



COAL OWNED BY _____

NEW LOCATION.....

DRILL DEEPER.....

ABANDONMENT.....

0-25-28

COMPANY THE MANUFACTURERS LIGHT & HEAT

ADDRESS 800 UNION TRUST BLDG. PGH. PA.

FARM JASON GRAY

TRACT _____ ACRES 71 LEASE No. 2262

WELL (FARM) No. 1 SERIAL No. 2345

ELEVATION (SPIRIT LEVEL) 868'

QUADRANGLE CAMERON-SC

COUNTY MARSHALL DISTRICT LIBERTY

ENGINEER Thomas E. Virgin M.

ENGINEER'S REGISTRATION No. 1503

FILE No. _____ DRAWING No. Y-15-723

DATE MARCH 24, 1958 SCALE 1" = 800'

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

WELL LOCATION MAP

FILE No. MARS-322-D

+ 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

Quadrangle Cameron

WELL RECORD

Permit No. MARS-322-D

Oil or Gas Well GAS
(KIND)

| | | | | |
|--|-------------------|------------------|--------------|----------------|
| Company <u>The Manufacturers Light and Heat Company</u> | Casing and Tubing | Used in Drilling | Left in Well | Packers |
| Address <u>800 Union Trust Building, Pgh. 19, Penna.</u> | Size | | | Kind of Packer |
| Farm <u>Jason Gray</u> Acres <u>71</u> | 16 | | | |
| Location (waters) | 18 | | | |
| Well No. <u>2345</u> Elev. <u>868'</u> | 10" | 249 | 249 | Size of |
| District <u>Liberty</u> County <u>Marshall</u> | 8 1/4" | 605 | 955 | Depth set |
| The surface of tract is owned in fee by | 6% | | | |
| Address | 5 3/16" | 1612 | 1612 | |
| Mineral rights are owned by | 3 | | | Perf. top |
| Address | 2 | | | Perf. bottom |
| Drilling commenced <u>January 29, 1958</u> | Liners Used | | | Perf. top |
| Drilling completed <u>May 15, 1958</u> | | | | Perf. bottom |
| Date Shot From To | | | | |
| With | | | | |
| Open Flow /10ths Water in Inch | | | | |
| /10ths Merc. in Inch | | | | |
| Volume <u>26</u> 13,693 Cu. Ft. | | | | |
| Rock Pressure <u>26</u> lbs. <u>72</u> hrs. | | | | |
| Oil bbls., 1st 24 hrs. | | | | |
| Fresh water feet | | | | |
| Salt water feet | | | | |

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

| Formation | Color | Base or Thickness | Top | Bottom | Oil, Gas or Water | Depth Found | Remarks |
|--------------------------|-------|-------------------|------|---------------------|--|-------------|---------|
| Schlumberger Well Survey | | | | | | | |
| ✓ Pittsburgh Coal | | 5 | 478 | 483 | All Casing Measured over Threads Run 249' of 10-3/4" Casing, Smls. H. 32# on a Steel Shoe. Cemented with 160 bags Cement, 15.2 lbs. per gallon. Good Cement return at surface. Run 605' of 8-5/8" Casing, Smls. J 24# and connected it to 350' of original 8-1/4" Casing with a Steel Die Nipple. Cemented with 200 bags of Cement, 15.2 lbs. per gallon. Good Return of Cement at the surface. Run 1612' of 5-1/2" Casing, Smls. J 17# on a Steel Shoe set at 1600'. Six 5/1/2" x 8-5/8" Centralizers were spaced at following Depths. 220-440-660-880-1100 and 1320'. Cemented with 400 Bags Cement 15.5 lbs. per gallon. Good return of Cement at the surface. Drilled Injun Sand down from 1717' to 1861' total depth. | | |
| ✓ Little Lime | | 8 | 1523 | 1531 | | | |
| ✓ Pencil Cave | | 30 | 1531 | 1561 | | | |
| ✓ Big Lime | | | 1561 | | | | |
| ✓ Big Injun Sand | | | | 1861 | | | |
| Total Depth | | | | 1861 | | | |
| 5-1/2" Shoe Set at | | | | 1600 | | | |
| | | | | 1861 1717 144 | | | |

