54.01	55.34	-----	54.61	57.75	59.34	59.75	59.32
3	62.14	-----	60.55	60.63	54.01	55.41	-----	54.71	57.83	59.38	59.75	59.33
4	62.16	-----	60.48	60.38	54.02	55.48	-----	54.84	57.90	59.43	59.77	59.38
5	62.17	61.47	60.43	59.86	54.12	55.57	-----	54.95	57.98	59.48	59.79	59.39
6	62.18	-----	60.40	59.26	54.32	55.66	-----	55.06	58.05	59.52	59.82	59.41
7	62.18	-----	60.38	58.68	54.51	55.77	-----	55.18	58.12	59.56	59.85	59.42
8	62.20	-----	60.38	58.29	54.69	55.85	-----	55.29	-----	59.61	59.85	59.34
9	62.21	61.40	60.38	57.81	54.85	55.95	-----	55.41	-----	59.65	59.91	59.21
10	62.23	61.38	60.38	57.29	54.98	56.04	52.11	55.52	58.36	59.73	59.94	59.06
11	62.23	61.35	60.38	56.77	55.14	56.12	52.15	-----	58.44	59.76	59.95	-----
12	62.25	61.24	60.42	-----	55.27	56.07	52.19	-----	58.52	59.79	59.95	-----
13	62.25	61.17	60.45	-----	55.25	56.03	52.30	-----	58.58	59.84	59.93	-----
14	62.26	61.09	60.48	-----	55.20	55.92	52.51	56.00	58.65	59.88	59.90	-----
15	62.27	61.05	50.55	-----	55.13	55.84	52.62	56.10	58.69	59.92	59.86	-----
16	62.29	61.01	60.56	-----	55.09	55.72	52.59	56.22	58.76	59.96	59.80	-----

Table 7.--Water levels in observation wells, Vigo County, Indiana, Continued

Vigo 4--Continued

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
17	62.30	60.97	60.58	-----	55.05	55.65	52.63	56.31	58.82	60.00	59.69	-----
18	62.32	-----	60.59	-----	55.09	55.61	52.70	56.43	58.88	60.04	59.60	-----
19	62.34	-----	60.61	54.96	55.17	55.58	52.86	56.53	58.93	60.07	59.50	-----
20	-----	-----	60.63	54.99	55.25	55.58	52.97	56.63	58.99	60.11	59.42	-----
21	-----	-----	60.64	54.95	55.21	55.63	53.06	56.72	59.03	60.14	59.36	-----
22	-----	-----	60.66	54.79	-----	55.73	53.21	56.82	59.08	60.16	59.30	-----
23	-----	-----	60.69	54.66	-----	55.80	53.39	56.93	59.10	60.15	59.28	-----
24	-----	-----	60.74	54.44	-----	55.88	53.56	56.99	59.12	60.12	59.26	55.76
25	62.05	60.94	60.78	54.25	-----	55.96	-----	57.09	59.14	60.08	59.25	-----
26	61.93	60.94	60.82	54.14	-----	56.04	-----	57.19	59.15	60.02	59.22	-----
27	61.81	60.90	60.83	54.09	54.86	55.73	53.76	57.28	59.20	-----	59.23	-----
28	61.70	60.85	60.83	54.08	54.91	-----	53.88	57.39	59.22	-----	59.24	-----
29	-----	-----	60.83	54.08	55.03	-----	54.02	57.45	59.23	-----	59.25	-----
30	-----	-----	60.84	54.08	55.15	-----	54.15	57.53	59.26	-----	59.28	-----
31	-----	-----	60.82	-----	55.27	-----	54.30	57.61	-----	-----	-----	-----

(Daily highest water level from recorder graph, 1958)

1	-----	56.50	58.46	58.93	59.49	59.90	51.36	53.68	54.81	57.14	58.61	-----
2	-----	56.57	58.44	58.94	59.52	59.95	51.56	53.60	54.92	57.20	58.64	-----
3	-----	56.66	58.40	58.96	59.55	59.99	51.80	53.51	55.04	57.25	58.69	-----
4	-----	56.75	58.38	58.98	59.53	60.02	52.13	53.42	55.14	57.31	58.72	58.08
5	-----	-----	58.37	58.98	59.48	60.06	52.46	53.34	55.26	57.39	58.77	58.08
6	-----	-----	58.38	59.01	59.44	60.11	52.76	53.26	55.35	57.47	58.72	58.11
7	-----	-----	58.41	59.05	59.41	60.14	53.01	53.22	55.45	57.50	58.86	58.12
8	-----	-----	58.43	59.06	59.37	60.18	53.26	53.26	55.54	57.54	58.89	58.13
9	-----	-----	58.46	59.06	59.33	60.21	53.51	53.28	55.63	57.59	58.93	58.15
10	-----	-----	58.50	59.07	59.31	60.15	53.72	53.31	55.73	57.65	58.98	58.20
11	-----	56.27	58.52	59.08	59.30	60.15	53.90	53.39	55.80	57.70	59.01	58.23
12	-----	57.36	58.55	59.09	59.30	59.92	54.01	53.48	55.89	57.73	59.04	58.25
13	-----	57.44	58.57	59.10	59.33	58.92	54.03	53.60	55.99	57.77	59.09	58.31
14	-----	57.53	58.60	59.11	59.34	56.89	54.00	53.70	56.07	57.81	59.12	58.34
15	-----	57.60	58.63	59.12	59.35	54.59	53.98	53.80	56.17	57.85	59.15	58.39
16	-----	57.68	58.66	59.15	59.38	52.80	53.95	53.85	56.25	57.89	59.18	58.42
17	-----	57.75	58.70	59.16	59.40	51.70	53.89	53.84	56.32	57.94	59.10	58.46
18	-----	57.85	58.74	59.18	59.43	51.06	53.81	53.82	56.40	57.99	59.02	58.50
19	-----	57.93	58.77	59.21	59.46	50.71	53.68	53.77	56.43	58.03	58.96	58.51
20	-----	58.00	58.81	59.24	59.49	50.52	53.47	53.70	-----	58.07	58.85	58.55
21	55.95	58.07	58.84	59.27	59.53	50.48	53.20	53.67	-----	58.10	58.78	58.59
22	55.99	58.13	58.88	59.29	59.56	50.48	52.99	53.67	-----	58.15	58.72	58.62
23	56.07	58.19	58.92	59.31	59.60	50.50	52.86	53.72	56.65	58.20	58.69	58.64
24	56.12	58.25	58.96	59.34	59.62	50.57	52.82	53.85	56.72	58.25	58.67	58.69
25	56.14	58.31	58.99	59.40	59.66	50.64	52.82	54.00	56.77	58.30	58.66	58.73
26	56.16	58.34	58.98	59.41	59.69	50.75	52.90	54.11	56.85	58.35	58.57	58.76
27	56.20	58.37	58.97	59.42	59.70	50.83	53.02	54.23	56.91	58.40	58.47	58.79
28	56.27	58.42	58.96	59.43	59.76	50.93	53.18	54.36	56.98	58.45	-----	58.82

Table 7.--Water levels in observation wells, Vigo County, Indiana, Continued

Vigo 4--Continued

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
29	56.31	-----	58.95	59.46	59.81	51.05	53.43	54.46	57.02	58.49	-----	58.87
30	56.38	-----	58.94	59.48	59.83	51.19	53.66	54.58	57.08	58.53	-----	58.90
31	56.44	-----	58.93	-----	59.84	-----	53.81	54.70	-----	58.57	-----	58.93

(Daily highest water level from recorder graph, 1959)

