

LATITUDE

3940

00000000

LONGITUDE

000000  
15' loc

7'5 OGIS topo location

7.5' loc \_\_\_\_\_ 15' loc \_\_\_\_\_  
(calc.) \_\_\_\_\_

Company \_\_\_\_\_

Farm \_\_\_\_\_

Quad Hoodland \_\_\_\_\_

County \_\_\_\_\_

District Church \_\_\_\_\_

WELL LOCATION MAP

File No. Well 333

Grant District, Petrol County, Va.

by The Manufacturers Light & Heat Co., 22 Union Trust Bldg.,  
Pittsburgh, Pa.

on 110 acres, surface owned by John S. Perkins et al., 1754 Hoff St.,  
Wheeling, W. Va., and minerals by The Manufacturers Light & Heat Co.,  
Pittsburgh, Pa.

drilled under permit No. 11, issued Aug. 21, 1930.

elevation, 1300' ±.

1 1/2" conductor, 16 1/2" casing, 20 1/2" 2 1/2", 1900'; 6" 2 1/2" 1900'.

no pocket. Casing not perforated. 1900' 1 1/2" of 2 1/2" casing and  
1160' ± of 1 1/2" pipe used as liners.

Statistics reported to Dept. of Energy, Dec. 10, 1931.

Dry hole. Record to WVA from No. 111119, Aug. 21, 1931.

	Top.	Bottom.	Thickness.
clay, yellow, soft	0	25	25
sand, white	15	30	15
sand, dark	30	150	120
slate, black, soft	150	200	50
lime, white, hard	200	275	75
slate, white, soft	275	300	25
sand, white, soft	300	375	75
slate, black, soft	375	450	75
shale, hard, hard	450	700	250
Carboniferous (Weyburn) coal, black, soft	700	725	25
sandstone	725	750	25
slate and shells	750	800	50
sandstone, hard	800	900	100
Carboniferous (Beckley) coal, black, soft	900	925	25
sandstone, hard	925	1000	75
Pittsburgh coal, black, soft	1000	1025	25
lime, white, hard	1025	1100	75
sea rock, soft	1100	1110	10
lime, white, hard	1110	1160	50
sea rock, soft	1160	1210	50
sandstone, hard	1210	1250	40
slate, white, soft	1250	1270	20
sandstone, hard	1270	1300	30
sea rock, soft	1300	1350	50
slate and shells, hard and soft	1350	1380	30
lime, white, hard	1380	1400	20
slate and shells, soft	1400	1420	20
sea rock, soft	1420	1450	30
Little Kanawha sand, hard	1450	1480	30
slate, black, soft	1480	1500	20
sea rock, soft	1500	1510	10
Little Kanawha sand, hard	1510	1570	60
slate, dark, soft	1570	1580	10
sandstone, hard	1580	1650	70
lime, white, soft	1650	1670	20
lime, hard	1670	1700	30
slate, black, soft	1700	1720	20
sand, hard	1720	1740	20
slate, soft	1740	1800	60
sea salt sand, hard	1800	1840	40
slate, black, soft	1840	1900	60
sea salt sand, hard	1900	1970	70

	Top.	Bottom.	Thickness.
slate, dark, soft	1976	- 1990	14
3rd salt band, hard	1990	- 2051	61
slate, soft	2051	- 2071	20
sand, white, hard	2071	- 2100	29
slate and shells, dark, hard and soft	2100	- 2140	40
4th salt band, hard	2140	- 2213	73
5th sand, hard	2213	- 2255	42
6th injun band, hard (gas at 2255')	2255	- 2290	35
slate, white, soft	2290	- 2300	10
slate, hard	2300	- 2700	400
slate and shells, hard and soft	2700	- 2750	50
7th salt band, hard	2750	- 2800	50
slate and shells, hard and soft	2800	- 2870	70
lime, hard	2870	- 2900	30
slate and shells, hard	2900	- 2950	50
slate, white, soft	2950	- 2980	30
8th salt band, hard and soft	2980	- 3000	20
slate, soft	3000	- 3070	70
9th salt band, hard (gas at 3070')	3070	- 3090	20
slate, white, soft	3090	- 3100	10
10th rock, soft	3100	- 3100	0
London Gray sand, hard	3100	- 3180	80
slate, black, soft	3180	- 3180	0
London sand, broken (stop at oil and gas at 3180-3187')	3180	- 3200	20
slate, black, soft	3200	- 3204	4
11th sand, hard	3204	- 3220	16
slate, white, soft	3220	- 3232	12
12th sand, hard (gas at 3232-3237')	3232	- 3237	5
slate, white, soft	3237	- 3300	63
lime, white, hard	3300	- 3400	100
13th sand, hard (gas at 3400')	3400	- 3400	0
total depth		3400 (1)	