

LATITUDE  $39^{\circ} 0' 55''$

0.075  
1.95W

LONGITUDE  $80^{\circ} 0' 30''$

.03s  
191W

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 WILLIAM T. PHILLIPS  
 TRACT \_\_\_\_\_ ACRES 138 LEASE No. 27245  
 WELL (FARM) No. 2 SERIAL No. 4525  
 ELEVATION (SPIRIT LEVEL) 1258.60'  
 QUADRANGLE CAMERON EC  
 COUNTY MARSHALL DISTRICT WEBSTER  
 ENGINEER W. H. Strator M.  
 ENGINEER'S REGISTRATION No. 9442  
 FILE No. \_\_\_\_\_ DRAWING No. Y-15-880  
 DATE 19 JAN. 1959 SCALE 1" = 800'

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

WELL LOCATION MAP

FILE No. 77985-337-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.

9-025

Storage



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

Quadrangle Cameron

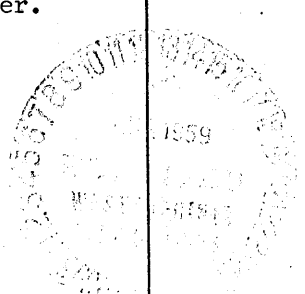
WELL RECORD

Permit No. MARS-337-REDRILL

Oil or Gas Well Storage Gas  
(KIND)

Company <u>The Manufacturers Light and Heat Company</u>	Casing and Tubing	Used in Drilling	Left in Well	Packers
Address <u>800 Union Trust Building, Pgh. 19, Penna.</u>	Size			
Farm <u>William T. Phillips</u> Acres <u>138</u>	16			Kind of Packer
Location (waters)	13"	62'10"	62'10"	
Well No. <u>4525</u> Elev. <u>1258.60'</u>	10			Size of
District <u>Webster</u> County <u>Marshall</u>	8 1/2"	1173'	1173'	Depth set
The surface of tract is owned in fee by	7 1/2"	1879'	1879'	
Mineral rights are owned by	5 3/16			Perf. top
Drilling commenced <u>February 13, 1959</u>	3			Perf. bottom
Drilling completed <u>June 22, 1959</u>	2			Perf. top
Date Shot From To	Liners Used			Perf. bottom
With				
Open Flow /10ths Water in _____ Inch	CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____			
_____ /10ths Merc. in _____ Inch	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Volume <u>2,239,000</u> Cu. Ft.	_____ FEET _____ INCHES _____ FEET _____ INCHES			
Rock Pressure <u>702</u> lbs. <u>72</u> hrs.	_____ FEET _____ INCHES _____ FEET _____ INCHES			
Oil _____ bbls., 1st 24 hrs.				
Fresh water _____ feet _____ feet				
Salt water _____ feet _____ feet				

Formation	Color	Hard or Soft THICKNESS	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
SCHLUMBERGER	GAMMA RAY	SURVEY			Abandoned well	redrilled	for storage
✓Pittsburgh Coal		5	722	727	Elevation -	1258.60'	(Original Ground Level)
Sand		55	1130	1185	Depth Datum -	Derrick Floor -	same as original ground level
Big Dunkard		36	1284	1320	13 3/8" (48#, H-40) Csg. Pt.	-62'10" Cemented	
Gas Sand		34	1398	1432	with 90 bags.	2/18/59	
3rd Salt Sand		28	1666	1694	Original 10" shoulder -	140'	
Maxton Sand		41	1735	1776	8 5/8" (24#, J-55) Csg. Pt.	- 1173' Cemented	
Big Lime		15	1802	1817	with 275 bags	3/25/59	
Big Injun			1836		7" (20#, J-55) Csg. Pt.	- 1879' Cemented	
Cleaned out to Original depth of 2020' and cemented back. Cement drilled out to 1898'.					Gas at 1898'	Cemented plug appeared solid but possibility of gas shanneling from lower depth (See below)	
TOTAL DEPTH				1898			
5/4/59	Open flow 2,239,000 cu.ft/day R.P. 702 psi with considerable free water. Different types of surveys were run in the well to determine the possibility of separating the gas from the water and for correlation purposes with other wells of similar status. The temperature survey indicated a possibility pay above the fluid level at 1906'. The other logs showed a zone of invasion from 1899' to 1942' (Filter cake) with possible pays at (1903 - 1906'), (1916 - 1924) & (1930 - 1942) The upper two zones correlate with the storage zones on other wells. The zone (1930-1942) correlates with the zone of well L-1545 (Orig. record & G.R.N.) which made a hole full of water.						
6/19/59	Open flow 2,239,000 cu. ft/day with very little water.						



1802  
1259  
543