1	58.95	-----	52.01	54.98	55.06	56.05	-----	59.43	60.29	60.85	60.87	60.28
2	58.98	-----	52.22	55.00	54.42	56.14	-----	59.47	60.30	60.85	60.88	60.30
3	59.00	-----	52.45	55.06	53.77	56.22	-----	59.50	60.33	60.86	60.90	60.32
4	59.03	-----	52.69	55.01	53.42	56.31	-----	59.54	60.35	60.87	60.90	60.33
5	59.06	-----	52.85	54.98	53.21	56.39	-----	59.56	60.37	60.88	60.89	60.35
6	59.07	-----	53.02	54.91	53.17	56.49	58.28	59.59	60.40	60.89	60.89	60.37
7	59.10	-----	53.22	54.83	53.16	56.58	58.34	59.62	60.42	60.90	60.86	60.38
8	59.12	-----	53.34	54.80	53.16	56.68	58.40	-----	60.45	60.91	60.84	60.40
9	59.16	-----	53.45	54.70	53.17	-----	-----	-----	60.47	60.93	60.82	60.42
10	59.18	-----	53.54	54.72	53.25	56.82	58.50	-----	60.49	60.94	60.80	60.43
11	59.20	-----	53.60	54.80	53.43	56.90	58.46	-----	60.51	60.91	60.79	60.45
12	59.22	-----	53.64	54.86	53.63	56.97	58.61	-----	60.52	60.87	60.78	60.44
13	59.24	-----	53.68	54.94	53.88	57.03	58.66	-----	60.55	60.85	60.77	60.40
14	59.25	-----	53.64	55.02	54.09	57.09	58.70	-----	60.56	60.82	60.74	60.35
15	59.28	-----	53.71	55.10	54.26	57.16	58.77	-----	60.59	60.79	60.67	60.29
16	59.29	-----	53.76	55.19	54.39	57.22	58.81	-----	60.61	60.77	60.61	60.21
17	59.31	51.30	53.79	55.27	54.52	57.29	58.89	-----	60.64	60.76	60.53	60.12
18	59.30	51.17	53.77	55.36	54.64	57.36	58.93	-----	60.67	60.76	60.46	60.08
19	59.33	51.13	53.74	55.45	54.76	57.44	58.98	-----	60.69	60.75	60.38	60.05
20	59.30	51.09	53.77	55.53	54.94	57.52	59.02	-----	60.71	60.76	60.33	60.03
21	59.18	51.09	53.83	55.57	55.06	57.57	59.08	-----	60.73	60.77	60.32	60.02
22	59.00	51.08	53.97	55.52	55.19	57.66	59.13	-----	60.75	60.78	60.28	60.00
23	58.79	51.09	54.11	55.48	55.32	57.73	59.16	-----	60.78	60.79	60.25	-----
24	58.62	51.25	54.22	55.47	55.50	57.79	59.20	-----	60.80	60.80	60.26	-----
25	58.45	51.38	54.37	55.53	55.55	-----	59.23	-----	60.81	60.81	60.26	60.03
26	58.32	51.50	54.51	55.61	55.63	-----	59.26	-----	60.83	60.81	60.26	60.03
27	58.15	51.65	54.63	55.67	55.72	-----	59.30	-----	60.84	60.83	60.26	60.03
28	57.99	51.83	54.77	55.67	55.77	-----	59.32	60.17	60.85	60.84	60.26	60.04
29	57.32	-----	54.85	55.59	55.84	-----	59.34	60.21	60.85	60.84	60.27	60.01
30	-----	-----	54.90	55.48	55.91	-----	59.37	60.23	60.85	60.85	60.27	59.96
31	-----	-----	54.95	-----	55.99	-----	59.40	60.26	-----	60.85	-----	59.90

Vigo 5. (11/9W-34P1). Firman Equipment Corp. Youngstown. SE $\frac{1}{2}$ SW $\frac{1}{2}$ sec. 34, T. 11 N., R. 9 W. Drilled unused artesian well in sandstone, diameter 8 inches, depth 98.5 feet. Land-surface datum is 575.8 feet above msl. Recording gage installed July 21, 1955. Highest water level is 4.26 below lsd, Mar. 13-15, 1959; lowest, 12.76 below lsd, Nov. 20, 1956. Records available: 1955-59.

Table 7.--Water levels in observation wells, Vigo County, Indiana, Continued

Vigo 5--Continued

(Daily highest water level from recorder graph, 1955)

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	-----	-----	-----	-----	-----	-----	-----	7.15	-----	-----	7.26	-----
2	-----	-----	-----	-----	-----	-----	-----	7.19	-----	-----	e7.01	-----
3	-----	-----	-----	-----	-----	-----	-----	7.23	-----	-----	6.64	-----
4	-----	-----	-----	-----	-----	-----	-----	7.27	-----	-----	6.40	-----
5	-----	-----	-----	-----	-----	-----	-----	7.32	-----	h8.11	6.27	-----
6	-----	-----	-----	-----	-----	-----	-----	7.37	-----	-----	6.27	-----
7	-----	-----	-----	-----	-----	-----	-----	7.40	h8.68	-----	6.27	h5.18
8	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	6.29	-----
9	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	6.33	-----
10	-----	-----	-----	-----	-----	-----	-----	7.40	8.83	-----	6.29	-----
11	-----	-----	-----	-----	-----	-----	-----	7.33	8.90	-----	6.29	-----
12	-----	-----	-----	-----	-----	-----	-----	7.31	8.98	h6.96	6.35	-----
13	-----	-----	-----	-----	-----	-----	-----	7.30	-----	-----	6.43	-----
14	-----	-----	-----	-----	-----	-----	-----	7.33	h9.14	-----	-----	h5.65
15	-----	-----	-----	-----	-----	-----	-----	7.39	-----	-----	-----	-----
16	-----	-----	-----	-----	-----	-----	-----	7.43	-----	-----	h6.10	5.74
17	-----	-----	-----	-----	-----	-----	-----	7.46	-----	-----	-----	-----
18	-----	-----	-----	-----	-----	-----	-----	7.49	-----	-----	-----	-----
19	-----	-----	-----	-----	-----	-----	-----	7.57	-----	h7.10	-----	-----
20	-----	-----	-----	-----	-----	-----	-----	7.61	-----	-----	-----	-----
21	-----	-----	-----	-----	-----	-----	-----	7.65	h9.55	-----	-----	-----
22	-----	-----	-----	-----	-----	-----	6.88	7.71	-----	-----	h5.29	5.99
23	-----	-----	-----	-----	-----	-----	-----	e7.72	-----	-----	-----	5.99
24	-----	-----	-----	-----	-----	-----	-----	7.83	-----	-----	-----	6.00
25	-----	-----	-----	-----	-----	-----	-----	7.88	-----	-----	-----	6.03
26	-----	-----	-----	-----	-----	-----	-----	7.94	-----	h7.25	-----	6.11
27	-----	-----	-----	-----	-----	-----	-----	7.99	-----	-----	-----	-----
28	-----	-----	-----	-----	-----	-----	-----	8.03	-----	-----	-----	h6.09
29	-----	-----	-----	-----	-----	-----	7.01	8.08	h8.91	-----	-----	-----
30	-----	-----	-----	-----	-----	-----	7.03	8.12	-----	7.22	h5.59	-----
31	-----	-----	-----	-----	-----	-----	7.09	8.20	-----	7.24	-----	-----

(Daily highest water level from recorder graph, 1956)

1	-----	-----	4.76	-----	5.48	5.69	6.50	7.97	9.50	11.06	12.34	12.51
2	-----	h5.69	4.77	5.06	5.46	5.69	6.55	8.01	9.56	11.08	12.39	12.53
3	-----	-----	4.85	4.97	5.47	5.69	6.62	8.06	9.63	11.13	12.44	12.54
4	h6.05	-----	4.97	-----	5.50	5.75	6.68	8.11	-----	11.19	12.50	12.57
5	-----	-----	5.03	-----	5.58	5.82	6.73	8.15	-----	11.27	12.53	12.61
6	-----	-----	5.05	-----	5.63	5.91	6.78	8.19	9.85	11.30	12.54	-----
7	-----	-----	5.09	-----	5.66	5.98	6.83	8.27	9.94	11.33	12.56	-----
8	-----	-----	5.19	-----	5.71	6.05	6.85	8.32	10.01	11.41	12.60	-----
9	-----	h4.88	-----	-----	5.73	6.14	6.88	8.38	10.08	11.45	12.64	-----
10	-----	-----	5.33	5.02	5.74	6.23	6.93	8.40	10.15	11.55	12.65	-----

