

LATITUDE

394730

OGIS  
75' loc

80 32 30

LONGITUDE

7'5 OGIS topo location

7.5' loc	<u>0.75S</u>	15' loc	<u>3.63S</u>
	<u>1.82W</u>	(calc.)	<u>4.02W</u>

Company \_\_\_\_\_

Farm \_\_\_\_\_

LOCATION MAP

Quad Cameron +15' SE

County \_\_\_\_\_

District Liberty

WELL LOCATION MAP

File No. marshall 44

Liberty District, Marshall County, W. Va.  
 Manufacturers Light & Heat Co., Pittsburgh, Pa.  
 On 120 acres, surface owned by J. P. Reid, Cameron, W. Va., and  
 mineral rights by LMAN Co., 800 Union Tr. Bldg., Pgh., Pa.  
 Drilled under permit Mars-44, issued March 5, 1934.  
 Elevation, 1420'.  
 13" conductor, 16"; 10" casing, 272' 3"; 8 1/2", 1585' 4"; 6-5/8",  
 2194' 11"; 4" tubing, 3268' 4".  
 Coal was encountered at 620-625, 713-717, 775-780, 960-965,  
 1070-1076, and 1665-1670'.  
 Completion reported to Dept. of Mines June 25, 1935.  
 Fresh water at 220'.

Mars 44

	Top.	Bottom.
Clay	0	16
Sand	16	40
Slate and lime (water, 220')	40	450
Lime	450	500
Slate and shale	500	535
Red rock	535	555
Gray shale	555	575
Slate and lime	575	620
Coal, black	620	625
Slate and lime	625	698
Shale and slate	698	713
Coal, black	713	717
Lime	717	725
Broken lime	725	750
Bluff Sand	750	775
Waynesburg Coal, black	775	780
Lime and shale	780	845
Lime, hard	845	868
Shale and slate	868	878
Lime	878	960
Mapletown Coal, black	960	965
Lime	965	995
Slate	995	1002
Lime	1002	1050
Slate, black	1050	1070
Pittsburgh Coal, black	1070	1076
Slate and lime	1076	1120
Red rock	1120	1140
Slate, white	1140	1150
Lime, white	1150	1160
Sand	1160	1205
Shale, pink	1205	1225
Slate, white	1225	1250
Red rock	1250	1270
Slate	1270	1280
Murphy Sand	1280	1305
Slate	1305	1329
Lime	1329	1338
Shale, white	1338	1345
Shale and slate, brown	1345	1350
Red rock	1350	1385
Slate and shells	1385	1440
Red rock	1440	1454
Lime	1454	1494

J. P. AND MARY C. WEID NO. 3512 WELL (Continued).

	Top.	Bottom.
✓ Little Dunkard Sand	1494	- 1527
Slate	1527	- 1566
✓ Big Dunkard Sand	1566	- 1610
Shale	1610	- 1665
✓ Coal, black	1665	- 1670
Slate	1670	- 1710
Sand, white	1710	- 1770
Slate, dark	1770	- 1780
Sand, white	1780	- 1790
Slate	1790	- 1795
Sand	1795	- 1810
Slate, black	1810	- 1840
Lime, white	1840	- 1890
Slate and shale	1890	- 1960
✓ 1st Salt Sand <sup>2nd</sup>	1960	- 2000
Broken lime	2000	- 2025
Shale and slate	2025	- 2070
✓ 2nd Salt Sand, hard <sup>3rd</sup>	2070	- 2105
Slate	2105	- 2125
✓ 3rd Salt Sand, white, hard <sup>Maxon</sup>	2125	- 2160
Slate, black	2160	- 2188
✓ Norton Sand, hard	2188	- 2198
✓ Big Lime	2198	- 2244
✓ Big Injun Sand	2244	- 2310
Slate, black (break in Big Injun Sand)	2310	- 2335
✓ Big Injun Sand	2335	- 2452
Slate	2452	- 2460
✓ Squaw Sand, dark, hard	2460	- 2494
Slate and shells, dark	2494	- 2840
Lime, white	2840	- 2845
Sand, white	2845	- 2860
Gritty shale	2860	- 2885
Slate and shale	2885	- 2940
Pink rock	2940	- 2970
Slate and shells	2970	- 3027
✓ 50-Ft. Sand (gas, 3035-3037')	3027	- 3053
Shale and shells	3053	- 3088
✓ Gordon Sand	3088	- 3114
Shale and shells	3114	- 3153
✓ 4th Sand	3153	- 3166
Slate and shells, to bottom	3166	- 3290

JOHN REID NO. 3512 WELL.

Liberty District, Marshall County, W. Va.

By Manufacturers Light & Heat Co.

Completed May 3, 1934.

Record from Mr. Schillhahn Sept. 30, 1939.

	Top.	Bottom.
Pittsburgh Coal	1070	- 1076
Murphy Sand	1280	- 1305
Little Dunkard Sand	1494	- 1527
Big Dunkard Sand	1566	- 1610
Gas Sand	1710	- 1770
1st Salt Sand	1960	- 2000
2nd Salt Sand	2070	- 2105
3rd Salt Sand	2125	- 2169
Merton Sand	2188	- 2198
Big Injun Sand	2244	- 2310
Big Injun Sand (D.D.)	2335	- 2452
Squaw Sand	2460	- 2494
50-Foot Sand (gas, 3035-3037')	3027	- 3053
Gordon Sand	3088	- 3114
4th Sand	3153	- 3166
Total depth		3250