



COAL OWNED BY *M.A. Hanna Coal Co.*
 Storage
 NEW LOCATION
 DRILL DEEPER
 ABANDONMENT

COMPANY *The Manufacturers Light And Heat Co.*
 ADDRESS *800 Union Trust Bldg. Pittsburgh, Penna.*
 FARM *W. H. Loper*
0-25/28 ACRES *101* LEASE NO. *28901*
 WELL (FARM NO. *6*) SERIAL NO. *L-4781*
 ELEVATION (SPIRIT LEVEL) *1248.54'*
 QUADRANGLE *Cameron W. Va. & Pa. 7 1/2' SC*
 COUNTY *Marshall* DISTRICT *Liberty*
U.S.G.S.
B.M. D-127
 FILE NO. _____ DRAWING NO. *Y-25-698*
 DATE *March 19, 1963* SCALE *1" = 400'*

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

WELL LOCATION MAP

FILE NO. *MARS-488*

+ 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

Storage
GAS
(KIND)

WELL RECORD

Quadrangle Cameron
Permit No. MARS-488

Oil or Gas Well _____

Company The Mfrs. Lt. and Ht. Co.
Address 800 Union Trust Bldg., Pittsburgh 19, Pa.
Farm W. H. Loper Acres 101
Location (waters) _____
Well No. 4781 Elev. 1248.54
District Liberty County Marshall
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced April 30, 1963
Drilling completed May 13, 1963
Date Shot 5/13/63 From Maxton To Big Injun
With Orifice Well Tester
Open Flow 2.0 /10ths Water in _____ Inch
1 1/4 /10ths Merc. in _____ Inch
Volume 212,837 Cu. Ft.
Rock Pressure 470 lbs. 24 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"	32'	32'	
10			Size of
8 5/8"	954'	954'	
6"			Depth set
5 1/2"	2220'	2220'	
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT 910 FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

Formation	Color	THICKNESS	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Pittsburgh Coal		6	910	916			
Murphy Sand		20	1030	1050			
Big Dunkard		83	1412	1495			
Maxton Sand		16	1938	1954	Perforated	1938 to 1952'	
Lower Maxton		8	1985	1993			
Big Lime		38	1996	2034			
Big Injun Sand			2036		Perforated	2042 to 2047'	
					Perforated	2052 to 2058	
					Perforated	2130 to 2156'	
Total Depth				2204			
				2220'			
				2204'			