Table 7.--Water levels in observation wells, Vigo County, Indiana, Continued

Vigo 5--Continued

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
11	h6.17	-----	-----	5.01	5.81	-----	6.99	8.45	10.19	11.59	12.66	10.39
12	-----	-----	-----	5.02	5.87	6.40	7.03	8.50	10.25	11.62	12.67	10.30
13	-----	-----	-----	5.08	5.93	6.47	7.04	8.52	10.29	11.66	12.74	10.27
14	-----	-----	-----	-----	5.99	6.53	7.06	8.53	10.37	11.67	12.74	10.22
15	-----	-----	-----	-----	6.08	6.59	7.11	8.54	10.33	11.71	12.74	10.17
16	-----	-----	h4.92	-----	6.09	6.65	7.12	8.61	10.33	11.75	12.74	10.17
17	-----	-----	-----	5.28	6.12	6.70	7.13	8.66	10.34	11.79	12.74	-----
18	h6.32	-----	-----	5.35	6.18	6.74	7.19	8.71	10.41	11.83	12.74	10.18
19	-----	-----	-----	5.45	6.22	6.78	7.24	8.78	10.43	11.88	12.75	10.17
20	-----	-----	-----	5.53	6.31	6.73	7.27	8.85	10.45	11.93	-----	10.07
21	-----	h4.69	-----	-----	6.34	6.69	7.31	8.91	10.54	11.97	-----	9.97
22	-----	-----	-----	-----	6.37	6.41	7.37	8.96	10.56	12.00	-----	9.90
23	-----	-----	-----	-----	6.41	6.23	7.43	8.99	10.61	12.04	-----	9.84
24	-----	-----	-----	5.81	6.47	6.18	7.46	9.06	10.68	12.11	-----	9.82
25	-----	-----	-----	5.84	6.55	6.18	7.56	9.15	10.73	12.16	-----	9.78
26	-----	-----	-----	5.81	6.54	6.19	7.60	9.20	10.80	12.18	-----	9.73
27	6.45	-----	5.07	-----	6.34	6.23	7.66	9.24	10.85	12.20	-----	9.69
28	6.36	-----	5.12	-----	6.05	6.31	7.72	9.28	-----	12.24	12.43	9.65
29	-----	4.72	5.19	-----	5.91	6.39	7.78	9.35	10.94	12.26	12.46	9.68
30	-----	-----	-----	5.55	5.84	6.44	7.85	9.41	10.97	12.29	12.49	9.65
31	-----	-----	-----	-----	5.72	-----	7.92	9.45	-----	12.31	-----	9.64

(Daily highest water level from recorder graph, 1957)

1	-----	7.86	-----	-----	5.68	5.63	5.16	5.59	6.52	7.35	7.17	5.75
2	-----	7.79	-----	h5.44	5.76	5.65	5.27	5.62	6.55	7.37	7.19	5.79
3	-----	7.71	-----	-----	5.87	5.69	5.69	5.40	5.53	6.56	7.41	5.76
4	9.70	7.72	6.36	-----	5.98	5.75	5.51	5.30	6.60	7.44	7.26	5.78
5	9.71	7.68	6.36	-----	6.08	5.82	5.61	5.25	6.68	7.48	7.29	5.79
6	9.72	7.60	6.38	-----	6.16	5.88	5.75	5.25	6.74	7.51	7.33	5.71
7	9.72	7.56	6.41	-----	6.26	5.93	5.85	5.32	6.76	7.52	7.29	-----
8	9.69	7.48	6.44	-----	6.30	5.98	5.95	5.41	6.79	7.55	7.18	-----
9	9.64	7.32	6.47	-----	6.36	6.01	5.96	5.51	6.83	7.60	7.07	5.14
10	9.65	7.20	6.54	-----	6.39	6.05	6.01	5.59	6.86	7.64	7.03	5.10
11	-----	7.11	6.52	-----	6.42	-----	6.04	5.67	6.92	7.68	6.99	5.13
12	9.55	7.01	6.54	-----	6.47	5.57	6.07	5.80	6.91	7.72	6.95	5.21
13	9.51	6.97	6.58	-----	6.52	5.31	6.01	5.90	6.92	7.75	6.78	5.26
14	9.50	6.97	6.56	-----	6.54	5.27	5.92	5.95	6.96	7.76	6.40	5.32
15	9.48	6.97	6.52	-----	6.55	-----	5.84	6.00	6.97	7.77	-----	5.42
16	9.50	6.97	6.44	5.21	6.62	-----	5.78	6.07	6.97	7.65	6.14	5.45
17	9.46	6.99	6.39	5.16	-----	-----	5.73	6.14	7.02	7.63	6.02	5.23
18	9.47	7.01	6.28	5.07	6.64	-----	5.72	6.20	7.07	7.64	5.72	4.82
19	9.53	7.01	6.22	5.04	6.46	-----	-----	6.25	-----	-----	5.63	4.57
20	9.55	7.05	6.22	5.04	6.16	5.25	-----	6.30	-----	7.68	-----	4.47

Table 7.--Water levels in observation wells, Vigo County, Indiana, Continued

Vigo 5--Continued

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
21	9.48	7.09	6.17	5.08	-----	5.34	-----	6.36	-----	7.70	-----	4.50
22	9.00	7.09	6.14	5.09	-----	5.46	-----	6.43	7.08	7.71	-----	4.52
23	8.52	7.12	6.13	5.10	5.35	5.59	-----	6.48	7.12	7.40	-----	4.53
24	8.20	7.11	6.14	5.12	5.22	5.71	-----	6.45	7.17	7.24	5.42	4.59
25	8.07	7.07	5.97	5.13	5.13	5.75	-----	6.45	7.20	7.16	5.47	4.63
26	8.03	6.85	5.57	5.21	5.09	5.81	-----	6.50	7.21	7.14	5.49	4.46
27	7.98	6.57	5.49	5.30	5.10	5.86	-----	6.54	7.27	7.14	5.53	4.42
28	7.93	6.41	-----	5.41	5.20	5.41	-----	6.49	7.31	7.15	5.57	4.38
29	7.91	-----	-----	5.51	5.30	5.16	-----	6.48	7.33	7.11	5.60	4.39
30	7.91	-----	-----	5.60	5.43	5.15	5.61	6.48	7.34	7.10	5.67	4.43
31	7.86	-----	-----	-----	5.55	-----	5.59	6.50	-----	7.11	-----	4.47

(Daily highest water level from recorder graph, 1958)

