

COAL OWNED BY Littleton Fuel Company
Uniontown Pa.

NEW LOCATION...
 DRILL DEEPER...
 ABANDONMENT...

4.77 S
 0.77 W

COMPANY The Manufacturers Light and Heat Co.
 ADDRESS 800 Union Trust Building Pittsburgh Pa.
 FARM W.P. Hubbard o.g. Saml Potts.
 TRACT _____ ACRES 22 LEASE No. 5690
 WELL (FARM) No. 1 SERIAL No. 1887
 ELEVATION (SPIRIT LEVEL) 1155'
 QUADRANGLE Littleton S.E. 1/4
 COUNTY Wetzel DISTRICT Grant
 ENGINEER [Signature]
 ENGINEER'S REGISTRATION No. _____
 FILE No. _____ DRAWING No. Y-13-149
 DATE Dec. 10-48 SCALE 1" = 400'

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

WELL LOCATION MAP

File No. Wet-765-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

1225

Ab-765-A

WELL RECORD

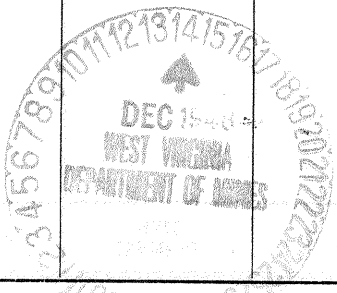
Permit No. _____ Oil or Gas Well _____
(KIND)

Company The Manufacturers Light & Heat Company
Address 800 Union Trust Building
Farm W. P. Hubbard Acres 23
Location (waters) _____
Well No. 1887 Elev. _____
District Grant County Wetzel
The surface of tract is owned in fee by Liberty Holding Co.
Address Fairmont, W.Va.
Mineral rights are owned by The Mfrs. Light & Heat Co.
800 Union Trust Bldg. Address Pittsburgh, Pa.
Drilling commenced March 10th, 1916
Drilling completed May 4th, 1916
Date Shot _____ From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume _____ 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	309	309	Size of <u>8x4</u>
8 1/4	1305-7	1305-7	Depth set <u>1507</u>
6 3/8			
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 820 FEET 60 INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Clay			0	50			
Slate & Lime			50	100			
Red Rock			100	150			
Slate, Lime & Rock			150	200			
Slate			200	250			
Slate & Shells			250	300			
Sand			300	350			
Red Rock			350	400			
Slate			400	450			
Slate & Lime			450	500			
Little Lime			500	550	?		
1st Salt Sand			550	600	?		
Clay			600	650			
Red Rock			650	700			
Slate			700	750			
Slate, Lime & Shells			750	820			
Pittsburgh Coal			820	825	Gas in Coal		
Clay			825	900			
Sand			900	930			
Murphy Sand			930	965			
Red Rock			965	1065			
Slate			1065	1165			
Sand			1165	1200			
Little Dundard			1200	1290	?		
Clay			1290	1298	?		
Big Dundard			1298	1360	?		
Sand			1360	1375			
Lime			1375	1450			
Gas Sand			1450	1525			
Clay			1525	1594			
First Salt Sand			1594	1611	Gas at 1603 to 1611		
Completed			1611				



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks

Date December 13th, 1948

APPROVED THE MANUFACTURERS LIGHT & HEAT COMPANY, Owner

By *J. D. Cooper*
(Title) LAND AGENT.