



COAL OWNED BY _____

NEW LOCATION FOR STORAGE

DRILL DEEPER

ABANDONMENT

0-25-10

COMPANY THE MANUFACTURERS LIGHT & HEAT

ADDRESS 800 UNION TRUST BLDG. PGH. PA.

FARM JOHN AND EMMA CROW

TRACT _____ ACRES 330 LEASE NO. 2900

WELL (FARM) No. 18 SERIAL No. 4700

ELEVATION (SPIRIT LEVEL) 1340.04'

QUADRANGLE CAMERON NE

COUNTY MARSHALL DISTRICT WEBSTER

ENGINEER John A. Loida (O.G.)

ENGINEER'S REGISTRATION No. 12710

FILE No. _____ DRAWING No. V-25580

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-474

+ 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

WELL RECORD

Oil or Gas Well STORAGE GASES
(KIND)

Permit No. MARS-474

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. 4700 Elev. 1340.04
District Webster County Marshall

The surface of tract is owned in fee by _____
Address _____

Mineral rights are owned by _____
Address _____

Drilling commenced June 24, 1962
Drilling completed September 17, 1962
Date Shot 9/14/62 From Big Injun To
With Pitot Tube

Open Flow 16 /10ths Water in _____ Inch
PSIG /10ths Merc. in 4 Inch
Volume 11,010,000 Cu. Ft.
Rock Pressure 878 lbs. 72 hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water 132 feet
Salt water 162 feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer _____
13 3/8"	61'3"	61'3"	
10			Size of _____
8 5/8"	849'3"	849'3"	
6 5/8"	1907'8"	1907'8"	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 793 FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

Formation	Color	THICKNESS	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Depth Datum - Ground		Level					
Pittsburgh Coal		7	793	800	Water - 132'		
1st Salt Sand		39	1540	1579	Gas Show - 1452'		
3rd Salt Sand		146	1700	1846	Gas - 1540' Est. 2000 MCF/day		
Big Lime		20	1870	1890	Water - 1762'		
Big Injun			1890		Pay Zones	1971-1981'	
Drilled 7 7/8" hole to 1912' and cemented 5 1/2" at 1907'8".						2001-2004'	
Drilled 4 3/4" hole to 2008 1/2'.					1870		
Total Depth				2008 1/2'	1340		

