



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

1/2500

COMPANY The Manufacturers Light And Heat Company
 ADDRESS 800 Union Trust Bldg. Pittsburgh, Penna.
 FARM J. H. Miller
0-25/28 ACRES 90 LEASE NO. 2296
 WELL (FARM) NO. A SERIAL NO. L-4767
 ELEVATION (SPIRIT LEVEL) 789.4'
 QUADRANGLE Cameron N. V. & Pa. 7 1/2' 50
 COUNTY Marshall DISTRICT Liberty
U.S.G.S. BM D-127
 FILE NO. _____ DRAWING NO. Y-25-715
 DATE April 1, 1963 SCALE 1" = 800'

John P. H. ... 361-E

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

WELL LOCATION MAP
 FILE NO. MARS-489

+ 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-489

WELL RECORD

Storage
Oil or Gas Well GAS
(HMS)

Company The Mfrs. Lt. and Ht. Co.
Address 800 Union Trust Bldg., Pittsburgh 19, Pa.
Farm J. H. Miller Acres 90
Location (waters) _____
Well No. 4767 Elev. 789.40'
District Liberty County Marshall
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced May 6, 1963
Drilling completed May 15, 1963
Date Shot 5/15/63 From Maxton To Big Injun
With Pitot Tube
Open Flow /10ths Water in _____ Inch
2.4/10ths Merc. in 4 1/2 Inch
Volume 2,980,000 Cu. Ft.
Rock Pressure 390 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			
10			Kind of Packer
18 <u>3/8"</u>	<u>113'</u>	<u>113'</u>	
10			Size of
8 <u>5/8"</u>	<u>501'</u>	<u>501'</u>	
8 <u>5 1/2"</u>	<u>1769'</u>	<u>1769'</u>	Depth set
5 8/16			
8			Perf. top
8			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT 448 FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

Formation	Color	THICKNESS	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Pittsburgh Coal		7	448	455	Show of Gas		
Murphy Sand		20	560	580			
2nd Salt Sand		20	1255	1275			
3rd Salt Sand		15	1355	1370			
Maxton Sand		4	1500	1504	Perforated	1500' to 1504'	
Big Lime		48	1520	1568			
Big Injun Sand			1572		Perforated	1676' to 1702'	
Total Depth				1766'			
Shoe							
5 1/2" Float/Set at				1769'			
				1520			
				789			
				731			

