



COAL OWNED BY J.E. Higgins Reader, W. Va.

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

S 3.18  
 W 2.91

COMPANY The Manufacturers Light And Heat Co  
 ADDRESS 800 Union Trust Bldg. Pittsburgh Pa.  
 FARM J.E. Higgins  
 TRACT \_\_\_\_\_ ACRES 60 LEASE No. 7951  
 WELL (FARM) No. 1 SERIAL No. 2516  
 ELEVATION (SPIRIT LEVEL) 980'  
 QUADRANGLE Littleton  
 COUNTY Wetzel DISTRICT Green  
 ENGINEER John A. Landa  
 ENGINEER'S REGISTRATION No. \_\_\_\_\_  
 FILE No. \_\_\_\_\_ DRAWING No. Y-13-381  
 DATE April 20, 1950 SCALE 1" = 800'

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

**WELL LOCATION MAP**

FILE No. WET-852

+ 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

1302

WELL RECORD

Permit No.                     

Oil or Gas Well                       
(KIND)

Company The Manufacturers Light & Heat Company  
Address 800 Union Trust Bldg., Pittsburgh, Pa.  
Farm Mary Furbee Acres 60  
Location (waters) J.S. Higgins - Pitt  
Well No. 2516 Elev.                       
District Green County Wetzel  
The surface of tract is owned in fee by Joseph Shiben  
New Martinsville, W. Va. Address                       
Mineral rights are owned by The Mfrs. Light & Heat Co.  
800 Union Trust Bldg. Address Pittsburgh, Pa.  
Drilling commenced June 3, 1920  
Drilling completed September 4, 1920  
Date Shot                      From                      To                       
With                     

| Casing and Tubing | Used in Drilling | Left in Well | Packers        |
|-------------------|------------------|--------------|----------------|
| Size              |                  |              |                |
| 16                |                  |              | Kind of Packer |
| 18                |                  |              |                |
| 10                | 160              |              | Size of        |
| 8 1/4             | 1210             |              |                |
| 6 3/4             | 1936' 3"         |              | Depth set      |
| 5 3/16            | 2605' 2"         |              |                |
| 3                 |                  |              | 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                      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 701 FEET 12 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  |       |              | 701  | 702    |                   |             |         |
| Lime             |       |              | 702  | 717    |                   |             |         |
| Slate            |       |              | 717  | 760    |                   |             |         |
| Sand             |       |              | 760  | 800    |                   |             |         |
| Slate            |       |              | 800  | 1065   |                   |             |         |
| Little Dunkard   |       |              | 1065 | 1080   |                   |             |         |
| Slate            |       |              | 1080 | 1108   |                   |             |         |
| Big Dunkard      |       |              | 1108 | 1165   |                   |             |         |
| Slate            |       |              | 1165 | 1190   |                   |             |         |
| Gas Sand         |       |              | 1190 | 1230   |                   |             |         |
| Slate            |       |              | 1230 | 1520   |                   |             |         |
| Sand             |       |              | 1520 | 1760   |                   |             |         |
| Slate            |       |              | 1760 | 1815   |                   |             |         |
| Maxon Sand       |       |              | 1815 | 1835   |                   |             |         |
| Slate            |       |              | 1835 | 1871   |                   |             |         |
| Little Line      |       |              | 1871 | 1881   |                   |             |         |
| Slate            |       |              | 1881 | 1885   |                   |             |         |
| Big Lime         |       |              | 1885 | 1958   |                   |             |         |
| Engine Sand      |       |              | 1958 | 2210   |                   |             |         |
| Slate and Shells |       |              | 2210 | 2335   |                   |             |         |
| Gantz Sand       |       |              | 2335 | 2480   |                   |             |         |
| Slate and Shells |       |              | 2480 | 2780   |                   |             |         |
| Gordon Sand      |       |              | 2780 | 2812   |                   |             |         |
| TOTAL DEPTH      |       |              | 2812 |        |                   |             |         |

Spring Gauge Test  
1st. Min. 40#  
2nd. Min. 50#  
3rd. Min. 55#  
4th. Min. 58#  
5th. Min. 65#  
Rock in 2 hrs. 80#  
6/10" Mercury in 2" Opening.

Gas at 1960'  
Water Sand 2073'  
Gas at 2781' & 2797'



