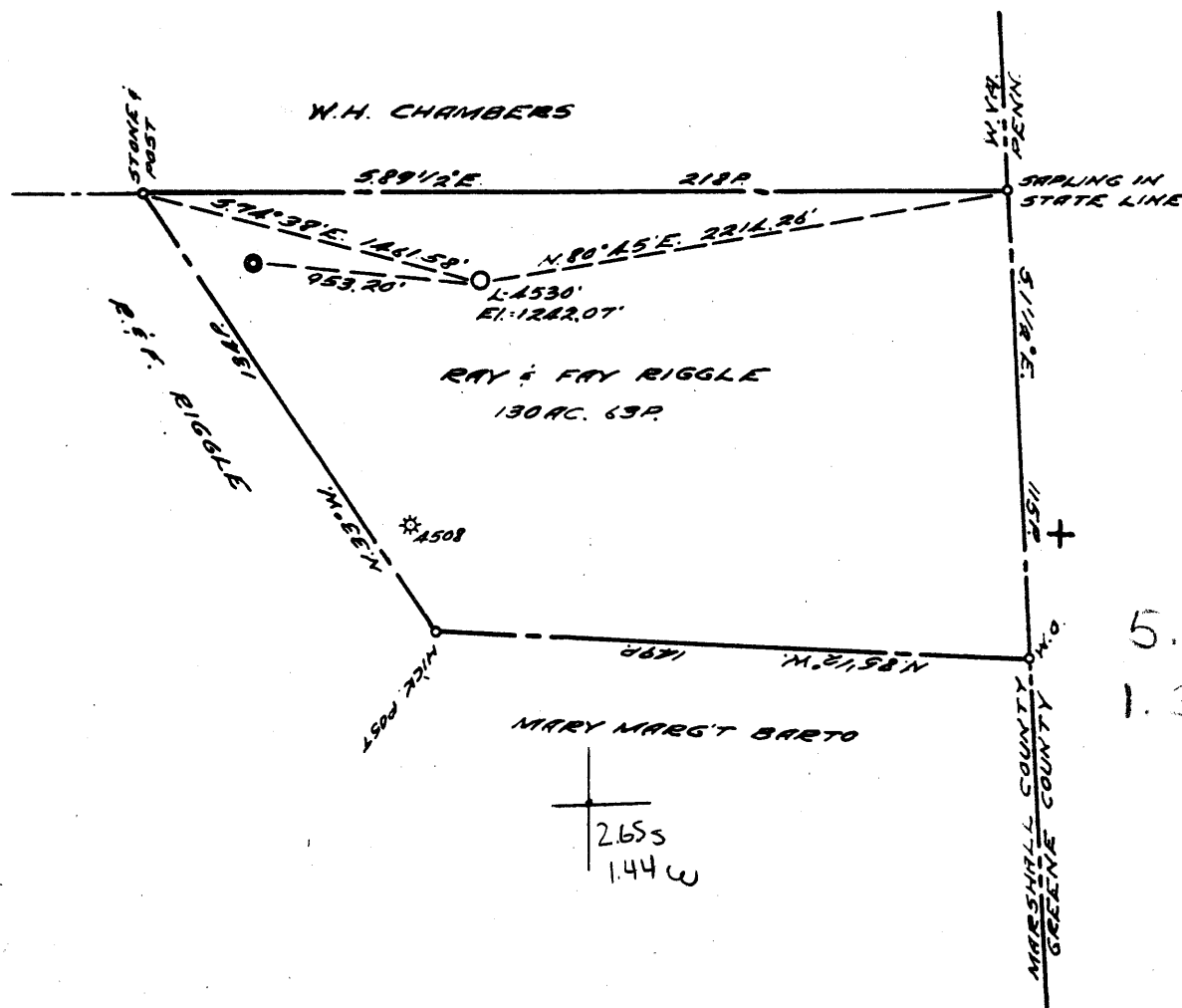


LATITUDE 40 0 00  
 39 57'30"  
 LONGITUDE 80 0 30'



COAL OWNED BY \_\_\_\_\_  
 RECONDITION ✓  
 NEW LOCATION...   
 DRILL DEEPER...   
 ABANDONMENT...

0-25-10

COMPANY THE MANUFACTURERS LIGHT & HEAT  
 ADDRESS 800 UNION TRUST BLDG. PGH. PA.  
 FARM RAY & FAY RIGGLE  
 TRACT \_\_\_\_\_ ACRES 140 LEASE No. 19926  
 WELL (FARM) No. 3 SERIAL No. 4530  
 ELEVATION (SPIRIT LEVEL) 1242.07'  
 QUADRANGLE CAMERON NE  
 COUNTY MARSHALL DISTRICT WEBSTER  
 ENGINEER A. Streater M.  
 ENGINEER'S REGISTRATION No. 9422  
 FILE No. \_\_\_\_\_ DRAWING No. Y-15-878  
 DATE 19 JAN. 1959 SCALE 1" = 800'

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

WELL LOCATION MAP

FILE No. MAR-339-B

+ 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.

9-0 22



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

Quadrangle Cameron

WELL RECORD

Permit No. MARS-338-Redrill

Oil or Gas Well GAS STORAGE  
(KIND)

Company The Manufacturers Light and Heat Company  
Address 800 Union Trust Bldg., Pittsburgh 19,  
Farm Ray and Fay Riggle Acres 140  
Location (waters) \_\_\_\_\_  
Well No. 4530 Elev. 1242.07'  
District Webster County Marshall  
The surface of tract is owned in fee by \_\_\_\_\_  
Address \_\_\_\_\_  
Mineral rights are owned by \_\_\_\_\_  
Address \_\_\_\_\_  
Drilling commenced April 6, 1959  
Drilling completed September 5, 1960  
Date Shot 9/2/60 From Big Injun  
With Orifice Well Tester  
Open Flow 12 /10ths Water in \_\_\_\_\_ Inch  
21 /10ths Merc. in \_\_\_\_\_ Inch  
Volume 626,000 Cu. Ft.  
Rock Pressure 647 lbs. 72 hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
Fresh water \_\_\_\_\_ feet  
Salt water Possible - 1656 feet

Casing and Pa. Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer _____
13 3/8"	92'	92'	
10 3/4"	735'6"	735'6"	Size of _____
8 1/2 5/8"	1350'6"	1350'6"	
6 1/2 7"	1834'6"	1834'6"	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 704 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					
<input checked="" type="checkbox"/> Pittsburgh Coal		5	704	709			
<input checked="" type="checkbox"/> Sand		40	1164	1204			
<input checked="" type="checkbox"/> Big Dunkard		28	1260	1288			
<input checked="" type="checkbox"/> Gas Sand (broken)		56	1354	1410			
<input checked="" type="checkbox"/> Sand		34	1513	1547			
<input checked="" type="checkbox"/> Salt Sand (broken)		49	1607	1656	Possible Water - 1656'		
<input checked="" type="checkbox"/> Maxton Sand		55	1693	1748			
<input checked="" type="checkbox"/> Big Lime		34	1754	1788			
<input checked="" type="checkbox"/> Big Injun			1804				
Total Depth				1933			
				1754 1742 512			
					1878 - 1885 1889 - 1902 1904 - 1911 1913 - 1922		

