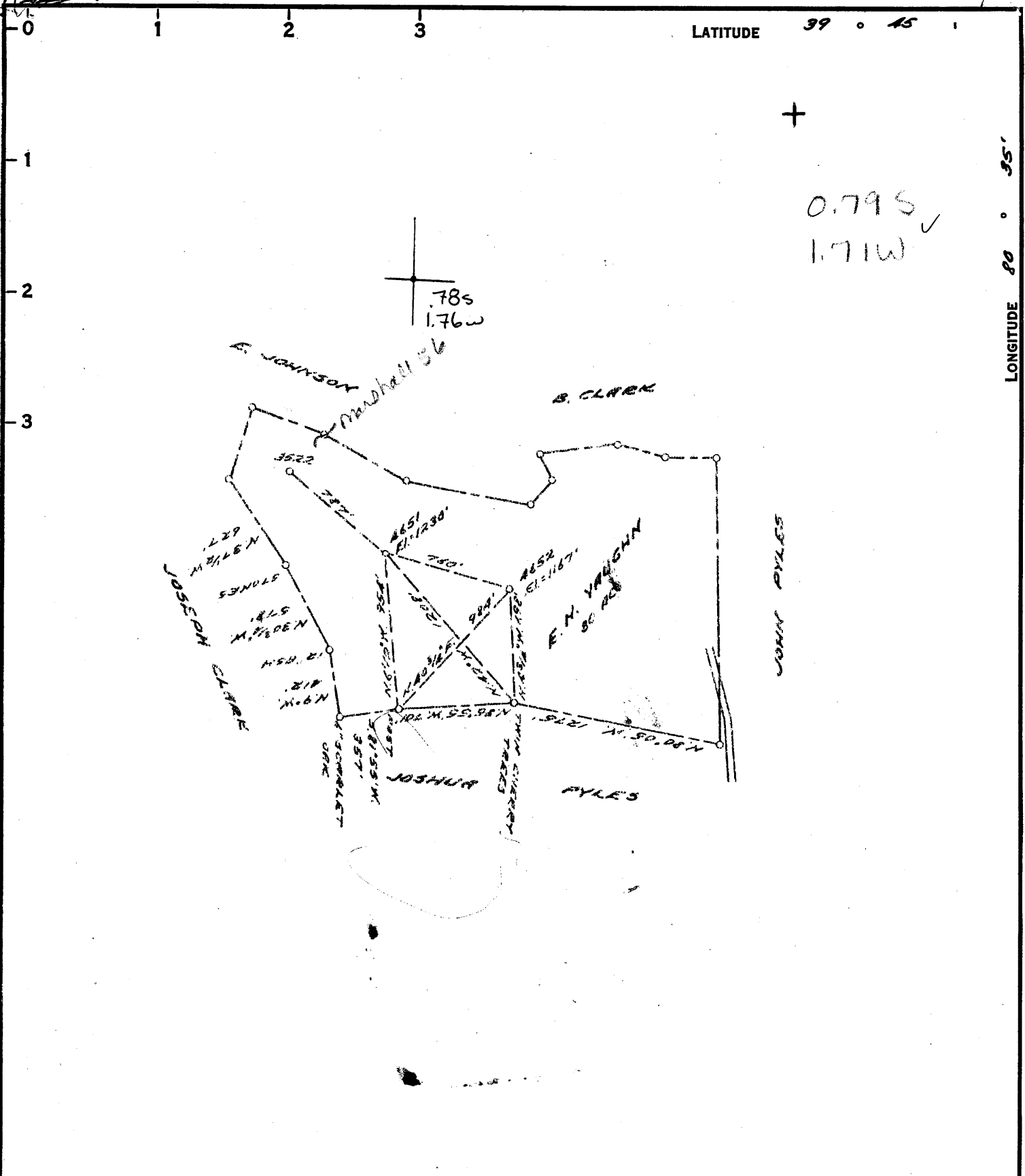


~~M. Smith~~



COAL OWNED BY _____

NEW LOCATION...

DRILL DEEPER...

ABANDONMENT...

P-25-7

COMPANY THE MANUFACTURERS LIGHT & HEAT

ADDRESS 800 UNION TRUST BLDG, PGM, PA.

FARM E. N. VAUGHN

TRACT _____ ACRES 80 LEASE No. 13022

WELL (FARM) No. 2 SERIAL No. 4651

ELEVATION (SPIRIT LEVEL) 1230'

QUADRANGLE LITTLETON NC

COUNTY MARSHALL DISTRICT LIBERTY

ENGINEER Robert P. Nail

ENGINEER'S REGISTRATION No. 361-E. (N.F.)

FILE No. _____ DRAWING No. Y-25-365

DATE 12 JUNE 1961 SCALE 1" = 800'

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

WELL LOCATION MAP

FILE No. MARS-419

+ 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.

6-6 25



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle Littleton

Permit No. MARS-419

WELL RECORD

Oil or Gas Well GAS
(KIND)

Company The Manufacturers Lt. and Ht. Co.
Address 800 Union Trust Bldg., Pittsburgh 19, Pa.
Farm E. N. Vaughn Acres 80
Location (waters) _____
Well No. L-4651 Elev. 1225'
District Liberty County Marshall
The surface of tract is owned in fee by E. N. Vaughn
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced October 5, 1961
Drilling completed November 9, 1961
Date Shot 11/9/61 From Big Injun - Maxton To _____
With Pitot Tube
Open Flow 8 Lbs. 4 Inch
~~Water~~ Water in _____
/10ths Merc. in _____ Inch
Volume 6,730,000 Cu. Ft.
Rock Pressure 785 lbs. 24 hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water _____ feet _____ feet
Salt water _____ feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
18 <u>3/8"</u>	<u>94'</u>	<u>94'</u>	
10			Size of
8 <u>5/8"</u>	<u>974'</u>	<u>974'</u>	
6 <u>1/2"</u>	<u>2056'</u>	<u>2056'</u>	Depth set
5 1/2"			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT 926 FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
<input checked="" type="checkbox"/> Pittsburgh Coal			926	935			
<input checked="" type="checkbox"/> 2nd Salt Sand			1828	1844			
<input checked="" type="checkbox"/> Maxton Sand			1930	1973	Gas in ^{salt} Maxton 1937'		
<input checked="" type="checkbox"/> Big Lime			2010				
<input checked="" type="checkbox"/> Big Injun Sand					Gas in Big Injun 2113', not drilled through		
Note: Maxton Sand Perforated 11/2/61 by Schlumberger Well Survey Corp. Perforated from 1930' to 1973' with 180 shots. Shape Charge Perforation. Total Depth logged by Schlumberger was 2099'				Note: 17 1/2" Hole drilled to 120', Run 91' of 13-3/8" Cas. Sm. Gr. H-48#, bottom beveled, and cem. with 125 Bg. Cement, 1 Bg. Jel Flakes and 17 Bg. Cal. Chloride 14.5# per gal., good return of cement at surface. Drilled 12-1/4" Hole to 1015'; Run 980' of 85/8" Cas. Sm. Gr. J-24# on a Float Shoe set at 974' and cemented with 450 Bg. Cement, 17 Bg. Aquagel and 3 Bg. Hydrotan, 14.2# per gal., good return of cement at surface. Drilled 7-7/8" Hole to 2066', Run 2069' of 5-1/2" Casing Sm. Gr. J-17# on a Float Shoe set at 2056' and cemented with 400 Bg. Cement and 2 Bg. Hydrotan, 14.3# per gal good return of cement at surface 4-3/4" Hole drilled to total depth of 2226'.			

