

GEOLOGICAL DATA			CASING DATA	WELL DATA	
Formation Amount in ft.	Material and distance from surface in ft. Kind of Soil	Total Depth ft.	Position, kind and extent of casing, liners, shoes, etc.	Scale: Horizontal $1" = 1'$ Vertical $1" = 40'$	Position of seals, screens, static level, etc.
4	Black soil	4	12" Steel Casing 0 - 756'-2"		
11	Yellow clay	15			
20	Clay-gray	35			
10	Clay-blue	45			
5	Clay-yellow & green	50			
35	Clay-yellow with gravel	85			
5	Clay-green	90			
29	Clay or Shale-gray & black	119			
11	Shale - red	130			
15	Shale - black	145			
55	Shale gray-harder	200	10" Steel Casing 756'-2" - 1462'-11"		
80	Shale-black hard	280			
5	Shale streaks of lime	285			
47	Shale - gray	332			
113	Limestone-white hard	445			
85	Limestone-shaly gray	530			
5	Shale-gray	535			
120	Limestone-gray	655			
45	Shale-light blue	700			
28	Shale-gray	728			
17	Limestone-gray hard	745	8" Steel Casing 1462'-11" - 2010'		
15	Limestone-gray shaly	760			
73	Limestone-gray & white-very hard	833			
27	Shale-light blue	860			
50	Limestone-gray	910			
5	Limestone-shaly gray	915			
30	Limestone-gray & white	945			
62	Limestone-light brown	1007			
18	Limestone-gray	1025			
10	Limestone-brown-hard	1035			
37	Limestone-gray	1072			
41	Limestone-brown hard	1113			
22	Limestone-gray & brown	1135			
25	Limestone-gray & shaly	1160			
20	Limestone-brown	1180			

35	Clay-yellow	85
	with gravel	
5	Clay-green	90
29	Clay or Shale-	119
	gray & black	
11	Shale - red	130
15	Shale - black	145
55	Shale gray-	200
	harder	
80	Shale-black hard	280
5	Shale streaks	285
	of lime	
47	Shale - gray	332
113	Limestone-white	445
	hard	
85	Limestone-shaly	530
	gray	
5	Shale-gray	535
120	Limestone-gray	655
45	Shale-light	700
	blue	
28	Shale-gray	728
17	Limestone-gray	745
	hard	
15	Limestone-gray	760
	shaly	
73	Limestone-gray	833
	& white-very	
	hard	
27	Shale-light blue	860
50	Limestone-gray	910
5	Limestone-shaly	915
	gray	
30	Limestone-gray	945
	& white	
62	Limestone-	1007
	light brown	
18	Limestone-gray	1025
10	Limestone-	1035
	brown-hard	
37	Limestone-gray	1072
41	Limestone-brown	1113
	hard	
22	Limestone-gray	1135
	& brown	
25	Limestone-gray	1160
	& shaly	
20	Limestone-brown	1180
	hard	
65	Limestone-shaly	1245
	gray & brown	
20	Limestone-	1265
	shaly gray	
25	Limestone-gray	1290
	white	
25	Shale-gray-	1315
15	Limestone-gray	1330
	sandy	

12" Steel Casing
0 - 756'-2"

10" Steel Casing
756'-2" - 1462'-11"

8" Steel Casing
1462'-11" - 2010'

8" Open Hole
2010' - 2551'

Bottom 2551'

44'-8" Lead Seal

45'-3" Lead Seal

Volume of Water in cased area
= 9850 gallons

(continued)

53	Limestone-white sandy	1383	Static water level 135' at 2013'
7	Limestone-gray hard	1390	129' at 2018'
1	Shale-red	1391	Swedged lead seal lowered into shoe & cemented back of pipe approximately 200'
9	Shale & Lime- stone	1400	
99	Shale-red- green-yellow	1499	133' at 2023
16	Limestone-gray	1515	130' at 2078
20	Limestone-shale gray	1535	136' at 2093
30	Shale-gray	1565	137' at 2108
30	Limestone & shale creviced	1595	135' at 2125
79	Limestone-white fine	1674	137' at 2135
214	Limestone-light brown	1888	136' at 2144
7	Shale-blue- green-hard	1895	143' at 2161
27	Limestone-light brown	1922	139' at 2172
18	Shale-green & hard	1975	137' at 2180
30	St. Peter sand- stone	1970	138' at 2186
5	Limestone-sandy hard	1975	137' at 2201
43	Limestone-brown	2018	132' at 2216
24	Limestone-gray	2042	135' at 2229
28	Limestone-white	2070	135' at 2250
55	Limestone creviced	225	149' at 2255
5	Sandstone	2130	169' at 2261
56	Limestone-sandy	2186	190' at 2265
15	Sandstone-limey	2201	192' at 2283
28	Limestone-no grit	2229	194' at 2380
56	Limestone-hard small crevices	2285	194'-6" at 2551
30	Limestone-hard	2315	
80	Limestone- creviced	2395	
20	Limestone- harder	2415	
40	Limestone- sandy	2455	
31	Limestone-no grit	2486	
10	Limestone-very hard	2496	
28	Limestone-no grit	2524	
6	Limestone- gritty-hard	2530	
10	Limestone- sandy-hard	2540	
11	Limestone- no grit-hard	2551	