1	4.50	4.92	-----	5.29	5.60	5.70	-----	4.53	5.92	5.92	6.05	4.83
2	-----	4.99	-----	5.33	5.60	5.71	-----	4.37	5.96	5.96	6.05	4.76
3	4.73	5.06	5.93	5.37	5.55	5.74	-----	4.34	5.97	5.96	6.07	4.63
4	4.90	5.14	5.94	5.41	5.46	5.77	-----	4.34	5.97	5.96	6.08	4.56
5	5.01	5.18	5.93	5.41	5.12	5.81	-----	4.42	6.00	5.99	6.08	4.54
6	5.06	5.21	5.92	5.39	4.90	5.85	-----	4.58	6.02	6.04	6.11	4.57
7	5.09	5.26	5.88	5.39	4.82	5.88	-----	4.73	6.03	6.05	6.16	4.68
8	5.18	5.33	5.83	5.43	4.82	5.90	-----	4.87	6.08	6.05	6.13	4.74
9	5.25	5.41	5.81	5.43	4.84	5.90	4.80	5.01	-----	6.04	6.11	4.82
10	5.31	5.45	5.83	5.43	4.95	5.73	-----	5.11	-----	5.78	6.14	4.97
11	5.39	5.49	5.86	5.44	5.06	5.73	-----	5.21	6.18	5.66	6.21	5.06
12	5.47	5.55	5.89	5.50	5.15	5.73	-----	5.32	6.22	5.63	6.23	5.10
13	5.52	5.63	5.86	5.58	5.27	-----	-----	5.38	6.25	5.60	6.23	5.19
14	5.52	5.69	5.88	5.63	5.39	-----	-----	5.22	6.28	5.52	-----	5.29
15	5.56	5.72	5.91	5.66	5.47	-----	-----	5.01	6.31	5.48	-----	5.38
16	5.67	5.79	5.92	5.71	5.51	-----	-----	4.86	6.24	5.48	-----	5.43
17	5.69	5.86	5.94	5.76	5.42	-----	-----	4.85	6.02	5.49	5.44	5.47
18	5.71	5.92	5.96	5.80	5.41	-----	-----	4.86	5.88	5.54	5.08	5.53
19	5.75	5.97	6.00	5.82	5.42	-----	-----	4.95	5.80	5.61	4.99	5.55
20	5.72	6.02	6.01	5.83	5.48	-----	-----	5.08	5.75	5.63	4.97	5.58
21	5.34	6.07	6.03	5.82	5.54	-----	-----	5.16	5.75	5.68	4.97	5.69
22	5.03	6.07	6.05	5.79	5.62	-----	4.68	5.24	5.78	5.71	4.98	5.72
23	4.91	6.10	6.08	5.78	5.64	-----	4.68	5.33	5.81	5.75	5.03	5.72
24	4.79	6.09	5.83	5.75	5.71	-----	4.71	5.37	5.84	5.79	5.04	5.74
25	4.78	6.10	5.45	5.80	5.75	-----	4.77	5.46	5.86	5.83	5.03	5.79
26	4.75	6.07	5.25	5.80	5.81	-----	4.87	5.53	5.91	5.86	4.85	5.84
27	4.74	5.99	5.24	5.76	5.82	-----	5.00	5.60	5.91	5.90	4.79	5.84
28	4.74	5.98	5.23	5.69	5.80	-----	5.06	5.65	5.91	5.95	4.74	5.86
29	4.78	-----	5.24	5.68	5.77	-----	5.03	5.71	5.89	5.99	4.76	5.88
30	4.83	-----	5.25	5.62	-----	-----	5.01	5.77	5.89	6.05	4.83	5.94
31	4.89	-----	5.25	-----	5.72	-----	4.73	5.83	-----	6.06	-----	5.84

Table 7.--Water levels in observation wells, Vigo County, Indiana, Continued

Vigo 5--Continued

(Daily highest water level from recorder graph, 1959)

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	5.75	-----	4.63	5.07	-----	5.95	-----	7.43	8.68	9.59	10.06	8.78
2	5.71	-----	4.61	4.74	-----	5.97	-----	7.49	8.67	9.62	10.06	8.78
3	5.70	-----	4.62	4.66	-----	6.01	-----	7.47	8.73	9.64	10.07	8.79
4	5.70	-----	4.71	4.64	-----	6.04	-----	7.43	8.79	9.70	9.97	8.77
5	5.76	-----	4.67	4.64	-----	6.05	-----	7.42	8.84	9.72	9.97	8.75
6	-----	-----	4.67	4.68	-----	6.06	-----	7.42	8.88	9.73	9.99	8.73
7	5.75	-----	4.69	4.77	-----	6.06	e6.67	7.42	8.94	9.75	10.05	8.72
8	5.76	-----	4.67	4.89	5.81	6.06	6.68	7.43	9.00	9.77	10.04	8.72
9	5.80	-----	4.50	5.00	5.85	e5.96	6.70	7.46	9.05	9.84	10.01	8.74
10	5.82	-----	4.40	5.05	5.83	5.97	6.74	7.52	8.96	9.85	9.97	8.73
11	5.85	-----	4.29	5.10	5.83	5.90	6.76	7.56	8.92	9.85	9.97	-----
12	5.88	-----	4.28	5.15	5.80	5.84	6.80	7.61	8.91	9.83	9.92	-----
13	5.88	-----	4.26	5.18	5.78	5.84	6.85	7.67	8.91	9.81	9.66	-----
14	5.72	-----	4.26	5.23	5.78	-----	6.90	7.73	8.91	9.81	9.48	-----
15	5.63	-----	4.26	5.30	5.79	-----	6.93	7.78	8.91	9.83	9.18	-----
16	5.52	-----	4.33	5.35	5.83	-----	6.95	7.83	8.97	9.86	9.07	-----
17	5.51	4.37	4.39	5.41	5.85	-----	6.95	7.82	9.07	9.88	9.05	-----
18	5.51	4.37	4.53	5.41	5.86	-----	6.95	7.85	9.13	9.91	8.93	-----
19	-----	4.43	4.65	4.98	5.86	-----	6.97	7.92	9.20	9.93	8.89	-----
20	-----	4.59	4.72	4.76	5.96	-----	7.10	7.97	9.23	9.95	8.82	-----
21	-----	4.77	4.79	4.75	5.91	-----	7.08	8.02	9.27	9.99	8.80	-----
22	-----	4.91	4.91	4.74	5.93	-----	7.12	8.07	9.33	9.99	8.78	-----
23	-----	4.91	5.01	4.74	5.94	-----	7.13	8.13	9.39	9.90	8.73	-----
24	-----	4.85	5.05	4.80	6.00	-----	7.16	8.20	9.44	9.89	8.71	6.35
25	-----	4.75	5.13	4.91	6.01	-----	7.20	8.27	9.49	9.89	8.73	6.36
26	-----	4.69	5.17	5.03	5.98	-----	7.25	8.32	9.47	9.90	8.76	6.34
27	-----	4.67	5.17	5.10	5.98	-----	7.28	8.39	9.49	9.97	e8.78	6.25
28	-----	4.67	5.22	5.11	5.97	-----	7.29	8.45	e9.52	10.02	8.80	6.12
29	-----	-----	5.25	5.14	5.95	-----	7.33	8.49	-----	10.02	8.81	6.02
30	-----	-----	5.24	-----	5.95	-----	7.37	8.56	-----	10.05	8.79	5.96
31	-----	-----	5.24	-----	5.95	-----	7.38	8.63	-----	10.06	-----	5.95

Vigo 6. (13/9W-34A1). Anaconda Aluminum Co., Terre Haute. NE $\frac{1}{2}$ NE $\frac{1}{2}$ sec. 34, T. 13 N., R. 9 W. Driven unused water table well in sand and gravel, diameter 6 inches, depth 138.0 feet. Land-surface datum is 510.7 feet above msl. Recording gage installed July 20, 1956. Highest water level is 42.43 below lsd, June 28, 1958; lowest, 50.84 below lsd, Nov. 9, 1956. Records available 1956-59. Affected by nearby pumping.

(Daily highest water level from recorder graph, 1956)

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	-----	-----	-----	-----	-----	-----	-----	47.45	48.46	48.96	-----	50.13
2	-----	-----	-----	-----	-----	-----	-----	47.47	48.43	49.06	50.65	50.13

