



COAL OWNED BY M. A. Hanna 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 2400

Signed Robert M. Heilbrunn (Jr.)

COMPANY	<u>The Manufacturers Light And Heat Company</u>		
ADDRESS	<u>800 Union Trust Bldg Pittsburgh, Penna.</u>		
FARM	<u>Clell Erans</u>		
MAP	<u>P-25/3</u>	ACRES	<u>100</u>
WELL (FARM) NO.	<u>6</u>	LEASE NO.	<u>26802</u>
ELEVATION (SPIRIT LEVEL)	<u>1235'</u>	SERIAL NO.	<u>L-4804</u>
QUADRANGLE	<u>Littleton</u>	<u>15' NC</u>	
COUNTY	<u>Marshall</u>	DISTRICT	<u>Liberty</u>
POINT OF PROVEN ELEVATION	<u>U.S.G.S. B.M. B-127</u>		
FILE NO.	<u>Y-25-783</u>	DRAWING NO.	<u>Y-25-783</u>
DATE	<u>June 27, 1963</u>	SCALE	<u>1"=400'</u>

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
WELL LOCATION MAP
 FILE NO. MARS-513

+ 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 Littleton

Permit No. MARS-513

WELL RECORD

Storage
Oil or Gas Well GAS
(KIND)

Company The Mfrs. Lt. and Ht. Co.
Address 800 Union Trust Bldg., Pittsburgh 19, Pa.
Farm Clell Evans Acres 100
Location (waters) _____
Well No. 4804 Elev. 1235.00'
District Liberty County Marshall
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced July 3, 1963
Drilling completed August 9, 1963
Date Shot 8/9/63 From Maxton To _____
With Pitot Tube
Open Flow 16 /10ths Water in _____ Inch
PSIG / MERC 1000 in 4 1/2 Inch
Volume 11,010,000 Cu. Ft.
Rock Pressure 600 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			
18 3/8"	35'	35'	Kind of Packer
10			Size of
8 5/8"	963'	963'	Depth set
6 5/8"			
5 1/2"	2283'	2283'	Perf. top
3			Perf. bottom
2			Perf. top
1			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT 913 FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

Formation	Color	Hardness Softness	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
✓ Pittsburgh Coal			913	922			
✓ Murphy Sand			1022	1037			
✓ Big Dunkard Sand			1340	1440			
✓ Third Salt Sand			1736	1758			
✓ Maxton Sand			1922	1957			
✓ Big Lime			2012	2062			
✓ Big Injun Sand			2066				
Total Depth				2263			
5 1/2" Insert Float Valve				2272			
5 1/2" Float Shoe				2283			
					Perforated 1928 to 1957		
					2012 1235 777		

