



COAL OWNED BY STATE OF WEST VIRGINIA

- New Location..
- Drill Deeper.....
- Abandonment.....

✓ D 112 1548
 11.31 4.76

Company THE MANUFACTURERS LIGHT AND HEAT CO
 Address 800 UNION TRUST BLDG. PITTSBURGH PA.
 Farm JENNIE POTTS
 Tract _____ Acres 128A140P Lease No. 2164
 Well (Farm) No. 2 Serial No. 1889
 Elevation (Spirit Level) 1462
 Quadrangle LITTLETON
 County WETZEL District GRANT
 Engineer *J. L. M...*
 Engineer's Registration No. _____
 File No. INV. BK-16-P.17. Drawing No. Y-10-969
 Date DECEMBER 3-1943 Scale 1" = 800'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP

File No. WET-460-A

• Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown
 — Denotes one inch spaces on border line of original tracing.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

915

WELL RECORD

460-A
Permit No. Drilled in 1916

Oil or Gas Well Gas
(KIND)

Company The Mfrs Light & Heat Company
Address 800 Union Trust Bldg., Pittsburgh, Pa.
Farm W. F. Potts (Gemie) Acres 129
Location (waters) (Gemie)
Well No. 2 - 1889 Elev. 1462 ft.
District Grant County Netzel
The surface of tract is owned in fee by Joseph Shiben
Address New Martinsville, WV
Mineral rights are owned by The Mfrs Light & Heat Co.
800 Union Trust Bldg. Address Pittsburgh, Pa.
Drilling commenced 5/25/16
Drilling completed 9/8/16
Date Shot From To
With

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10	415	415	Size of
8 1/4	1725	1725	<u>53/16x65/8</u>
6 5/8	2465	2465	Depth set
5 3/16			<u>2425</u>
4"	2534	2534	Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure -90- lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water _____ feet _____ feet
Salt water _____ feet _____ feet

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT 1235 FEET 84 INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Pittsburgh Coal			1235	1242			
Murphy Sand			1375	1440	Gas 1385'		
Little Dunkard			1685	1705			
Big Dunkard			1720	1725			
Gas Sand			1865	1915			
1st Salt Sand			1995	2080	Show of gas at 2015'		
2nd Salt Sand			2100	2130	Water at 2018'		
Slate			2130	2190			
3rd Salt Sand			2190	2245			
Slate & Shells			2245	2430			
Little Lime			2430	2445			
Pencil Cave			2450	2455			
Big Lime			2455	2521	Show of gas 2536'		
Big Injun			2521	2720	Gas 2593 to 2598		
50-Foot Sand			2720	3276			
30-Foot			3276	3300			
Gordon Stray			3305	3330			
Gordon Sand			3365	3399			
4th Sand			3406	3414			
Slate			3414	3457			
Total depth				3457			



