

LATITUDE

39 49

00 04 08

LONGITUDE

OGIS
7.5' loc ←

7.5 OGIS topo location

7.5' loc	<u>2.55S</u>	15' loc	<u>2.55S</u>
	<u>0.27W</u>	(calc.)	<u>2.49W</u>

Company _____

Farm _____

Quad Wilkeyville, Littleton + 15' N

County _____

District Proctor

WELL LOCATION MAP

File No. Wot. 141



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle Littleton

WELL RECORD

straps

Permit No. WET-141-R

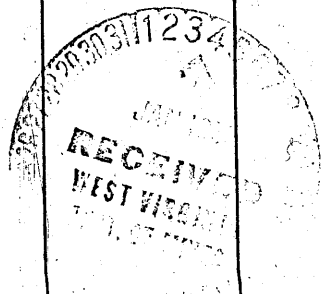
Oil or Gas Well gas
(KIND)

Company THE MANUFACTURERS LIGHT AND HEAT COMPANY
Address 800 UNION TRUST BLDG., PGH., PA.
Farm J. D. Rush Acres 90
Location (waters) _____
Well No. 3537 Elev. 1171'
District Procter County Wetzel
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced April 2, 1955
Drilling completed July 15, 1955
Date Shot _____ From _____ To _____
With _____
Open Flow 2/10ths Water in 3/8 Inch
_____ /10ths Merc. in _____ Inch
Volume 1,559 Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water _____ feet _____ feet
Salt water _____ feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			
10		1018' 10"	Size of
8 1/4		1516' 2"	
6 1/2 7		2010' 3"	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Clg. out to				2385	Schlumberger measurement		
Stone			2385	2360			
Cement			2360	2340			
Red Clay			2340	2250			
Stone			2250	2230			
Cement			2230	2200			
Clay			2200	2150			
Stone			2150	2125			
Lead Plug				2125			
Cement			2125	2026			
Red Clay			2026	2021			
Total Depth				2021			



Proctor District, Wetzel County, W. Va.

By The Manufacturers Light & Heat Co., 800 Union Trust Bldg.,
Pittsburgh, Pa.Drilled under permit Wet-141, issued.....1937.

On 90 acres.

Elevation, 1171' L.

Surface owned by J. A. Rush, Howard, W. Va., and minerals by The
Manufacturers Light & Heat Co., Pittsburgh, Pa.Drilling commenced Feb. 8, 1937; completed, April 15, 1937.

Dry hole.

Fresh water, 150' and 890'; salt water at 1315'.

10" casing, 1022' 4" (175' left in); 8" casing, 1525' 1" (pulled);
6", 2090' (pulled).

Coal was encountered at 550-554, 890-895, and 990-995'.

Completion reported to Dept. of Mines June 28, 1937.

Record to RCT from Mrs. Griffith Sept. 2, 1938.

	Top.	Bottom.
Clay, yellow	0	16
Lime, white, hard	16	25
Shale, dark, soft	25	75
Lime, white, hard	75	100
Shale, dark, soft (water, 150')	100	180
Sand, dark, hard	180	195
Lime, white, hard	195	220
Red rock, soft	220	260
Shale, white, soft	260	300
Lime, white, hard	300	320
Shale, gray, soft	320	400
Sand, gray, hard	400	440
Slate, black, soft	440	490
Lime, white, hard	490	500
Slate, black, soft	500	550
✓ Coal, black, soft	550	554
Lime, white, hard	554	620
Shale, gray, soft	620	640
Lime, white, hard	640	700
Slate, black, soft	700	720
Red rock, soft	720	740
Sand, gray, hard	740	765
Lime, white, hard	765	800
Slate, dark, soft	800	815
Lime, white, hard	815	890
✓ Huplatom (Sewickley) Coal, black, soft (water in coal)	890	895
Lime, white, hard	895	950
Slate, gray, soft	950	970
Lime, white, hard	970	980
Slate, gray, soft	980	990
✓ Pittsburgh Coal, black, soft (water in coal)	990	995
Lime, white, hard	995	1010
Slate, gray, soft	1010	1020
Lime, white, hard	1020	1040
Red rock, soft	1040	1070
Slate, gray, soft	1070	1150
✓ Sand, gray, hard	1150	1200

(OVER)

	Top.	Bottom.
Red rock, soft	1200	- 1220
Slate, gray, soft	1220	- 1280
✓ Little Dunkard Sand, white, hard	1280	- 1295
Red rock, soft	1295	- 1320
Slate, light, hard	1320	- 1390
Sand, light, hard	1390	- 1400
Slate, dark, soft	1400	- 1440
Slate, light, soft	1440	- 1470
✓ Big Dunkard Sand, gray, hard	1470	- 1499
Slate, light, soft	1499	- 1505
Lime, light, hard	1505	- 1520
Slate, white, soft	1520	- 1526
✓ Sand, gray, hard <i>Gas Sand</i>	1526	- 1545
Slate, white, soft	1545	- 1555
Lime, black, soft	1555	- 1650
✓ Sand, white, hard <i>2nd G.R.</i>	1650	- 1685
Slate and shells, dark	1685	- 1790
✓ Big Salt Sand Salt Sand, white, hard (water, 1810- <i>15'</i> 1815')	1790	- 1830
Slate, black, soft	1830	- 1840
Lime, white	1840	- 1850
Shale, black, soft	1850	- 1890
Slate and shells, gray, hard	1890	- 1915
Gritty lime, gray, hard	1915	- 1949
✓ Sand, gray, hard <i>3rd Salt</i>	1949	- 1965
Lime, dark, hard	1965	- 1995
✓ Maxton Sand (water, 2019')	1995	- 2025
✓ Little Lime, dark, hard	2025	- 2037
✓ Pencil Cave, dark, soft	2037	- 2057
✓ Big Lime, white, hard	2057	- 2117
✓ Big Injun Sand, gray, hard (water, 2225-2230')	2117	- 2370
Shale, black, soft	2370	- 2440
Gritty lime, white, hard	2440	- 2453
Slate and shells	2543	- 2522
✓ Berea Grit <i>W.C.</i>	2522	- 2590
Slate and shells, gray, hard	2590	- 2730
✓ 50-Ft. Sand <i>Berea</i>	2730	- 2752
Slate and shells	2752	- 2823
Red rock, soft	2823	- 2870
Slate and shells	2870	- 2943
✓ Gordon Stray Sand (reduced hole at 2945')	2943	- 2968
Slate and shells	2968	- 2995
✓ Gordon Sand	2995	- 2999
Slate and shells	2999	- 3196
Total depth		3196