



COAL OWNED BY BUFTON COAL COMPANY
 3 W. W. BOOTH UNION TRUST BLDG PGH.-PA.

NEW LOCATION
 DRILL DEEPER
 ABANDONMENT X

✓ MAR 19 1946 2.71 W
 2657.69 8

COMPANY THE MANUFACTURERS LIGHT & HEAT CO.
 ADDRESS 800 UNION TRST BLD'G PGH.-PA.
 FARM E. E. LOUGH
 TFACT ACRES 78.55 LEASE NO 9395
 WELL (FARM) NO. 1 SERIAL NO 3137
 ELEVATION (SPIRIT LEVEL) 1210'
 QUAD FANGLE MANNINGTON, N.W.
 COUNTY WETZEL DISTRICT CHURCH
 ENGINEER J. C. MEICER
 ENGINEER'S REGISTRATION NO. _____
 FILE NO. WELL BK 14P.37 DRAWING NO. Y-11-220
 DATE FEB. 20, 1946 SCALE 1" = 800'

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

WELL LOCATION MAP

FILE NO WET - 519A

† 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

E. E. LOUGH No. 1 (3137) - M. L. & H. Co. - WET-519-A



981

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

AP 519-A
Permit No. Drilled in 1926

Oil or Gas Well Gas
(KIND)

Company The Manufacturers Light & Heat Company
Address 800 Union Trust Bldg., Pittsburgh, Pa.
Farm E. E. Lough Acres 78
Location (waters) _____
Well No. 3137 Elev. 1210 ft
District Church County Wetzel
The surface of tract is owned in fee by A. E. Lough
Address Hundred, WVa.
Mineral rights are owned by The Mfrs L & H Co.
800 Union Trust Bdg Address Pittsburgh, Pa.
Drilling commenced 7/4/26 5/12/28
Drilling completed 10/19/26 7/10/28
Date Shot _____ From _____ To _____
With _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
18			
10	294' 3"	294' 3"	Size of
8 3/4	1502' 4"	1502' 4"	8 1/4 x 4"
6 3/4	2129' 7"	60' 3"	Depth set
5 3/16			1194' 4"
4"		1194' 4"	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 108 lbs 10 hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water _____ feet
Salt water _____ feet

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT 830 FEET 72 INCHES
940 FEET 84 INCHES 1300 FEET 48 INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Clay			0	15			
Lime			15	600			
Dark Slate			600	615			
Lime			615	755			
Red Rock			755	760			
Mapletown Lime			760	830			
Mapletown Coal			830	836			
Lime & Slate			836	940			
Fgh Coal			940	947			
Slate & Lime			947	1000			
Red Rock			1000	1100			
Slate, Lime & Shells			1100	1130			
Murphy Sand			1130	1140			
Slate & Lime			1140	1218			
Red Rock			1218	1235			
Slate & Lime			1235	1255			
Red Rock			1255	1270			
Slate & Lime			1270	1300			
Coal			1300	1304			
Slate & Lime			1304	1318			
Red Rock			1318	1340			
Little Dunkard			1340	1365			
Slate & Lime			1365	1440			
Big Dunkard			1440	1510			
Slate & Shells			1510	1606			
Gas Sand			1606	1637			
Slate & Shells			1637	1672			
1st Salt Sand			1672	1695			Show of gas 1679-1682
Slate			1695	1725			
2nd Salt Sand			1725	1731			Gas at 1729 to 1731
Slate		DRILLING DEEPER	1731	1870			
3rd Salt Sand			1870	1900			
Slate			1900	1910			
Sand			1910	1965			
Slate			1965	2035			
Red Rock			2035	2090			
Lime & Slate			2090	2128			
Pencil Cave			2128	2130			

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Big Lime			2130	2190			
Big Injun			2190	2145	Show of gas	2263 - 2268	
Slate & Lime			2145	2880	do		
50-Foot Sand			2880	2937	do	2225	
30-Foot Sand			2937	2952	do	2939 - 2940	
Slate			2952	2977			
Stray Sand			2977	2997			
Slate			2997	3012			
Gordon Sand			3012	3014			
Slate			3014	3080			
4th Sand			3080	3109			
Slate			3109	3168 3168			
5th Sand			3168	3174	Show of gas	3209	
Slate & Shells			3174	3209			
Sand			3209	3213			
Slate			3213	3225			
Total depth				3225			
				1731			
				1494			

New Fig.

Date February 27th, 194 6

APPROVED THE MANUFACTURERS LIGHT & HEAT COMPANY, Owner

By Paul Cooper (Title) Land Agent.