



Scale increased from 7 1/2\"/>

3.495
2.84W

7.51
1.34S
1.09W

COAL OWNED BY M. R. Hanna Coal Co.

NEW LOCATION
 DRILL DEEPER
 ABANDONMENT

"I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."
Robert M. Auill 361-E (J.F.)

COMPANY THE MANUFACTURERS LIGHT & HEAT CO.
 ADDRESS 800 UNION TRUST BLDG, PGH. PA.
 FARM JOE WHIPKEY
 MAP 0-25-28 ACRES 131 LEASE NO. 2283
 WELL (FARM) NO. 4 SERIAL NO. L-4777
 ELEVATION (SPIRIT LEVEL) 1251.91'
 QUADRANGLE CAMERON W.VA, PA. 7 1/2" 1"=2000'
 COUNTY MARSHALL DISTRICT LIBERTY
 POINT OF PROVEN ELEVATION U.S.G.S. B.M. D-127
On Fish Creek
 FILE NO. _____ DRAWING NO. Y-25-693
 DATE 5 MARCH 63 SCALE 1"=400'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
WELL LOCATION MAP
 FILE NO. MARS-485

+ 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

Permit No. MARS-485

WELL RECORD

Storage
Oil or Gas Well GAS
(MNS)

Company The Mfrs. Lt. and Ht. Co.
Address 800 Union Trust Bldg., Pittsburgh 19, Pa.
Farm Joe Whipkey Acres 13
Location (waters) _____
Well No. 4777 Elev. 1251.91'
District Liberty County Marshall
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____

Drilling commenced April 12, 1963
Drilling completed May 13, 1963
Date Shot 5/13/63 From Lower Maxton Big Injun
With Pitot Tube

Open Flow 11 PSIG /10ths Water in _____ Inch
11 PSIG /10ths Water in 4 1/2 Inch
Volume 9,120,000 Cu. Ft.
Rock Pressure 360 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			Kind of Packer
10			
12 3/8"	35'	32'	
10			Size of
8 5/8"	973'	973'	Depth set
6"			
5 1/2"	2240'	2240'	Perf. top
5			Perf. bottom
5			Perf. top
			Perf. bottom

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

COAL WAS ENCOUNTERED AT 896 FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	THICKNESS	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Pittsburgh Coal		8	896	904			
Murphy Sand		44	1004	1048			
Big Dunkard		37	1373	1410			
3rd Salt Sand		18	1800	1818			
Lower Maxton		21	1977	1998	Perforated	1984 to 1998'	
Big Lime		15	2017	2032	Perforated	2042 to 2050'	
Big Injun			2035		Perforated	2126 to 2147'	
Total Depth				2215			
5 1/2" Float Shoe set at				2240			
5 1/2" Insert Float Valve at				2224			
					2017 1252 765		