Table 7.--Water levels in observation wells, Vigo County, Indiana, Continued

Vigo 6--Continued

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
3	-----	-----	-----	-----	-----	-----	-----	47.49	48.42	49.06	50.19	50.14
4	-----	-----	-----	-----	-----	-----	-----	47.51	48.43	49.08	50.01	50.15
5	-----	-----	-----	-----	-----	-----	-----	47.53	49.02	49.10	-----	50.16
6	-----	-----	-----	-----	-----	-----	-----	47.54	49.18	49.11	-----	50.17
7	-----	-----	-----	-----	-----	-----	-----	47.57	49.28	49.13	-----	50.18
8	-----	-----	-----	-----	-----	-----	-----	47.59	49.34	49.15	50.76	50.17
9	-----	-----	-----	-----	-----	-----	-----	47.62	49.39	49.24	50.81	50.15
10	-----	-----	-----	-----	-----	-----	-----	47.65	49.06	49.24	50.33	50.12
11	-----	-----	-----	-----	-----	-----	-----	47.68	48.82	49.25	50.09	50.12
12	-----	-----	-----	-----	-----	-----	-----	47.69	48.77	49.26	50.06	50.12
13	-----	-----	-----	-----	-----	-----	-----	47.71	48.75	49.27	50.05	50.12
14	-----	-----	-----	-----	-----	-----	-----	47.74	48.75	49.28	50.04	50.12
15	-----	-----	-----	-----	-----	-----	-----	47.76	48.74	49.29	50.03	50.12
16	-----	-----	-----	-----	-----	-----	-----	47.78	48.75	49.31	-----	50.12
17	-----	-----	-----	-----	-----	-----	-----	47.80	48.75	49.33	-----	50.12
18	-----	-----	-----	-----	-----	-----	-----	47.83	48.77	49.94	-----	50.13
19	-----	-----	-----	-----	-----	-----	-----	47.85	48.78	50.12	-----	50.12
20	-----	-----	-----	-----	-----	-----	-----	47.87	48.80	49.58	-----	50.12
21	-----	-----	-----	-----	-----	-----	-----	47.89	48.81	49.55	50.07	50.12
22	-----	-----	-----	-----	-----	-----	-----	47.92	48.82	49.54	50.07	50.12
23	-----	-----	-----	-----	-----	-----	-----	47.94	48.84	50.16	50.07	50.12
24	-----	-----	-----	-----	-----	-----	-----	47.97	48.85	50.30	50.07	50.12
25	-----	-----	-----	-----	-----	-----	47.32	48.01	48.87	50.38	50.07	50.12
26	-----	-----	-----	-----	-----	-----	47.33	48.03	48.88	50.00	50.09	50.11
27	-----	-----	-----	-----	-----	-----	47.34	48.05	48.89	49.83	50.09	50.11
28	-----	-----	-----	-----	-----	-----	47.38	48.07	48.91	49.78	50.10	50.12
29	-----	-----	-----	-----	-----	-----	47.39	48.11	48.92	49.76	50.11	50.12
30	-----	-----	-----	-----	-----	-----	47.41	48.68	48.94	50.36	50.12	50.11
31	-----	-----	-----	-----	-----	-----	47.43	48.89	-----	-----	-----	50.11

(Daily highest water level from recorder graph, 1957)

1	50.12	50.06	49.61	49.26	45.83	44.90	44.09	45.45	47.66	48.55	49.42	48.78
2	50.10	50.03	49.60	49.25	45.64	44.89	43.90	45.58	47.74	48.61	49.46	48.78
3	50.10	50.01	49.59	49.20	45.52	44.89	43.70	45.69	-----	48.66	49.46	48.77
4	50.10	50.00	49.58	49.18	45.44	44.89	43.62	45.77	-----	48.71	49.48	48.78
5	50.10	49.99	49.56	-----	45.38	44.89	-----	45.82	48.00	48.76	49.37	48.78
6	50.11	49.98	49.56	-----	45.34	44.90	-----	45.88	48.07	48.78	49.22	48.78
7	50.11	49.97	49.56	-----	45.32	44.92	-----	45.95	48.14	48.70	49.15	48.78
8	50.11	49.95	49.52	-----	45.30	44.99	-----	46.02	48.20	48.66	49.13	48.80
9	50.12	49.94	49.50	-----	45.29	-----	-----	46.10	48.26	48.77	49.12	48.78
10	50.14	49.92	49.49	48.30	45.28	-----	43.17	47.16	48.33	48.85	49.11	48.76
11	50.15	49.89	49.47	48.15	45.28	-----	43.14	46.22	48.39	48.89	49.09	48.76
12	50.16	49.88	49.47	47.96	45.30	-----	43.28	46.30	48.45	48.94	49.06	-----
13	50.16	49.86	49.45	47.78	45.31	-----	-----	46.38	48.02	48.97	49.05	-----
14	50.17	49.85	49.43	47.57	45.31	45.12	-----	46.44	47.80	49.00	49.06	-----

Table 7.--Water levels in observation wells, Vigo County, Indiana, Continued

Vigo 6--Continued

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
15	50.18	49.83	49.43	47.35	45.31	45.10	-----	46.50	47.69	49.04	49.05	-----
16	50.18	49.82	49.41	47.16	45.60	45.09	-----	46.58	47.67	49.10	49.04	-----
17	50.18	49.80	49.40	46.97	45.60	45.08	-----	46.66	47.64	49.13	49.01	-----
18	50.19	49.80	49.39	46.80	45.60	45.07	44.26	46.73	47.97	49.18	48.98	-----
19	50.20	49.79	49.38	46.64	45.56	45.06	44.40	46.80	48.02	49.20	48.97	48.62
20	50.22	49.78	49.37	46.63	45.50	45.06	44.52	46.88	48.08	49.23	48.95	48.48
21	50.23	49.76	49.37	46.38	45.43	45.40	44.62	46.95	48.12	49.25	48.92	48.12
22	50.23	49.75	49.36	46.27	45.35	45.60	44.71	47.03	48.01	49.27	48.91	47.82
23	50.20	49.74	49.34	46.16	45.27	45.70	44.77	47.12	48.00	49.30	48.88	47.58
24	50.16	49.72	49.30	46.07	45.15	45.78	44.82	47.16	48.15	49.30	48.86	47.37
25	50.14	49.71	49.28	45.95	45.08	45.80	44.94	47.24	48.24	49.34	48.84	47.14
26	50.13	49.71	49.28	45.90	45.02	45.80	45.06	47.31	48.31	49.35	48.82	46.90
27	50.11	49.69	49.28	46.40	44.95	45.65	45.14	46.58	48.36	49.37	48.80	46.67
28	50.09	49.66	49.28	46.44	44.92	45.59	45.24	46.36	48.42	49.38	48.79	46.47
29	50.09	-----	49.27	46.40	44.91	44.86	-----	47.30	48.47	49.39	48.78	46.27
30	50.08	-----	49.26	46.37	44.91	44.36	45.30	47.48	48.51	49.39	48.78	46.08
31	50.06	-----	49.26	-----	44.91	-----	-----	47.58	-----	49.41	-----	45.92

(Daily highest water level from recorder graph, 1958)

1	45.79	46.74	48.53	-----	48.96	49.74	42.78	43.37	43.90	45.60	46.65	47.15
2	45.68	46.82	48.58	48.57	49.01	49.88	42.79	43.22	43.95	45.60	46.70	47.15
3	45.60	46.89	48.63	48.58	49.01	49.96	-----	43.11	43.95	45.70	46.70	47.10
4	45.53	46.85	48.60	48.59	48.72	50.00	-----	42.71	44.00	45.70	46.75	47.10
5	45.45	46.85	48.04	-----	48.89	50.04	-----	42.71	44.05	45.80	46.90	47.10
6	45.40	47.10	48.11	-----	48.97	50.08	-----	42.68	44.00	45.80	46.90	47.10
7	45.37	47.24	48.08	-----	48.99	50.10	-----	42.67	44.00	45.80	46.95	47.10
8	45.91	47.34	48.10	-----	48.76	50.14	-----	42.79	44.15	45.80	46.95	47.10
9	45.40	47.42	48.13	-----	-----	50.17	-----	42.78	44.25	45.80	47.00	47.15
10	45.44	47.52	48.16	-----	-----	-----	-----	-----	44.25	45.75	47.00	47.15
11	45.45	47.56	48.17	-----	-----	-----	-----	-----	44.50	45.75	47.05	47.15
12	45.46	47.62	48.19	-----	-----	-----	43.92	-----	44.50	45.75	47.10	47.15
13	45.50	47.68	48.20	-----	49.05	-----	43.92	43.00	44.60	45.85	47.10	47.15
14	44.96	47.75	48.22	-----	48.91	-----	43.97	43.00	44.60	45.80	47.15	47.15
15	45.56	47.80	48.24	-----	48.84	-----	44.16	43.10	44.75	45.90	47.15	45.15
16	45.60	47.86	48.25	-----	49.12	-----	44.19	43.15	44.75	45.85	47.20	47.15
17	45.64	47.92	-----	-----	49.19	-----	44.30	43.10	44.90	46.10	47.25	47.15
18	45.67	48.02	-----	48.78	49.22	-----	44.29	43.05	44.90	46.10	47.25	47.10
19	45.73	48.02	-----	48.79	49.24	-----	44.25	43.15	45.00	46.10	47.30	47.10
20	-----	48.06	48.35	48.80	49.25	-----	44.26	43.25	44.95	46.10	47.30	47.10
21	-----	48.14	48.37	48.81	49.27	-----	44.32	43.25	45.05	46.15	47.30	47.05
22	-----	-----	-----	48.80	49.37	-----	44.31	43.35	45.05	46.25	47.30	47.05
23	-----	-----	-----	48.84	49.53	-----	44.21	43.35	45.15	46.30	47.25	47.05
24	-----	-----	-----	48.85	49.61	-----	44.32	43.45	45.15	46.35	47.25	47.05
25	46.13	-----	-----	48.88	-----	-----	44.26	43.45	45.30	46.40	47.25	47.10

