



COAL OWNED BY _____

NEW LOCATION STORAGE

DRILL DEEPER

ABANDONMENT

0-25-10

COMPANY THE MANUFACTURERS LIGHT & HEAT CO.

ADDRESS 800 UNION TRUST BLDG. PCH. PA.

FARM JOHN & EMMA CROW

TRACT _____ ACRES 830 LEASE NO. 2900

WELL (FARM) NO. 12 SERIAL NO. 4623

ELEVATION (SPIRIT LEVEL) 1242.67'

QUADRANGLE CANECON - NE

COUNTY MARSHALL DISTRICT WEBSTER

ENGINEER Robert McNeill D.C.

ENGINEER'S REGISTRATION NO. _____

FILE NO. _____ DRAWING NO. Y-25-320

DATE 17 MAR. 61 SCALE 1" = 800'

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

WELL LOCATION MAP

FILE NO. MARS-413-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.

9-0 22



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle CAMERON

Permit No. MARS-413

WELL RECORD

Oil or Gas Well GAS
(KIND)

Company The Manufacturers Lt. and Ht. Co.
Address 800 Union Trust Bldg., Httsburgh, 19, Pa.
Farm John and Emma Crow Acres 330
Location (waters) _____
Well No. L-4623 Elev. 1240.27G.L. 16
District Webster County Marshall
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced July 20, 1961
Drilling completed August 12, 1961
Date Shot 8/9/61 From 1847 ^{Big Injun} To 1882
With Side Static
Open Flow 42 ^{10ths} Water in _____ Inch
42 ^{10ths} Merc. in 4 Inch
Volume 36,000,000 Cu. Ft.
Rock Pressure 578 lbs. 72 hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water 87 feet
Salt water _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
13 3/8"	97'6"	97'6"	
10			Size of
8 5/8"	745'	745'	
6 3/4"			Depth set
5 1/2"	1814'	1814'	
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____

COAL WAS ENCOUNTERED AT 701 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		7	701	708	Water - 87'		
Sand Stringer		4	1260	1264	Show of gas - 1262'		
Sand		45	1381	1426			
No. 1st. Salt Sand		-	-	-			
Sand		27	1503	1530			
3rd. Salt Sand		141	1608	1749	Gas - 1631-1639'-2 MMCF/day (Est)		
Big Injun			1787	1886	Water - Little Show - 1659'		
Total Depth				1886	Started to Drill with Gas at 1637'. Drilled to 1822' and Cemented 5 1/2" Cas. Drilled to T.D. with Gas from bottom of 5 1/2" Casing.		