

LATITUDE 39° 35' 00"

LONGITUDE 80° 17' 30"



7.5 OGIS topo location

7.5' loc 1.215 15' loc _____
 1.00w (calc.) _____

Company _____

Farm _____

Quad MANNINGTON 7 1/2'

County MARION

District LINCOLN

elev 1210 ± (topo)

WELL LOCATION MAP

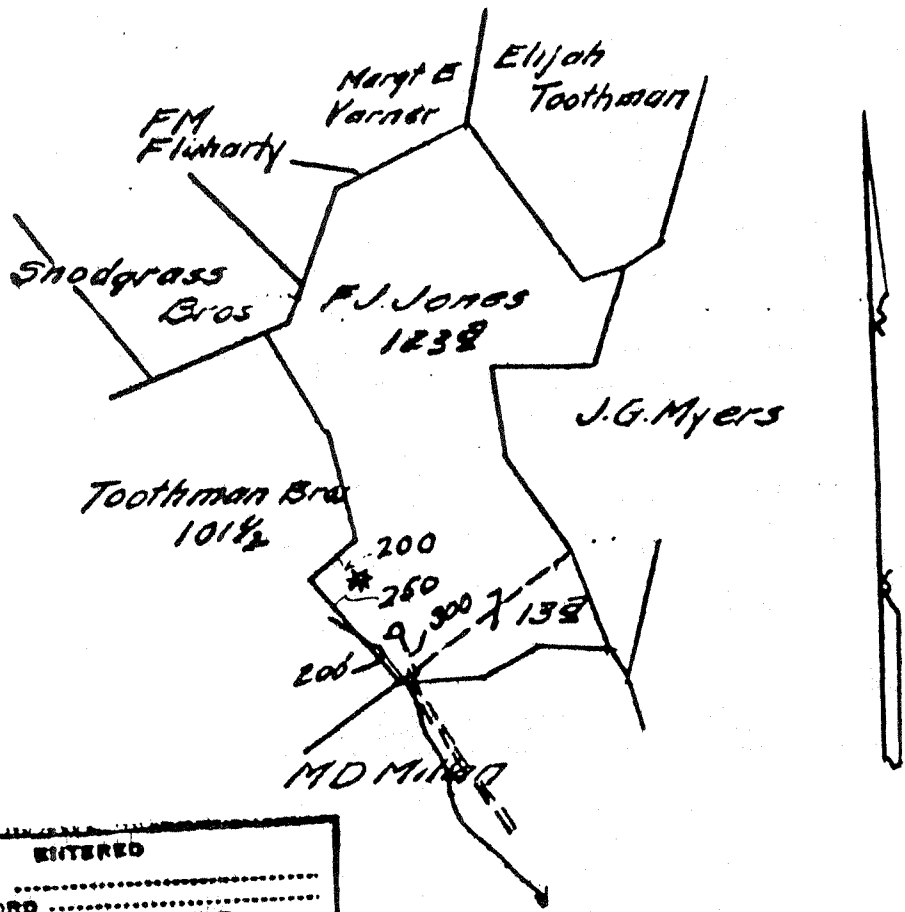
File No. 049-0384

HOPE NATURAL GAS CO.

LOCATION FOR WELL No. 3425

On *W. J. Haynes* DISTRICT
W. J. Jones Tracts, on waters of *Mads Run*
District, *Marion* County, West Virginia.
Lease No. *9998* Acres *137* N. *8* S. E. *17* W.
Scale, one inch equals *80 Acres* Sent to Clarksburg Office *Mar 4 1914*
Location to be *300 feet from M.D. Millan farm line and*
1000 feet from Toothman Bros.

