

COAL OWNED BY COAL OWNED BY STATE OF W.VA.

NEW LOCATION
 DRILL DEEPER
 ABANDONMENT

✓ APR 28 1947 5.37 J.47 R

1.61W

COMPANY The Manufacturers Light and Heat Co.
 ADDRESS 800 Union Trust Building, Pittsburgh Pa.
 FARM Caleb Freeland Heirs
 TRACT 1 ACRES 61.5 LEASE NO. 2919
 WELL (FARM) NO. 1 SERIAL NO. 1142
 ELEVATION (SPIRIT LEVEL) 1092'
 QUADRANGLE Mannington
 COUNTY Wetzel DISTRICT Church
 ENGINEER J. L. Mercer
 ENGINEER'S REGISTRATION NO. _____
 FILE NO. _____ DRAWING NO. Y-11-331
 DATE April 16-47 SCALE 1" = 800'

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

WELL LOCATION MAP
 FILE NO. WET-563-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.

CALEB FREELAND HEIRS No. 1 (1142) - M. L. & H. Co. - WET-563-A



1021

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

Permit No. 163-A

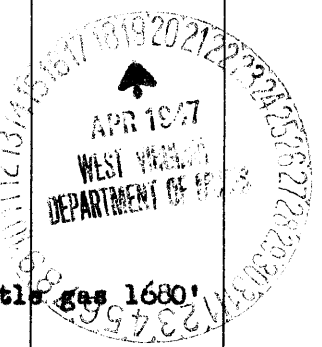
Oil or Gas Well Gas
(KIND)

Company The Manufacturers Light & Heat Company
Address 800 Union Trust Bldg., Pgh. Penna.
Farm Caleb Freeland Acres 61.5
Location (waters) _____
Well No. 1112 Elev. 1092'
District Church County Netzel
The surface of tract is owned in fee by Caleb Freeland Hrs.
Hundred, W. Va. Address _____
Mineral rights are owned by The Mfrs. Lt & Ht. Company
800 Union Trust Bldg., Address Pittsburgh, Penna.
Drilling commenced October 12, 1905
Drilling completed December 9th, 1905
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 |
| 18 | | | |
| 10 | | | Size of |
| 8 1/4 | 1234' | | |
| 6 1/2 | 2018' | 2018' | 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 180 FEET 60 INCHES
732 FEET 72 INCHES 830 FEET 96 INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

| Formation | Color | Hard or Soft | Top | Bottom | Oil, Gas or Water | Depth Found | Remarks |
|----------------------|-------|--------------|------|--------|---|-------------|---------|
| Sand & Shale | | | 0 | 110 | Big Injun gas shut in with packing head between 6-5/8 and 4" 1st Minute Pressure was 25# and rock after being shut in 1 hour 250# | | |
| Bluff Sand | | | 110 | 180 | | | |
| Fairview Coal | | | 180 | 185 | | | |
| Slate & Sand | | | 185 | 732 | | | |
| Mapletown Coal | | | 732 | 738 | | | |
| Slate & Sand | | | 738 | 830 | | | |
| Pittsburg Coal | | | 830 | 838 | | | |
| Slate & Sand | | | 838 | 998 | | | |
| Murphy Sand | | | 998 | 1030 | | | |
| Slate & Shale | | | 1030 | 1300 | | | |
| Big Dunkard Sand | | | 1300 | 1350 | | | |
| Slate & Shale | | | 1350 | 1475 | | | |
| Gas Sand | | | 1475 | 1555 | | | |
| Slate & Shale | | | 1555 | 1630 | | | |
| Salt Sand | | | 1630 | 1690 | Very little gas 1680' | | |
| Slate & Shale | | | 1690 | 1785 | | | |
| 2nd Streak Salt Sand | | | 1785 | 1900 | | | |
| Slate & Shells | | | 1900 | 1936 | | | |
| Maple Sand | | | 1936 | 1986 | Gas at 1951' | | |
| Slate & Shells | | | 1986 | 1990 | | | |
| Big Lime | | | 1990 | 2045 | | | |
| Big Injun Sand | | | 2045 | 2285 | Little gas at 2085' | | |
| Slate & Shells | | | 2285 | 2600 | | | |
| Thirty Foot Shells | | | 2600 | 2670 | | | |
| Slate & Shale | | | 2670 | 2765 | | | |
| Gantz Sand | | | 2765 | 2780 | | | |
| Slate & Shale | | | 2780 | 2820 | | | |
| Fifty Foot Sand | | | 2820 | 2840 | | | |
| Slate & Shale | | | 2840 | 2850 | | | |
| Thirty Foot Sand | | | 2850 | 2875 | Gas at 2851-only a little | | |
| Gordon Stray Sand | | | 2875 | 2895 | | | |
| Slate & Shale | | | 2895 | 2934 | | | |
| Gordon Sand | | | 2934 | 2987 | | | |
| Slate | | | 2987 | 3014 | Gas from 3010 to 3026 - Total Depth | | |
| Fourth Sand | | | 3014 | 3020 | | | |
| Total Depth | | | | 3026 | | | |



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

Date April 18, 1947

APPROVED THE MANUFACTURERS LIGHT & HEAT COMPANY Owner

By J. B. Cooper LAND AGENT.
(Title)