



| | |
|-----------------------------|------------------------|
| Company | Hathaway & Lewis |
| Address | Grantsville, W. Va |
| Farm | Blatt Bros. |
| Tract | One Acres 45 Lease No |
| Well (Farm) No | One Serial No. 8-1 |
| Quadrangle | Littleton |
| County | Wetzel |
| District | Proctor |
| Engineer | Logan McDonald |
| Engineer's Registration No. | 610 |
| File No | Drawing No |
| Date | 11-17-36 Scale 400' 1" |

STATE OF WEST VIRGINIA
 Department of Mines
 OIL AND GAS DIVISION
 Charleston

WELL LOCATION MAP

File No WET-143

Denotes location of well on U. S. 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

Littleton

WELL RECORD

Permit No. WET-143-REDRILL

Oil or Gas Well GAS
(KIND)

Company THE MANUFACTURERS LIGHT AND HEAT COMPANY
Address 800 Union Trust Bldg., Pgh., Penna.
Farm Clarence Blatt Acres 45
Location (waters) _____
Well No. 1-4221 Elev. 1251.98'
District Proctor County Wetzel
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced June 19, 1953
Drilling completed September 4, 1953
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 | | | Kind of Packer |
| 16 | | | |
| 18 | | | |
| 10 | | 397' | Size of |
| 8 1/4 | | 1536'6" | |
| 6 3/8 | | | Depth set |
| 5 3/16 | | 2119'3" | |
| 3 | | | Perf. top |
| 2 | | | Perf. bottom |
| Liners Used | | | Perf. top |
| | | | Perf. bottom |

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

| Formation | Color | Hard or Soft | Top | Bottom | Oil, Gas or Water | Depth Found | Remarks |
|--------------------|-------|--------------|------|--------|-------------------|-------------|---|
| *Top of Maxon Sand | | | 2083 | | | | Schlumberger Measurement |
| Set Lead Plug | | | 2103 | | | | |
| " " " | | | 2102 | | | | 5 1/2" Casing Centralizers set at following depth: |
| Total Depth | | | 2102 | | | | |
| | | | | 1 | 1061'4" | | |
| | | | | 2 | 1293'7" | | |
| | | | | 3 | 1479'9" | | |
| | | | | 4 | 1709'1" | | |
| | | | | 5 | 1868'2" | | |
| | | | | 6 | 1999'8" | | |
| | | | | 7 | 2100'0" | | |
| | | | | | | | NOTE: 1 - 8 1/4 x 5 3/16" anchor packer set at 2100'8" with 15' of perforated anchor below Packer |

