



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

NEW LOCATION...

DRILL DEEPER...

ABANDONMENT...

COMPANY THE MANUFACTURERS LIGHT & HEAT

ADDRESS 800 UNION TRUST BLDG. PGM. PA.

FARM Y. B. PYLES

TRACT \_\_\_\_\_ ACRES 33 LEASE NO. 8871

WELL (FARM) NO. 2 SERIAL NO. 4665

ELEVATION (SPIRIT LEVEL) 1210.7'

QUADRANGLE Littleton NC

COUNTY MARSHALL DISTRICT LIBERTY

ENGINEER Robert McNeil J.F.

ENGINEER'S REGISTRATION NO. 361-E

FILE NO. \_\_\_\_\_ DRAWING NO. Y-25-396

DATE 13 JULY 61 SCALE 1" = 800'

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

**WELL LOCATION MAP**

FILE NO. MARS-423

+ 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-423

**WELL RECORD**

Oil or Gas Well Storage GAS  
(KIND)

Company The Manufacturers Lt. and Ht. Co.  
Address 800 Union Trust Bldg., Pittsburgh 19, Pa.  
Farm V. B. Pyles Acres 33  
Location (waters) \_\_\_\_\_  
Well No. L-4665 Elev. 1200'6"  
District Liberty County Marshall  
The surface of tract is owned in fee by \_\_\_\_\_  
Address \_\_\_\_\_  
Mineral rights are owned by \_\_\_\_\_  
Address \_\_\_\_\_  
Drilling commenced September 13, 1961  
Drilling completed December 6, 1961  
Date Shot 12/6/61 From Big Injun & Maxton  
With Pitot Tube  
Open Flow 9 Lbs. in 4 1/2" Inch  
10ths Merc. in Inch  
Volume 8,250,000 Cu. Ft.  
Rock Pressure 770 lbs. 24 hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
Fresh water \_\_\_\_\_ feet  
Salt water \_\_\_\_\_ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13 3/8"	91'	91'	
10			Size of
8 5/8"	989'	989'	
6 5 1/2"	2043'	2043'	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 915 FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

Formation	Color	Hardness SOFT	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
		THICKNESS					
Pittsburgh Coal			915	921			
2nd Salt			1820	1840			
Maxton Sand			1924	1964			
Big Lime			2024				
Big Injun							
Total Depth				2207			Not drilled through.
Maxton Sand Perforated by Schlumberger Well Survey Corp. 1924' to 1930' Bullets 1926' to 1964' Steel Cower Jets, Max. Depth Logged by Schlumberger was 2056'							Note: 17-1/2" Hole drilled to 107', Run 92' of 13-3/8" Casing Sm. Gr. H-48#, beveled on bottom, cemented W/125 Bg. cement, 1 Bg. Jel Flakes & 17 Bg. Cal. Chloride, 14.5# per gal., good return of cement at surface. Drilled 12-1/4" Hole to 1027', Run 997' of 8-5/8" Csg. Sm. Gr. J-24# on A Float Shoe and Cem. W/550 Bg. Cement & 15 Bg. Aquagel, 14.3# per gal., good return of cement at surface. Drilled 7-7/8" Hole to 2050', Run 2052' of 5-1/2" Casing Sm. Gr. J-17# on a Formation Packer Shoe. Cemented W/600 Bg. Cement & 2 Bg. Hydrotan, 14.4# per gal., good return of cement at surface. 4-3/4" Hole drilled to total depth of 2207'.