



COAL OWNED BY _____

NEW LOCATION FOR STORAGE

DRILL DEEPER

ABANDONMENT

0-2510

COMPANY THE MANUFACTURERS LIGHT & HEAT

ADDRESS 800 UNION TRUST BLDG. PGH. PA.

FARM JOHN & EMMA CROW

TRACT _____ ACRES 330 LEASE NO. 2900

WELL (FARM) No. 17 SERIAL No. 4699

ELEVATION (SPIRIT LEVEL) 1389.80'

QUADRANGLE CAMERON NE

COUNTY MARSHALL DISTRICT WEBSTER

ENGINEER John A. Loudon (O.G.)

ENGINEER'S REGISTRATION No. 12710

FILE No. _____ DRAWING No. Y-25-573

DATE 20 JUNE 62 SCALE 1" = 800'

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

WELL LOCATION MAP

FILE No. MARS-473

+ 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.

PR 5831-1161

TCP 9-0 22



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle Cameron

Permit No. MARS-473

WELL RECORD

Oil or Gas Well Storage GAS
(KIND)

Company The Mfrs. Lt. and Ht. Co.
Address 800 Union Trust Bldg., Pittsburgh 19, Pa.
Farm John and Emma Crow Acres 330
Location (waters) _____
Well No. 4699 Elev. 1284.25 G.L.
District Webster County Marshall
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced August 8, 1962
Drilling completed October 15, 1962
Date Shot 10/12/62 From Big Injun To
With Pitot Tube
Open Flow 110 psig 10 hrs. Water In _____ Inch
110 psig 4 hrs. Water In _____ Inch
Volume 45,360,000 Cu. Ft.
Rock Pressure 937 lbs. 72 hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water _____ feet
Salt water _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
18 3/8"	90'6"	90'6"	
10			Size of
8 5/8"	816'11"	816'11"	
6 5/8"	1877'4"	1877'4"	Depth set
5 3/16			
8			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

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

COAL WAS ENCOUNTERED AT 729 FEET _____ INCHES
_____ FEET _____ INCHES
_____ FEET _____ INCHES

Formation	Color	Hardness x Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Depth Datum - ground level		THICKNESS					
Pittsburgh Coal		6	729	735			
Gas Sand		55	1387	1442	Show of gas - 1412' & 1440'		
1st Salt Sand		35	1487	1522	Gas - 1490' Est. 500 MCF/day		
3rd Salt Sand		160	1632	1792	Possible Gas - 1712'		
Big Injun			1837				
Drilled 7 7/8" hole to 1882' and cemented 1 1/2" casing at 1877'					Pay Zones: Big Injun		
Drilled 4 3/4" hole to 1938'					1912-1923' Driller		
Total Depth				1938	1923-1928' Driller		
					1930-1933' Driller		