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ENTERED
WELL BOOK
LEASE RECORD
LEASE DOCUMENT NO. *1915 701*
WALL MAP
LINE MAP
LOCATION BOOK
CONTRACTORS PLAT
CONTRACTOR
TITLE

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TITLE *JUL 31 1915 P.M.S.*
RESERVE *Two hundred feet from building*
on premises at date of lease Nov 23. 1906
SPECIAL INSTRUCTIONS: COMPLETE WELL ON OR BEFORE
7-4-15
Location made *8-9-14* by *Mr. Musby* As per plat, except as noted. On field map.
3-16-14 Returned to Pittsburgh *3-16-14*
Location changed on account of *Instruction from Putnam*
3-30-14 Signed *Mr. Bradley*

Record of

Company

O. K. W. I. S. U. L. L. E. R. W. District

No. 3425

Mar. 384

W. S. Case

Farm

Location

County

Warren

State

OH

Location Made 1-7-1915
 Rig Commenced 7-26-1915
 Drilling Commenced 8-17-1915
 Rig Contractor H. J. Case
 Drillers J. H. Case
 Tool Dressers J. H. Case

First Work Done 4-3-1914
 Rig Completed 7-31-1915
 Drilling Completed 10-22-1915
 Drilling Contractor J. H. Case
 H. B. E. Co. Tools, String No. 10-22-1915

FORMATION	TOP	BOTTOM	Steel Line Measurements	Water Found Depth	Oil Found Depth	Gas Found Depth	REMARKS
Ve Coal	682	685					049-0384
Pittsburg Coal	785	742	"				
Le Dunkard	1120	1150					
Sand	1440	1500					Sand 1510-1540
Cl Salt	1685	1520		1685			
Cl Salt	1645	1705					
Cl Salt	1870	1885					
Cl Lime	1965	1975					
Cl Cave	1975	2005					
Cl Lime	2005	2084		2175		2175	Red top 2084 to 2090 bore full of water at 2175 - rest of 2084 water on 1/2"
Injun	2040	2140					
Cl Salt	2200	2225					
Cl Salt	2305	2325					
Cl Salt	2515	2540					
Cl Foot	2635	2715					36/10 water on 2" from top 4 30 ft.
Cl Foot	2817	2829					
Cl Stray	2920	2947					2947 to 2990
Cl Stray	2980	2990					
Cl Stray	3012						3/10 water on top 5 3/16 casing above 2990 bottom 5 4 to 2990
Total Depth		3018					

SIZE	Charged to Well		Put in Well		Pulled Out		Left in Well		Transferred Before Completing		Left at Well Not in Use		If more than two strings of casing are left in hole, give reasons for leaving additional strings
	Feet	in.	Feet	in.	Feet	in.	Feet	in.	Feet	in.	Feet	in.	
13" Csg.													5 3/16" Linch
10" "	827	3	755	6	4	6	751		52	10	23	8	1st. sec. 2414 from
8 1/2" "	1771		1723	6	1723	6			442	4	13	28	29324 to 26916
5 5/8" "	2073	8	2054				2064			2		7	2nd. sec 3427 from
3-16" "	3036	5	2752	8			2962	8				73	27912 to 28481
Tbg.													3rd. sec. 2352 from
"													25484 to 28132

5 3/16" 5 I PACKER RECORD 2982" to 2829" 1-5 3/16 Bell with

SIZE	KIND	Amount Anchor	Amount Above Anchor	REMARKS
10"	Steel	-	748	Steel in
6 5/8"	"	-	2044	" "
8 x 5 3/16"	Anchor	8	2270	" "
		7202		" "

SHOOTING RECORD (If shot before or upon completion of well)

DATE	Quarts	Top of Shell	Bottom of Shell	Diameter	Sand	Test Before Shot			Test After Shot			Test Taken After Shot No. Moors	By Whom Shot
						Reading	Liquid	Opening	Reading	Liquid	Opening		

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CEMENTING RECORD

Not cemented

Date Cemented..... Size Hole Cemented..... Size Casing Cemented.....
 Top Pittsburg Coal..... Top Cementing..... Amount Cement Used.....
 Bottom Pittsburg Coal..... Bottom Cementing..... Amount Sand Used.....
 Mr. of Coal Company on ground when coal was cemented
 Remarks: 2 1/2 bags was put in at 1706 on
 5 3/16 casing was put in at 29324
 Signature of persons who cemented well
 J. H. Case

Approved by... J. H. Case
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