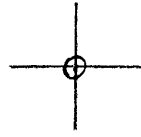


LATITUDE 39° 37' 30"



00, 50, 08 LONGITUDE

7'5 OGIS topo location

7.5' 10C	<u>0.74S</u>	15' 10C	<u>3.62S</u>
	<u>1.36W</u>	(calc.)	<u>1.36W</u>

Company _____

Farm _____

Blenville 15'
C

Quad RIVESVILLE 7 1/2'

County MONONGALIA

District GRANT

Elev 1120 ± (topo)

WELL LOCATION MAP

File No. 061-0384

HOPE NATURAL GAS CO.

LOCATION FOR WELL No. 2968

Fairview

DISTRICT

On *N. E. Michael Grant*

Farm, on waters of *Stewart's Run*

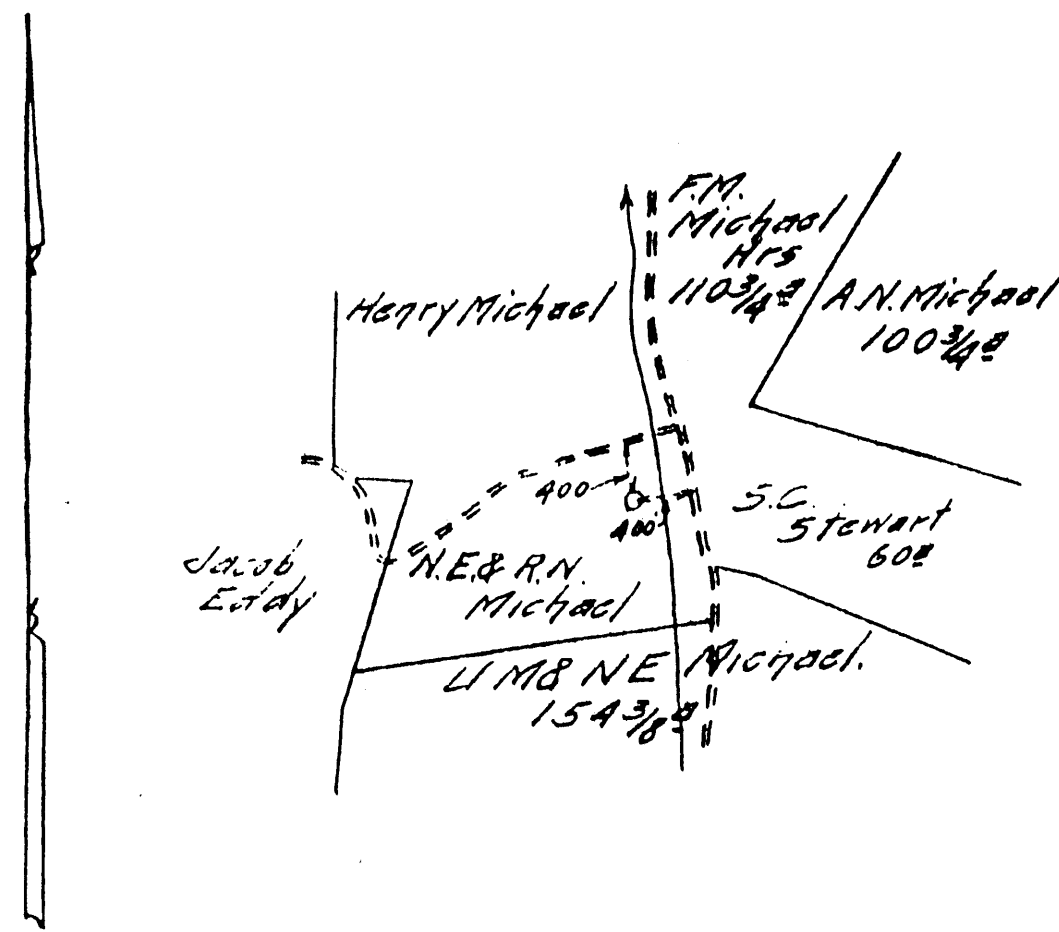
District, *Monongalia*

County, West Virginia

Lease No. *2876* Acres *98* N. *11* S. *28* W.

