



COAL OWNED BY _____
 RECONDITION _____
 NEW LOCATION.....
 DRILL DEEPER.....
 ABANDONMENT.....

0-25-10

COMPANY THE MANUFACTURERS LIGHT & HEAT
 ADDRESS 800 UNION TRUST BLDG, DGH. PA.
 FARM MAY ELDER
 TRACT _____ ACRES 300 LEASE No. 19487
 WELL (FARM) No. 9 SERIAL No. 4566
 ELEVATION (SPIRIT LEVEL) 1196.40'
 QUADRANGLE CAMERON NE
 COUNTY MARSHALL DISTRICT WEBSTER
 ENGINEER A. C. Streater M.
 ENGINEER'S REGISTRATION No. 9444
 FILE No. _____ DRAWING No. Y-25-158
 DATE 26 APR. 1960 SCALE 1" = 800'

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

WELL LOCATION MAP

FILE No. MARS-382-R

+ 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 CAMERON

Permit No. MARS-382-R

WELL RECORD

Oil or Gas Well GAS

Storage
GAS

Company <u>The Manufacturers Light and Heat Co.</u>	Casing and Pa. Tubing	Used in Drilling	Left in Well	Packers
Address <u>800 Union Trust Building, Pittsburgh 19,</u>	Size			
Farm <u>May Elder</u> Acres <u>300</u>	16			Kind of Packer
Location (waters)	13 <u>3/8"</u>	<u>123'</u>	<u>123'</u>	
Well No. <u>L-4566</u> Elev. <u>1196.40'</u>	10 <u>3/4"</u>	<u>272'</u>	<u>272'</u>	Size of
District <u>Webster</u> County <u>Marshall</u>	<u>8 1/2 5/8"</u>	<u>689' 4"</u>	<u>1130'</u>	
The surface of tract is owned in fee by _____	<u>6 5/8 7"</u>	<u>1682' 6"</u>	<u>1682' 6"</u>	Depth set
Address _____	<u>5 3/16</u>			
Mineral rights are owned by _____	<u>4 1/2"</u>	<u>1844' 10"</u>	<u>1844' 10"</u>	Perf. top
Address _____	<u>2</u>			Perf. bottom
Drilling commenced <u>June 1, 1960</u>	Liners Used			Perf. top
Drilling completed <u>January 16, 1961</u>				Perf. bottom
Date Shot _____ From _____ To _____				
With _____				
Open Flow _____ /10ths Water in _____ Inch				
_____ /10ths Merc. in _____ Inch				
Volume <u>5,870,000</u> Cu. Ft.	CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____			
Rock Pressure <u>560</u> lbs. <u>72</u> hrs.				
Oil _____ bbls., 1st 24 hrs.	COAL WAS ENCOUNTERED AT <u>655</u> FEET _____ INCHES			
Fresh water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Pittsburgh Coal		6	655	661			
Lime		8	692	700			
Gas Sand		56	1314	1370			
1st Salt Sand		59	1391	1450			
3rd Salt Sand		125	1582	1707			
Big Lime		20	1738	1758			
Big Injun			1758				
Possible original total depth - 1834' New 5" hole drilled from 1834' 1877'				1877			
TOTAL DEPTH							
		THICKNESS					
					Pay Zones determined by correlation		
					1st Pay 1825 - 1830'		
					2nd Pay 1838 - 1847'		
					3rd Pay 1851 - 1864'		
					Original 7" left in hole from 1768' to 1834' had been perforated previously to produce the 1st pay.		
					4 1/2" Tubing stopped at 1845'; 22' off of bottom		