



COAL OWNED BY M. A. Hanna Coal Company

- NEW LOCATION Storage
- RECONDITION
- DRILL DEEPER
- ABANDONMENT

"I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

Minimum degree of accuracy is one part in 2500

Signed Robert M. Heell 36/E (JF)

| | | | |
|---------------------------|---|------------|------------------|
| COMPANY | <u>The Manufacturers Light And Heat Company</u> | | |
| ADDRESS | <u>800 Union Trust Bldg. Pittsburgh, Penna.</u> | | |
| FARM | <u>Hazel Teagarden</u> | | |
| MAP | <u>P-25/3</u> | ACRES | <u>260</u> |
| WELL (FARM) NO. | <u>5</u> | SERIAL NO. | <u>L-4772</u> |
| ELEVATION (SPIRIT LEVEL) | <u>1294'</u> | | |
| QUADRANGLE | <u>Littleton</u> | <u>15'</u> | <u>NO</u> |
| COUNTY | <u>Marshall</u> | DISTRICT | <u>Liberty</u> |
| POINT OF PROVEN ELEVATION | <u>U.S.G.S. B.N. B-127</u> | | |
| FILE NO. | <u>Y-25-771</u> | | |
| DATE | <u>June 5, 1963</u> | SCALE | <u>1" = 800'</u> |

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON
WELL LOCATION MAP
FILE NO. MARS-506

+ 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 Littleton

Permit No. MARS-506

WELL RECORD

Storage
GAS

Oil or Gas Well

(KIND)

Company The Mfrs. Lt. and Ht. Co.
Address 800 Union Trust Bldg., Pittsburgh 19, Pa.
Farm Hazel Teagarden Acres 260
Location (waters) _____
Well No. 4772 Elev. 1294.00'
District Liberty County Marshall
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____

Drilling commenced July 17, 1963
Drilling completed July 25, 1963
Date Shot 7/25/63 From Maxton To Big Injun
With Pitot Tube
Open Flow 5.6 /10ths Water in _____ Inch
4 1/2 /10ths Merc. in _____ Inch
Volume 4,560,000 Cu. Ft.
Rock Pressure 645 lbs. 48 hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water _____ feet
Salt water _____ feet

| Casing and Tubing | Used in Drilling | Left in Well | Packers |
|-------------------|------------------|--------------|----------------|
| Size | | | |
| 10 | | | Kind of Packer |
| 12 3/8" | 27' | 27' | |
| 10 | | | Size of |
| 8 5/8" | 1152' | 1152' | |
| 6 1/2" | 2329' | 2329' | Depth set |
| 5 1/2" | | | |
| 2 | | | Perf. top |
| 2 | | | Perf. bottom |
| Liners Used | | | Perf. top |
| | | | Perf. bottom |

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT 976 FEET _____ 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 | | | 976 | 987 | | | |
| Big Dunkard Sand | | | 1482 | 1552 | | | |
| First Salt Sand | | | 1635 | 1660 | | | |
| Maxton Sand | | | 1998 | 2012 | Perforated | 1998' to 2012' | |
| ✓ Lower Maxton Sand | | | 2058' | 2072 | | | |
| Big Lime | | | 2074 | 2118 | | | |
| Big Injun Sand | | | 2120 | | Perforated | 2124 to 2134 | |
| | | | | | Perforated | 2144 to 2148 | |
| | | | | | Perforated | 2256 to 2260 | |
| Total Depth | | | | 2301 | | | |
| 5 1/2" Float Shoe @ | | | | 2329 | | | |
| 5 1/2" Insert Float Valve | | | | 2319 | | | |

2074
1294
780