Scale, one inch equals *80 Poles* Sent to Clarksburg Office *April 16 1913*

Location to be *Four hundred feet from Henry Michael farm and four hundred feet from S. E. Stewart farm.*



16

061-0384

TITLE *Good*

RESERVE *Three hundred feet around the buildings.*

SPECIAL INSTRUCTIONS: COMPLETE WELL ON OR BEFORE *Cement 10" casing. Inside Fairmont Coal Co.*

Location made *7-21-13* by *C.H. Robinson* As per plat, except as noted. On field map

7-22-13 Returned to Pittsburgh *7-22-13*

Location changed on account of

Authorized by

Date

1

Signed

Record of *Top* *Monongalia* was
 Well No. *2968* District *11* Farm
 Located on *N. E. Michael* County *Monongalia* State *W. Va.*
 Location Made *4-21-13* First Work Done
 Rig Commenced *5-6-13* Rig Completed *5-10-13*
 Drilling Commenced *5-30-13* Drilling Completed *8-14-13*
 Rig Contractor *A. M. Pittenger* Drilling Contractor *H. N. S. Co.*
 Drillers *W. P. ...* H. N. S. Co. Tools String No.

FORMATION	TOP	BOTTOM	Steel Line Measurement	Water Found Depth	Oil Found Depth	Gas Found Depth	REMARKS
... Coal	355	358					
...burg Coal	445	452				536-565	2/10 water thru 2"
... Dunkard	845	865					
Dunkard	945	1005					
Sand	1220					1242	10/10 water thru 2" (limonite)
Salt							
Salt							
... Lime	1657	1672					
... Cave	1672	1680					
... Lime	1680	1755					
Injun	1755	1900					
... Foot	2285	2325				2287	12/10 water thru 2"
... Foot	2440	2490					
... Stray	2600	2620					
... Stray	2645	2659					
... Stray	2733	2758					
... Stray	2790	2840				2790-2796	6/10 water thru 2"
Total Depth		3019					

APL No.
 061-0384

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.													Should not put 8" casing
10" "	569	6	510		2	-	508	-	57	6	2	-	
8 1/2" "	1598	6	1467	4	16	6	1460	10	41	-	79	2	
5 1/2" "	2102	11	1729	3			1729	3	363	10	9	10	
3 1/2" "	2813	1	2631	6			2631	6			181	7	

SIZE	KIND	Amount Anchor	Amount Above Anchor	REMARKS
8 1/4"	steel shoe			
4x6 5/8	B.W.			
5/8x5 3/4	"			2 Packers Run. 5 3/16 casing is leaking

SHOOTING RECORD (If shot before or upon completion of well)													
DATE	Coorts	Top of Shell	Bottom of Shell	Diameter	Sand	Test Before Shot			Test After Shot			Test Taken After Shot No. Hours	By Whom Shot
						Reading	Liquid	Opening	Reading	Liquid	Opening		
7-16-13	20	2740	2797	4 1/2	5 1/2	19/10	water	2	4/10	water	5 3/4	3/4	Maritta Co.

CEMENTING RECORD									
Date Cemented	<i>Jan 16, 1913</i>	Size Hole Cemented	<i>16"</i>	Size Casing Cemented	<i>10"</i>				
Top Pittsburg Coal	<i>4.4.5</i>	Top Cementing	<i>4.10</i>	Amount Cement Used	<i>5000</i>				
Bottom Pittsburg Coal	<i>4.51</i>	Bottom Cementing	<i>5.09</i>	Amount Sand Used	<i>10000</i>				
Mr.	<i>Beath</i>	Coal Company on ground when coal was cemented	<i>Fairmont</i>	Signature of persons who cemented well					

WELL RECORD
 LEASE RECORD
 LEASE OF OIL
 MADE BY AUG 24 1913 I.C.L.
 LEASE BY SEP 2 1913 H.S.
 CONTRACTOR PLAT

Approved by *C. W. J. ...*
 Foreman