Table 7.--Water levels in observation wells, Vigo County, Indiana, Continued

Vigo 6--Continued

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
26	46.23	-----	-----	48.90	-----	-----	44.24	43.55	45.30	46.45	47.25	47.05
27	64.32	-----	-----	48.91	-----	42.50	44.12	43.55	45.40	46.45	47.20	47.05
28	46.40	48.46	-----	48.92	-----	42.43	44.09	43.65	45.40	46.50	47.20	47.05
29	46.46	-----	-----	48.94	-----	42.44	44.24	43.65	45.50	46.55	47.25	47.10
30	46.52	-----	-----	48.96	49.80	42.53	44.21	43.80	45.50	46.60	47.20	47.05
31	46.67	-----	-----	-----	49.28	-----	43.65	43.80	-----	46.60	-----	47.05

(Daily highest water level from recorder graph, 1959)

1	47.05	46.70	-----	44.00	44.85	44.85	46.10	47.35	47.95	48.55	-----	48.80
2	47.05	46.65	-----	44.05	44.80	44.95	46.15	47.35	48.00	48.55	-----	48.70
3	47.10	46.60	-----	44.05	44.70	44.95	46.20	47.35	48.05	48.55	-----	48.70
4	47.15	46.60	-----	44.15	44.60	45.05	46.25	47.40	48.05	48.55	-----	48.65
5	47.20	46.65	-----	44.15	44.50	45.05	46.25	47.40	48.05	48.60	-----	48.70
6	47.20	46.50	-----	44.20	44.40	45.10	46.30	47.45	48.05	48.60	-----	48.65
7	47.20	46.50	-----	44.20	-----	45.10	46.35	47.50	48.05	48.60	-----	48.65
8	47.25	46.45	-----	44.20	44.25	-----	46.40	47.50	48.05	48.60	-----	48.75
9	47.25	46.40	-----	44.25	44.20	45.25	46.45	47.50	48.15	48.60	-----	48.70
10	47.25	46.40	-----	44.35	44.15	45.25	46.50	47.50	48.15	48.65	-----	48.75
11	47.25	46.40	-----	44.35	44.10	45.25	46.50	47.55	48.15	48.60	-----	48.70
12	47.30	46.40	43.00	44.35	44.10	45.30	46.50	47.55	48.15	48.60	-----	48.75
13	47.30	45.35	43.05	44.40	44.10	45.35	46.55	-----	48.15	48.60	-----	48.70
14	-----	44.50	43.10	44.40	44.10	45.40	46.60	-----	48.15	48.60	-----	48.65
15	47.30	43.00	43.10	44.45	44.10	45.40	46.60	-----	48.25	48.60	-----	48.65
16	47.40	-----	43.20	44.45	44.15	45.45	46.65	-----	48.30	48.65	-----	48.65
17	47.40	43.02	43.25	44.50	44.15	45.50	46.75	-----	48.30	48.70	-----	48.60
18	47.40	-----	43.30	44.50	44.15	45.50	46.75	-----	48.30	48.65	-----	48.65
19	47.45	-----	43.35	44.45	44.25	45.55	46.75	-----	48.35	48.65	-----	48.65
20	47.45	-----	43.40	44.50	44.25	45.60	46.80	-----	48.35	48.65	-----	48.65
21	47.35	-----	43.45	44.55	44.30	45.65	46.80	-----	48.35	48.65	-----	48.65
22	47.15	-----	43.50	44.60	44.35	45.70	46.85	-----	48.35	48.65	-----	48.65
23	47.05	-----	43.55	44.60	44.45	45.70	46.90	-----	48.35	48.70	-----	48.65
24	47.00	-----	43.55	44.65	44.45	45.80	46.95	-----	48.35	48.70	-----	48.65
25	46.90	-----	43.60	44.65	44.50	45.80	46.95	-----	48.45	48.70	-----	48.60
26	46.90	-----	43.60	44.70	44.55	45.90	46.95	-----	48.45	-----	-----	48.60
27	46.80	-----	43.70	44.70	44.65	45.90	46.95	47.95	48.45	-----	-----	48.55
28	46.80	-----	43.80	44.75	44.70	45.95	47.05	47.90	-----	-----	48.70	48.55
29	46.80	-----	43.85	44.80	44.80	46.00	47.05	47.90	-----	48.73	48.70	48.55
30	46.75	-----	43.90	44.85	44.80	46.05	47.10	47.95	48.50	-----	48.70	48.55
31	46.70	-----	43.90	-----	44.80	-----	47.30	47.95	-----	-----	-----	48.55

PUBLICATIONS OF COOPERATIVE GROUND-WATER PROGRAM

Report

Ground-water resources of the Indianapolis area, Marion County, Indiana. C. L. McGuinness. Indiana Department of Conservation, Division of Geology. 1943.

Bulletins

- No. 1 Memorandum concerning a pumping test at Gas City, Indiana. J. G. Ferris, Indiana Department of Conservation, Division of Water Resources. 1945.
- 2 A preliminary report of the ground-water levels of the State based on records of twenty-six observation wells for which long time records are available. Indiana Department of Conservation, Division of Water Resources. 1946 (Out of print).
- 3 Ground-water resources of St. Joseph County, Indiana. Part 1, South Bend area. F. H. Klaer, Jr., and R. W. Stallman. Indiana Department of Conservation, Division of Water Resources. 1948.
- 4 Ground-water resources of Boone County, Indiana. E. A. Brown. Indiana Department of Conservation, Division of Water Resources. 1949.
- 5 Ground-water resources of Noble County, Indiana. R. W. Stallman and F. H. Klaer, Jr. Indiana Department of Conservation, Division of Water Resources. 1950.
- 7 Water-level records of Indiana. Indiana Department of Conservation, Division of Water Resources. 1956.
- 8 Ground-water resources of Tippecanoe County, Indiana. Appendix, Basic Data. J. W. Rosenshein and O. J. Cosner. Indiana Department of Conservation, Division of Water Resources. 1956.
- 8 Ground-water resources of Tippecanoe County, Indiana. J. S. Rosenshein. Indiana Department of Conservation, Division of Water Resources. 1958 (1959).
- 9 Ground-water resources of Adams County, Indiana. F. A. Watkins, Jr., and P. E. Ward. Indiana Department of Conservation, Division of Water Resources. 1962.
- 10 Ground-water resources of northwestern Indiana. Preliminary Report: Lake County. J. S. Rosenshein. Indiana Department of Conservation, Division of Water Resources. 1961.
- 11 Ground-water resources of west-central Indiana. Preliminary Report: Greene County. F. A. Watkins, Jr., and D. G. Jordan. Indiana Department of Conservation, Division of Water Resources. 1961.

