



LATITUDE 39 ° 50 ' 1

LONGITUDE 80 ° 32' 30"

COAL OWNED BY \_\_\_\_\_  
 REDRILL & RECONDITION

NEW LOCATION...

DRILL DEEPER...

ABANDONMENT...

30045 C, P, OPI

COMPANY THE MANUFACTURERS LIGHT & HEAT

ADDRESS 800 UNION TRUST BLDG. PCH. PA.

FARM J. CLOUSTON

TRACT \_\_\_\_\_ ACRES 85 LEASE No. 30513

WELL (FARM) No. 1 SERIAL No. 4589

ELEVATION (SPIRIT LEVEL) 1423'

QUADRANGLE CAMERON SE

COUNTY MARSHALL DISTRICT LIBERTY

ENGINEER Thomas E. Virgin M.

ENGINEER'S REGISTRATION No. 1503

FILE No. \_\_\_\_\_ DRAWING No. Y-25-212

DATE 17 AUG. 60 SCALE 1" = 800'

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

WELL LOCATION MAP

FILE No. MARS-396-R

*Storage*

+ 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.

9-02024



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

Quadrangle CAMERON

Permit No. MARS-396-REDRILL

**WELL RECORD**

STORAGE  
Oil or Gas Well GAS  
(KIND)

Company The Manufacturers Light and Heat Co.  
Address 800 Union Trust Bldg., Pittsburgh 19, Pa.  
Farm James Clouston Acres 86  
Location (waters) \_\_\_\_\_  
Well No. L-4589 Elev. 1423'  
District Liberty County Marshall  
The surface of tract is owned in fee by \_\_\_\_\_  
Address \_\_\_\_\_  
Mineral rights are owned by \_\_\_\_\_  
Address \_\_\_\_\_  
Drilling commenced August 10, 1960  
Drilling completed January 5, 1961  
Date Shot 1/5/61 From 2300' To 2408'  
With Orifice Well Tester  
Open Flow 30 /10ths Water in 1-1/4 Inch  
\_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
Volume 70,744 Cu. Ft.  
Rock Pressure 175 lbs. 96 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			
16 "	Pipe for conductor	27'	Kind of Packer _____
13			
10 3/4"	233'	233'	Size of _____
8 1/2 5/8"	1116'	1545'	
6 1/2 7"	2027'	2188'	Depth set _____
5 3/16			
4 1/2"	2300'	2300'	Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
COAL WAS ENCOUNTERED AT 1057 FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
		THICKNESS					
✓ Pittsburgh Coal		10	1057	1067			
✓ Big Dunkard Sand		70	1520	1590			
✓ Maxton Sand		41	2046	2087			
✓ Lower Maxton Sand		7	2160	2167			
✓ Big Lime			2188				
✓ Big Injun Sand				2467			
Old 7" Casing		600	1588	2188	2188		
4 1/2" Shoe set at				2300			
TOTAL DEPTH				2408	1423		
					765		

(Over)

396-

Liberty District, Marshall County, W. Va.  
 Guy B. & A. G. Patterson, Cameron, W. Va.  
 On 100 acres, surface owned by J. C. Clouston Heirs, Cameron, W. Va.,  
 and mineral rights by J. M. Rine Heirs, Glen Easton, W. Va.  
 Drilled in April, 1923.  
 Elevation, 1440'.  
 18" conductor, 20': 10" casing, 234': 8 1/2", 1545': 6-5/8", 2200'.  
 Abandonment report to Dept. of Mines not dated; but filed Sept. 17, 1934.  
 Well was not shot.  
 Gas well.

MARS-40-A

	Top.	Bottom.
Waynesburg Coal, black, hard	771	773
Mepletown Coal, black, hard	950	958
Pittsburgh Coal, black, hard	1050	1057
Big Dunkard Sand, gray, soft	1560	1585
Big Lime, dark, hard	2170	2195
Big Injun Sand, gray, hard (gas, 2300-2315')	2212	2440
50-Ft. Sand, gray, hard (gas, 3025- 3028')	3010	3035
Gordon Sand, gray, hard (gas, 3080- 3082')	3080	3108
5th Sand, gray, hard (gas)	3140	3144
Total depth		3160