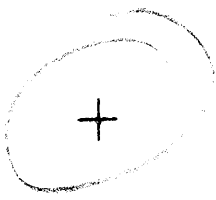


M

LATITUDE 39° 45'

LONGITUDE 80°

803730



35?

0.88 S
3.76 W
0.88 S
1.84 W

Geo. Yoho
4 3/2 A

13ch Rock

Geo Yoho surface
3 7/2 A

7779

EI-1245' 0
N 70° 48' W
881'

56 3/4 W
59 SP

8P
568 W
64m

N 8° 50' W
139'

S 58 1/2 W
843'

Sugarstp.

Joshua Yoho

N 15 E
N 27 E

11 SP
11 19P

N 56 1/2 W
1221'

Sol Blake

0.88 S
3.76 W

3.75 W

0.91 Q

~~Problem?~~

Sp in Liberty, measurement should be
w. of 80° 35' (dotted in plan this)

Company	Hope Natural Gas Co
Address	Clarksburg, W. Va
Farm	Joshua Yoho
Tract	Acres 536 Lease No
Well (Farm) No.	#3 Serial No. 7779
Elevation (Spirit Level)	1245'
Quadrangle	Littleton ^{Wayville} 70
County	Marshall District Liberty
Engineer	S. H. Bradley
Engineer's Registration No.	135
Date	3-29-37 Scale 1" = 400'

STATE OF WEST VIRGINIA
 Department of Mines
 OIL AND GAS DIVISION
 Charleston

WELL LOCATION MAP
 File No. MARS-78
 now: Marshall 140 Red.

+ Denotes location of well on U.S. 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.

WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS DIVISION

WELL RECORD

Permit No. Mars-78

Gas Well

Littleton Quad.

CASING & TUBING

Company	Hope Natural Gas Co.	13	111	Pulled
Address	Clarksburg, W.Va.	10	1318	1318
Farm	Joshua Yoho	Acres 536	6 5/8	2100
Location	Valley Run			2100
Well No.	7779	Elev. 1245		
District	Liberty	County	Marshall	
Surface	<u>George Yoho, Cameron, W.Va.</u>			
Mineral	Not given			
Drilling	Commenced	Aug. 9, 1937		
	Completed	Nov. 2, 1937		
Date Shot	Nov. 9, 1937	Depth	2178-2191	

MARS-401



Formation	Color	Top	Base	Result	Formation	Color	Top	Base	Result
Lime		600	620	Water					
Sand		620	651	90'					
Waynesburg Coal		651	655						
Lime		655	700						
Mapletown Coal		910	915						
Lime		915	1015						
Pittsburgh Coal		1015	1022						
Sand		1070	1095						
Lime		1125	1130						
Murphy Sand		1210	1215						
Lime		1230	1235						
Lime		1287	1295						
Lime		1315	1435						
L. Dunkard Sand		1435	1450						
Slate		1450	1525						
B. Dunkard Sand		1525	1555						
Slate		1555	1600						
Lime		1600	1610						
Slate		1610	1645						
Gas Sand		1645	1670						
Slate		1670	1700						
1st Salt Sand		1700	1740						
Slate		1740	1777						
2nd Salt Sand		1777	1849						
Slate		1849	1870						
Lime		1870	1890						
Sand		1890	1947						
Slate		1947	1970	Water					
Sandy Lime		1990	2056	1927-					
Slate		2056	2080	1929					
Maxon Sand		2085	2115						
Big Lime		2115	2155						
Big Injun Sand		2155							
TOTAL DEPTH			2241	Gas					
				2181-					
				2188					

Handwritten calculations:

$$\begin{array}{r} 2115 \\ 90 \\ \hline 2205 \\ 1245 \\ \hline 1060 \end{array}$$

$$\begin{array}{r} 2115 \\ 2155 \\ \hline 4270 \\ 920 \\ \hline 3350 \end{array}$$

$$\begin{array}{r} 2115 \\ 2155 \\ \hline 4270 \\ 1175 \\ \hline 5445 \end{array}$$

Handwritten calculation:

$$\begin{array}{r} 2205 \\ 1060 \\ \hline 1145 \end{array}$$



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle EXMERON LITTLETON

WELL RECORD

Storage
GAS

Permit No. MARS-401-R

Oil or Gas Well (KIND)

Company The Manufacturers Light and Heat Co.
Address 800 Union Trust Bldg., Pittsburgh 19, Pa.
Farm George N. Yoho Acres 38

Location (waters) _____
Well No. L-4325 Elev. 1245'
District Liberty County Marshall

The surface of tract is owned in fee by _____
Address _____

Mineral rights are owned by _____
Address _____

Drilling commenced January 16, 1961
Drilling completed February 25, 1961

Date Shot 3/20/61 From 2038 To 2071
With Orifice Well tester

Open Flow 0 /10ths Water in 1/4 Inch
_____ /10ths Merc. in _____ Inch

Volume _____ Cu. Ft.

Rock Pressure 0 lbs. 48 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			
16			Kind of Packer
13			
10 3/4"			Size of
8 1/4 5/8"	1648	1648	
6 5/8 7"	2097	2097	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____

COAL WAS ENCOUNTERED AT 1015 FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
		THICKNESS					
✓Pittsburgh Coal		8	1015	1023			
✓Big Dunkard Sand		70	1490	1560			
✓Maxton Sand		33	2038	2071			
✓Big Lime			2096				
✓Big Injun Sand				Not drilled through			
Top of 5 3/16" Liner			2154				
Set 7" Shoe				2097			
Plug back to				2107			
Total Depth				2107			
Orig. 10 3/4" Casing was left in hole. Our records do not indicate how much was run orig. It was perforated and cemented at 1080'.							
The 7" casing was perforated from 111 2038' to 2071', - 4 shots per foot, with 3 5/8 capsule jets, through the Maxton Sand.							

2096
1245
851