



COAL OWNED BY M. A Hanno Coal Company

- NEW LOCATION Storage
- RECONDITION
- 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."
 Minimum degree of accuracy is one part in 200

Signed Robert H. Neill 361-E
 JF

COMPANY The Manufacturers Light And Heat Company
 ADDRESS 800 Union Trust Bldg. Pittsburgh Penna.
 FARM Clel Evans
 MAP P-25/2 ACRES 100 LEASE NO. 26802
 WELL (FARM) NO. 3 SERIAL NO. L-4769
 ELEVATION (SPIRIT LEVEL) 1168'
 QUADRANGLE Littleton NU
 COUNTY Marshall DISTRICT Liberty
 POINT OF PROVEN ELEVATION U.S.G.S. B.M. A-127
 FILE NO. Y-25-748
 DATE May 17, 1963 SCALE 1" = 400'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
 WELL LOCATION MAP
 FILE NO. MARS-502

+ 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

WELL RECORD

Oil or Gas Well GAS
(KIND)

Quadrangle Littleton

Permit No. MARS-502

Company The Mfrs. Lt. andHt. Co.
Address 800 Union Trust Bldg., Pittsburgh 19, Pa.
Farm Clel Evans Acres 100
Location (waters) _____
Well No. 4769 Elev. 1168.00'
District Liberty County Marshall
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced July 26, 1963
Drilling completed August 5, 1963
Date Shot 8/5/63 From Maxton To _____
With Pitot Tube

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
18 <u>3/8"</u>	30'	30'	
10			Size of
8 <u>5/8"</u>	932'	932'	
6 <u>5/8"</u>			Depth set
5 <u>1/2"</u>	2229'	2229'	
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Open Flow 80 /10ths Water in _____ Inch
4 1/2 /10ths Merc. in _____ Inch
Volume 5,450,000 Cu. Ft.
Rock Pressure 600 lbs. 48 hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water _____ feet
Salt water _____ feet

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT 866 FEET _____ INCHES
_____ FEET _____ INCHES
_____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Pittsburgh Coal			866	873			
Big Dunkard Sand			1362	1392			
First Salt Sand			1516	1536			
Third Salt Sand			1798	1810			
Maxton Sand			1854	1894			
Lower Maxton Sand			1942	1958			
Big Lime			1961	2010			
Big Injn Sand			2012				
Total Depth				2219'			
5 1/2" Float Shoe				2229			
5 1/2" Insert Float Check Valve				2219			
					Perforated	1886 to 1894	
					1961		
					1168		
					793		

