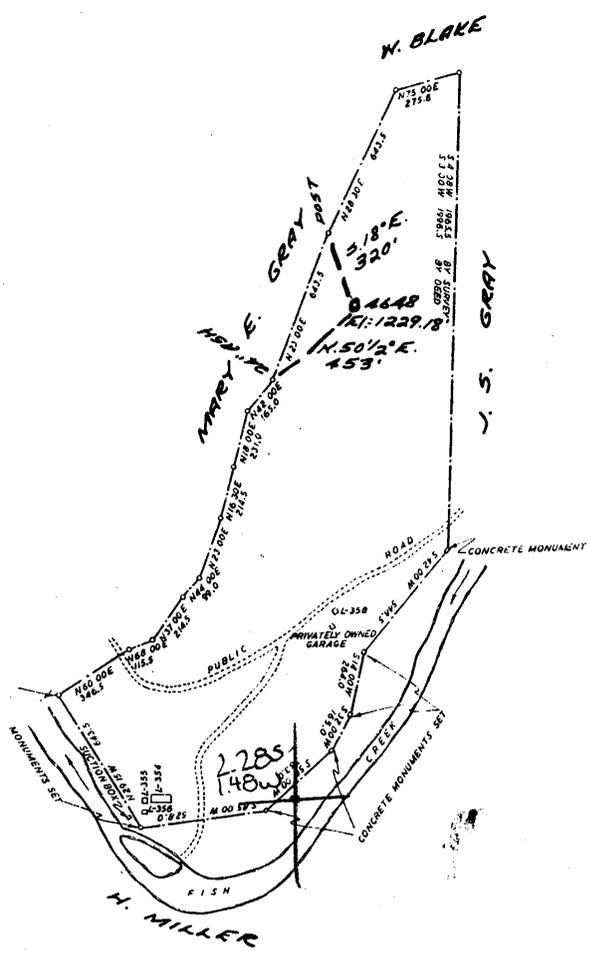


0  
1  
2  
3

LATITUDE 39 ° 50  
39 47 30

LONGITUDE 80 ° 35



5.03 S  
1.57 W

+

COAL OWNED BY \_\_\_\_\_

NEW LOCATION.....

DRILL DEEPER.....

ABANDONMENT.....

0-25-28

COMPANY THE MANUFACTURERS LIGHT & HEAT

ADDRESS 800 UNION TRUST BLDG., PGM. PA.

FARM M.L. & H. CO.

TRACT \_\_\_\_\_ ACRES 55 LEASE NO. 2261

WELL (FARM) NO. 2 SERIAL NO. 4648

ELEVATION (SPIRIT LEVEL) 1229.18'

QUADRANGLE CAMERON SC

COUNTY MARSHALL DISTRICT LIBERTY

ENGINEER Robert McNeill (J.F.)

ENGINEER'S REGISTRATION NO. 361-E

FILE NO. \_\_\_\_\_ DRAWING NO. Y-26-381

DATE 20 JUNE 61 SCALE 1" = 800'

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

### WELL LOCATION MAP

FILE NO. MARS-420

+ 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.

9025



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

Quadrangle Cameron

Permit No. MARS-420

WELL RECORD

Oil or Gas Well GAS (STORAGE)  
(KIND)

Company The Manufacturers Lt. and Ht. Co.  
Address 800 Union Trust Bldg., Pittsburgh 19, Pa.

Farm The Mfrs. Lt. and Ht. Co. Acres 55

Location (waters) \_\_\_\_\_

Well No. L-4648 Elev. 1252'

District Liberty County Marshall

The surface of tract is owned in fee by \_\_\_\_\_  
Address \_\_\_\_\_

Mineral rights are owned by \_\_\_\_\_  
Address \_\_\_\_\_

Drilling commenced October 19, 1961

Drilling completed November 9, 1961

Date Shot 11/9/61 From 1942 To 1955

With Pitot Tube

Open Flow 29 Lbs. x 20ths water in 4 1/2" Inch  
/10ths Merc. in Inch

Volume 15,670,000 Cu. Ft.

Rock Pressure 785 lbs. 24 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 3/8"	85'	85'	
10			Size of
8 5/8"	946'	946'	
<del>8 1/2"</del> 5 1/2"	2013'	2013'	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 916 FEET \_\_\_\_\_ INCHES

\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

Formation	Color	THICKNESS	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Pittsburgh Coal		7	916	923			
First Salt Sand		10	1735	1745			
Maxton Sand		50	1928	1978	Gas in Maxton @ 1942'		
Big Lime			2006				
Big Injun				2182	Gas in Big Injun 2170', not drilled through		
<p>Maxton Sand Perf. 11/9/61 by Schlumberger Well Survey Corp., 200 Shots, Crack Jets, from 1928' to 1978'. Max Depth logged by Schlumberger 2053'</p>							
<p>Note: Drilled 17-1/2" Hole to 107', Run 87' of 13-3/8" Casing Sm. Gr. H-48#, bottom beveled, &amp; cemented w/125 Bg. Cement, 1 Bg. Jel Flakes &amp; 17 Bg. C. Chloride, 14.5# per gallon, good return of cement at surface. Drilled 12-1/4" Hole to 971', Run 948' of 8 5/8" Casing Sm. Gr. J-24# on a Float Shoe set at 946'. Cemented w/450 Bg. Cement, 10 Bg. Aquagel &amp; 2 Bg. Hydrotan, 14.3# per gal., good return of cement at surf. Drilled 7-7/8" Hole to 2023', Run 2017' of 5-1/2" Casing Sm. Gr. J-17# on a Float Guide Shoe set at 2013'. Cemented w/450 Bg. Cement &amp; 2 Bg. Hydrotan, 14.3# per gal., good return of cement at surface. 4-3/4" Hole drilled to total depth of 2182'. (Ground Level)</p>							