



LATITUDE 39° 45' 1  
 0.625  
 2.17 W

LONGITUDE 80° 35'

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 2500

Signed Robert M. Nail 361-E (JF)

COMPANY	<u>The Manufacturers Light And Heat Company</u>		
ADDRESS	<u>800 Union Trust Bldg. Pittsburgh, Penna.</u>		
FARM	<u>Clell Evens</u>		
MAP	<u>P-25/3</u>	ACRES	<u>100</u>
WELL (FARM) NO.	<u>5</u>	SERIAL NO.	<u>L-4770</u>
ELEVATION (SPIRIT LEVEL)	<u>1165'</u>		
QUADRANGLE	<u>Littleton 15' NC</u>		
COUNTY	<u>Marshall</u>	DISTRICT	<u>Liberty</u>
POINT OF PROVEN ELEVATION	<u>U.S.G.S. RM. B-127</u>		
FILE NO.	<u>Y-25-770</u>		
DATE	<u>June 5, 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-504

+ 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

WELL RECORD

*Storage*  
GAS  
(KIND)

Permit No. MARS-504

Oil or Gas Well

The Company Mfrs. Lt. and Ht. Co.  
Address 800 Union Trust Bldg., Pittsburgh 19 Pa.  
Farm Clel Evans Acres 100  
Location (waters) \_\_\_\_\_  
Well No. 4770 Elev. 1165.00'  
District Liberty County Marshall  
The surface of tract is owned in fee by \_\_\_\_\_  
Address \_\_\_\_\_  
Mineral rights are owned by \_\_\_\_\_  
Address \_\_\_\_\_  
Drilling commenced June 28, 1963  
Drilling completed July 9, 1963  
Date Shot 7/9/63 From Maxton To \_\_\_\_\_  
With Pitot Tube  
Open Flow 3.0 /10ths Water in \_\_\_\_\_ Inch  
3.0 /10ths Merc. in 4 1/2 Inch  
Volume 3,340,000 Cu. Ft.  
Rock Pressure 645 lbs. 48 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
16			
18 3/8"	34'	34'	
10			Size of
8 5/8"	916'	916'	
6 3/4"			Depth set
5 1/2"	2233'	2233'	
8			Perf. top
8			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
COAL WAS ENCOUNTERED AT 835 FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

Formation	Color	Notes	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
✓ Pittsburgh Coal			835	843			
✓ Big Dunkard Sand			1340	1410			
✓ First Salt Sand		OK	1520	1537			
✓ Third Salt Sand			1720	1733			
✓ Maxton Sand			1840	1862	Perforated	1842' to 1862'	
✓ Big Lime			1912	1973			
✓ Big Injun Sand			1976				
Total Depth				2222			
5 1/2" Float Shoe				2233			
5 1/2" Insert Float Check Valve				2224			