Publications of cooperative ground-water programs--Continued

Bulletins--Continued

- 12 Ground-water resources of northwestern Indiana. Preliminary Report: Porter County. J. S. Rosenshein. Indiana Department of Conservation, Division of Water Resources. 1962.
- 13 Ground-water resources of northwestern Indiana. Preliminary Report: La Porte County. J. S. Rosenshein and J. D. Hunn. Indiana Department of Conservation, Division of Water Resources. 1962.
- 14 Ground-water resources of west-central Indiana. Preliminary Report: Sullivan County. F. A. Watkins, Jr., and D. G. Jordan. Indiana Department of Conservation, Division of Water Resources. 1962.
- 15 Ground-water resources of northwestern Indiana. Preliminary Report: St. Joseph County. J. S. Rosenshein and J. D. Hunn. Indiana Department of Conservation, Division of Water Resources. 1962.
- 16 Ground-water resources of west-central Indiana. Preliminary Report: Clay County. F. A. Watkins, Jr., and D. G. Jordan. Indiana Department of Conservation, Division of Water Resources. 1962.
- 17 Ground-water resources of west-central Indiana. Preliminary Report: Vigo County. F. A. Watkins, Jr., and D. G. Jordan. Indiana Department of Conservation, Division of Water Resources. 1963.

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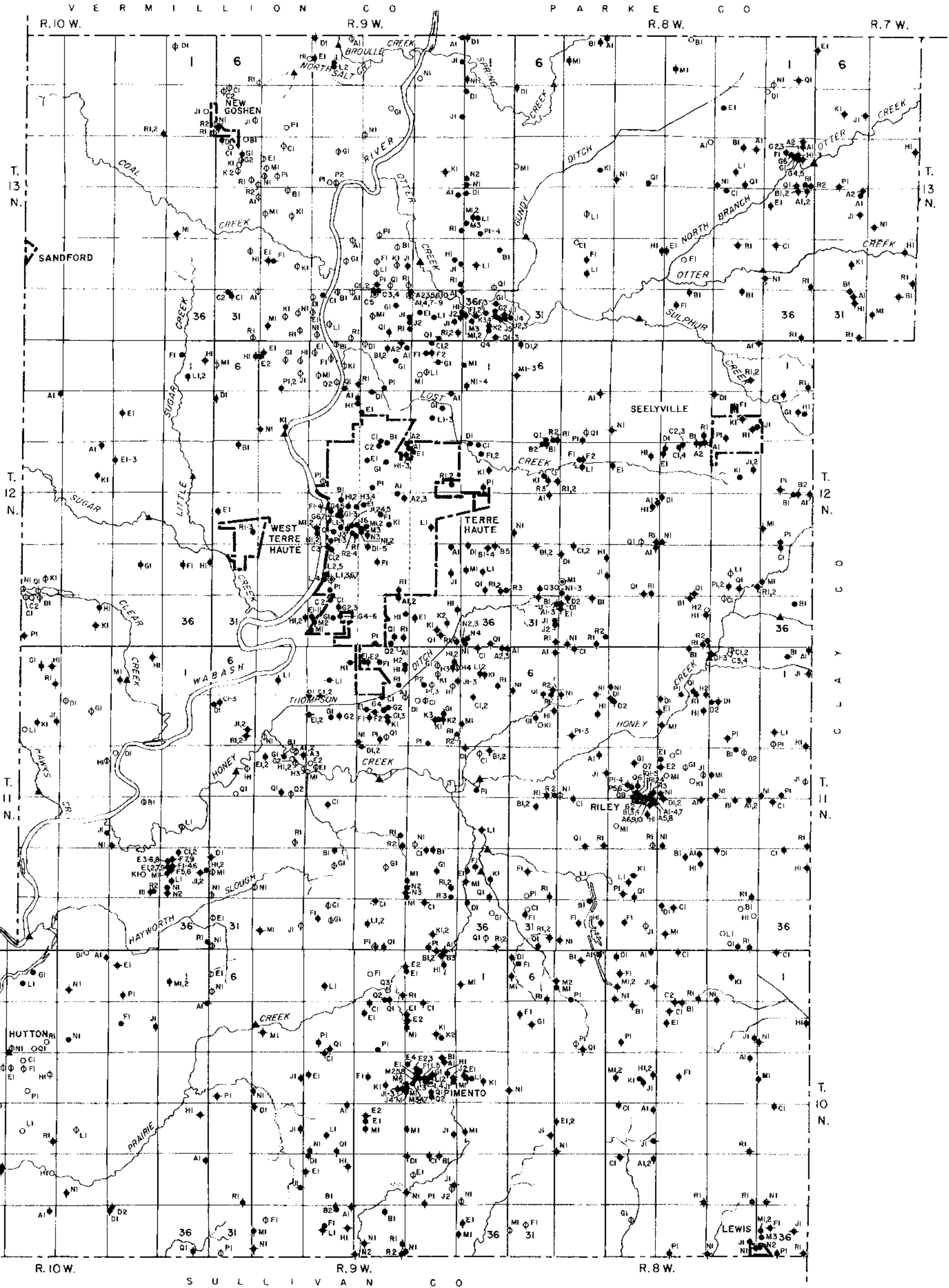
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EXPLANATION

- BI
Water well
- RI
Observation well
- QI
Spring
- RI
Oil well, test hole, drain hole,
or hole drilled for purposes
other than water supply
- ◆ PI
Well for which log is listed in
Table 3
- C2
Well or spring for which field
chemical analysis is listed
in Table 4 or 5
- ▲
Stream water sampling site;
field chemical analysis of
water in Table 6

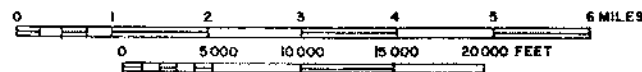
Base modified from Indiana
Department of Conservation,
Geological Survey, Base Map
No. 84 of Vigo County,
March 26, 1952



6	5	4	3	2	1
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30
31	32	33	34	35	36

DIAGRAM OF TOWNSHIP

MAP OF VIGO COUNTY, INDIANA SHOWING
LOCATION OF WELLS AND SPRINGS



BY F. A. WATKINS, JR. AND O. G. JORDAN

1961

Q	C	B	A
E	F	G	H
M	L	K	J
N	P	O	R

SECTION LETTER SYMBOLS
IN WELL-NUMBERING
SYSTEM

EXPLANATION

Production from unconsolidated rocks



Water from sand and gravel of Pleistocene age overlain by Pleistocene lake sediments or Recent alluvium. Well depths range from 35 to 175 feet. Yields more than adequate for domestic and stock use. Area of industrial, irrigation, and municipal pumpage and large yields.



