

LATITUDE

39 42 30

80 22 30

LONGITUDE

10
0625
75100

7'5 OGIS topo location

7.5' loc 1.875
0.25W

15' loc 4.75S
(calc.) 2.47W

Company _____

Farm _____

Quad Hundred Mannington Nc

County _____

District Battelle

WELL LOCATION MAP

File No. Mon. 18

MO. 18 or 19?

Battelle District, Monongalia County, W. Va.
 By The Manufacturers Light & Heat Co., Pittsburgh, Pa.
 On 20 acres, surface owned by H. E. Bean, Burton, W. Va., and
 mineral rights by ML&Co., Pittsburgh, Pa.
 Drilled under permit issued January 2, 1930.
 Elevation, 1320'.
 13" conductor, 16'; 10" casing, 266' 2"; 8", 1729' 6";
 6-5/8", 2390'.
 Coal was encountered at 335-338, 670-674, 830-834, 1083-1086,
 1138-1141, 1175-1183, and 2115-2119'.
 Completion reported to Dept. of Mines July 8, 1930.
 Producing hole.

	Top.	Bottom.	Thickness.
Clay and sand, yellow, soft	0	150	150
Slate, dark, soft	150	200	50
Lime and slate, white, hard and soft	200	335	135
Coal, black, soft	335	338	3
Lime and slate, white and hard	338	670	332
Coal, black, soft	670	674	4
Lime and slate, dark, soft	674	830	156
Coal, black, soft	830	834	4
Slate, dark, soft	834	850	16
Lime and slate, dark, soft	850	978	128
Lime, white, hard	978	996	18
Slate, white, soft	996	1002	6
Lime, white, hard	1002	1083	81
Mapietown (Sewickley) Coal, black, soft	1083	1086	3
Slate and lime, dark, soft and hard	1086	1138	52
Coal, black, soft	1138	1141	3
Lime, white, hard	1141	1175	34
Pittsburgh Coal, black, soft	1175	1183	8
Lime, dark, hard	1183	1208	25
Sand, white, hard	1208	1218	10
Lime, white, broken	1218	1235	17
Pink rock, soft	1235	1242	7
Slate, white, soft	1242	1250	8
Pink rock, soft	1250	1262	12
Slate, white, soft	1262	1300	38
Red rock, soft	1300	1323	23
Lime, white, hard	1323	1350	17
Red rock, soft	1350	1365	15
Lime, white, hard	1365	1393	30
Slate and lime, white, soft and hard	1393	1450	55
Red rock, soft	1450	1470	20
Lime and slate, dark, soft and hard	1470	1585	115
Little Dunkard Sand, white, hard	1585	1605	20
Slate, black, soft	1605	1633	28
Lime, white, hard	1633	1675	42
Big Dunkard Sand, white, hard	1675	1706	31
Slate and shells, white, hard and soft	1706	1724	18
Sand, white, hard	1724	1780	56
Slate and shells, white, broken	1780	1847	67
Gas Sand, white, hard	1847	1938	91
Slate, white, soft	1938	1950	12
Lime and slate, white, broken	1950	2005	55
Salt Sand, white, hard (water at 2025')	2005	2070	65
Slate, dark, soft	2070	2080	10

(OVER)

H. E. BEAN NO. 3414 WELL (Continued).

	Top.	Bottom.	Thickness.
Lime, white, broken	2080	- 2115	35
Coal, black, soft	2115	- 2119	4
Slate and lime, dark, soft and hard	2119	- 2135	16
2nd Salt Sand, white, hard	2135	- 2175	40
Slate, white, soft	2175	- 2220	45
Red rock, soft	2220	- 2265	45
Lime, white, hard	2265	- 2345	80
Little Lime, white, hard	2345	- 2357	12
Red rock, soft	2357	- 2372	15
Big Lime, white, hard	2372	- 2463	91
Big Injun Sand, white, hard	2463	- 2688	225
Slate, dark, hard	2688	- 2700	12
Shells, white, broken	2700	- 2750	50
Sand, white, hard	2750	- 2782	32
Slate and shells, white, hard and soft	2782	- 2976	194
30-Ft. shells, white, hard	2976	- 3120	144
50-Ft. Sand, white, hard	3120	- 3170	50
Pink rock, soft	3170	- 3173	3
Nineveh Sand, white, hard	3173	- 3210	27
Slate, dark, soft	3210	- 3225	15
Stray Sand, white, hard	3225	- 3246	21
Slate and pink rock, soft	3246	- 3270	24
Gordon Stray Sand, white, hard	3270	- 3298	28
Slate, white, soft	3298	- 3332	34
Gordon Sand, white, hard	3332	- 3375	43
Slate, dark, soft	3375	- 3385	10
4th Sand, white, hard	3385	- 3398	13
Slate, white, soft	3398	- 3404	6
Sand, white, hard	3404	- 3422	18
Slate, white, soft	3422	- 3445	23
Sand, white, hard	3445	- 3475	30
Slate and shells, dark, soft	3475	- 3587	112
Bayard Sand, dark, soft	3587	- 3598	11
Slate, white, soft	3598	- 3625	27
Total depth		3625	