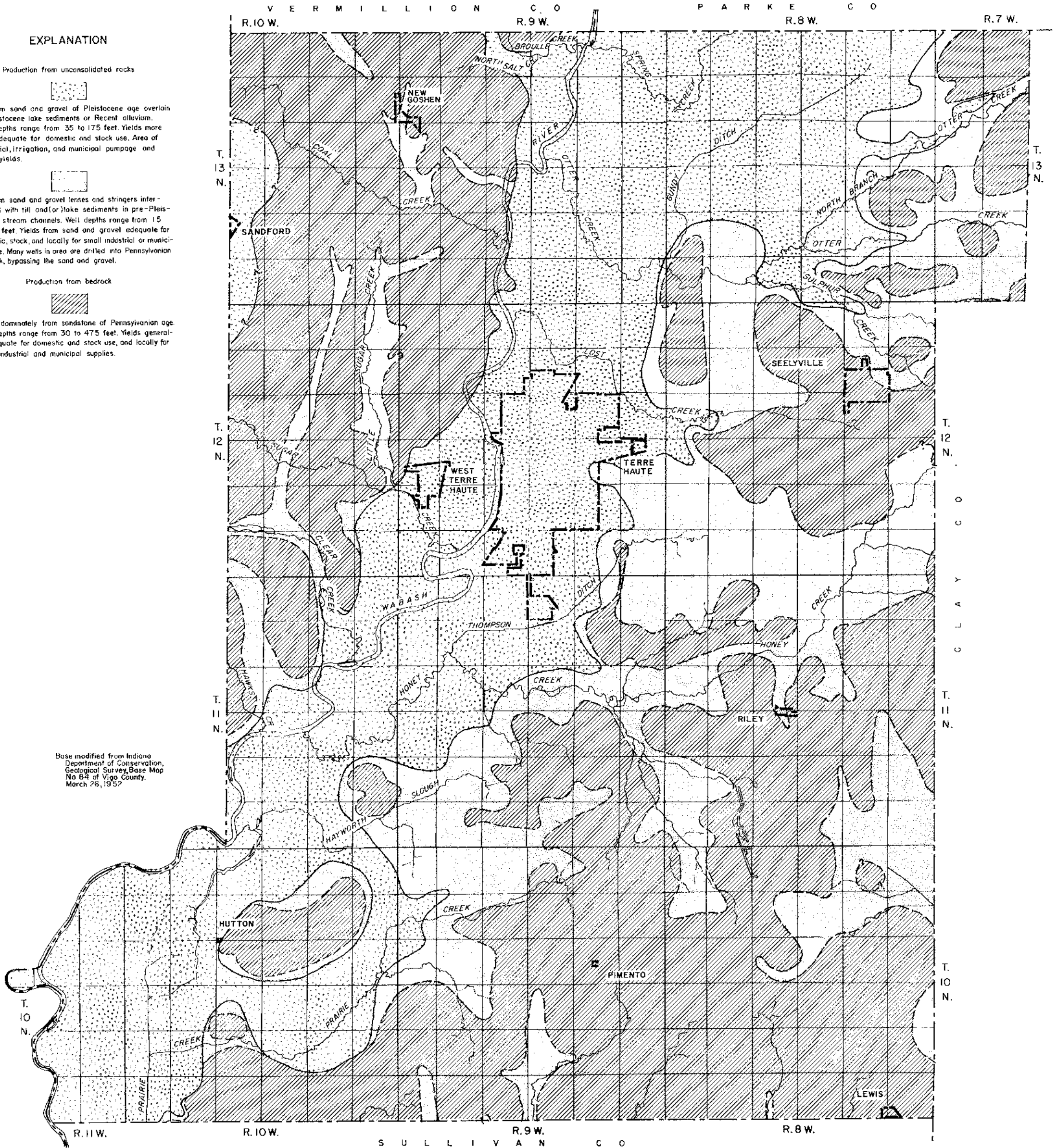
Water from sand and gravel lenses and stringers interbedded with till and/or lake sediments in pre-Pleistocene stream channels. Well depths range from 15 to 175 feet. Yields from sand and gravel adequate for domestic, stock, and locally for small industrial or municipal use. Many wells in area are drilled into Pennsylvanian bedrock, bypassing the sand and gravel.

Production from bedrock

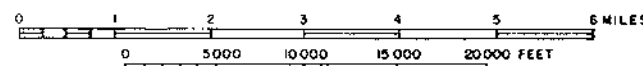


Water predominately from sandstone of Pennsylvanian age. Well depths range from 30 to 475 feet. Yields generally adequate for domestic and stock use, and locally for small industrial and municipal supplies.

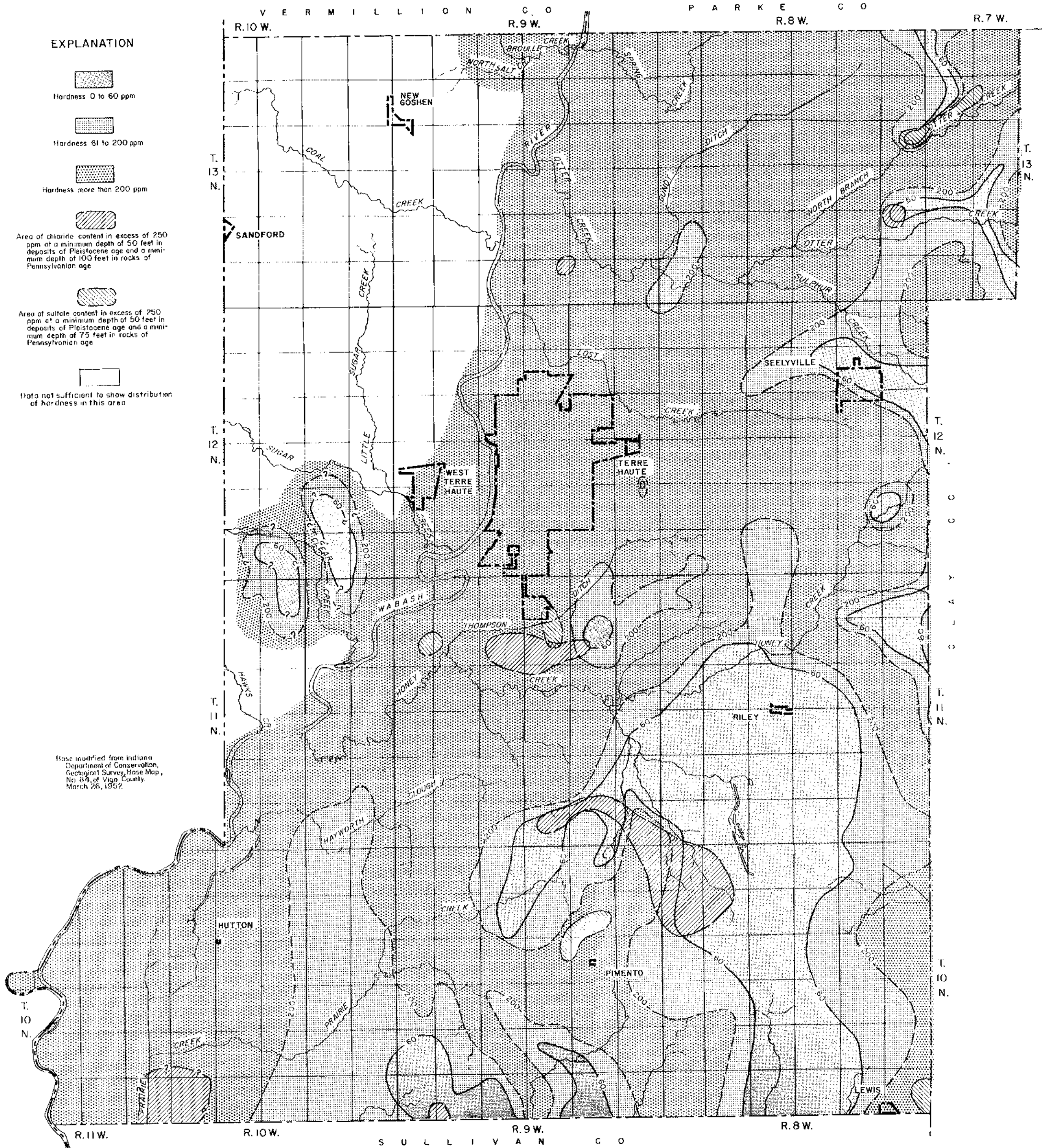
Base modified from Indiana Department of Conservation, Geological Survey, Base Map No 84 of Vigo County, March 26, 1957









MAP OF VIGO COUNTY, INDIANA SHOWING
AVAILABILITY OF GROUND WATER



BY F. A. WATKINS, JR. AND D. G. JORDAN
1961

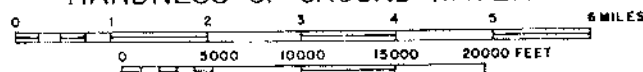


EXPLANATION

-  Hardness 0 to 60 ppm
-  Hardness 61 to 200 ppm
-  Hardness more than 200 ppm
-  Area of chloride content in excess of 250 ppm at a minimum depth of 50 feet in deposits of Pleistocene age and a minimum depth of 100 feet in rocks of Pennsylvanian age
-  Area of sulfate content in excess of 250 ppm at a minimum depth of 50 feet in deposits of Pleistocene age and a minimum depth of 75 feet in rocks of Pennsylvanian age
-  Data not sufficient to show distribution of hardness in this area

Base modified from Indiana Department of Conservation, Geological Survey Base Map, No. 84, of Vigo County, March 26, 1952.

MAP OF VIGO COUNTY, INDIANA SHOWING
HARDNESS OF GROUND WATER



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

1961