

HOPE NATURAL GAS CO.

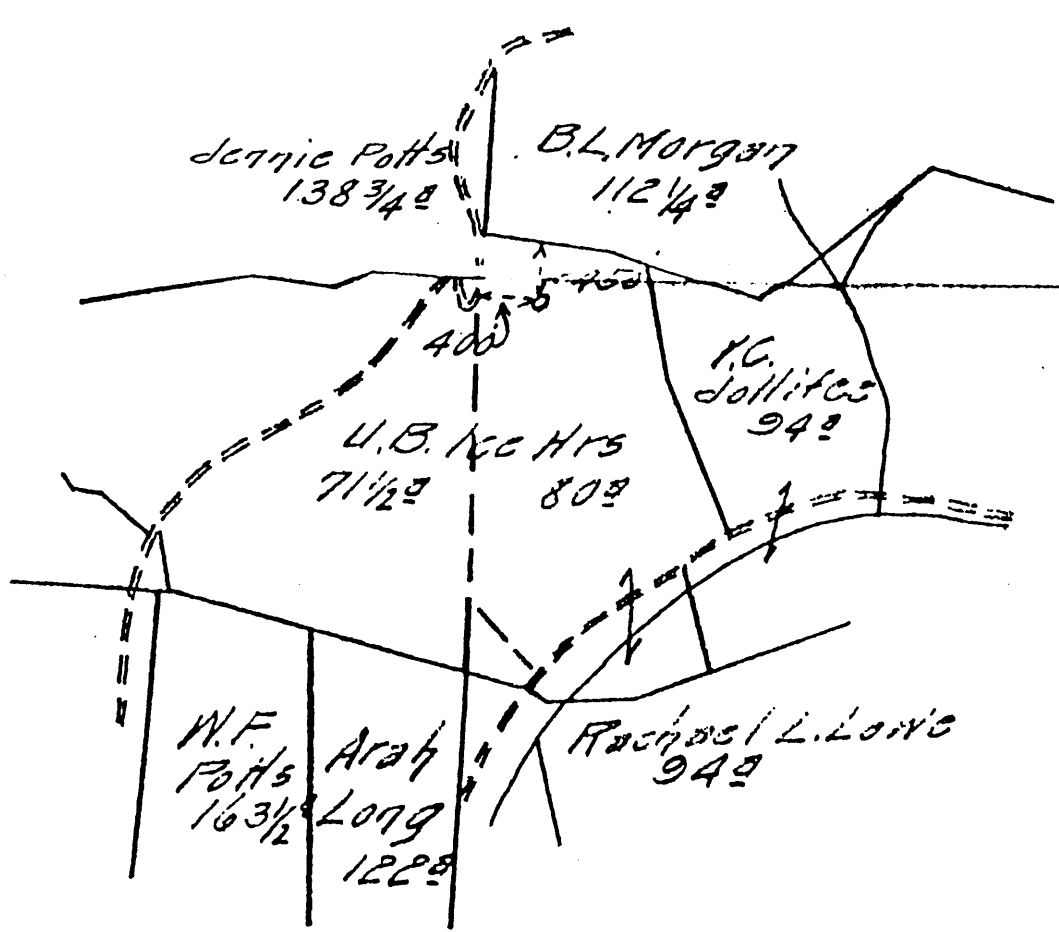
LOCATION FOR WELL No. 3813

On *E. O. Farmer* *Littleton* DISTRICT
Marion Farm, on waters of *Shelley Fork*
 District, *...* County, West Virginia

Lease No. *24304* Acres *100* N. *11* S. E. *7* W.
 Scale, one inch equals *80 Feet* Sent to Clarksburg Office *April 30, 1913*

Location to be *150 feet from D. L. Morgan's farm and 400 feet from county road as per plan.*
4-28-15

Home Dec. 7^{one} of the Dec 7th 1913,
Ernest H. Sa. 5-11-15



39
 (103-0690)

TITLE *Three hundred feet around the*
 RESERVE *location on land from old plan. See Dec #14*

SPECIAL INSTRUCTIONS: COMPLETE WELL ON OR BEFORE

Location made *5-11-15* by *J. S. Lang* As per plan, except as noted. On field map.

5-13-15 Returned to Pittsburgh *5-13-15*

Location changed on account of

Authorized by _____ Date _____ Signed _____

LATITUDE 39° 37' 30"

80° 30' 00"

LONGITUDE

7'5 OGIS topo location

7.5' 10C 1.605 15' 10C _____
 0.14w (calc.) _____

Company _____

Farm _____

Quad BIG RUN 7 1/2'

County WETZEL

District GRANT

WELL LOCATION MAP

File No. 103 - 0690

(047)

Record of Hope Natural Gas Company
 Well No. 3813 ✓ Garner-Littleton District F. E. D.
 Located on E. E. Glover Farm P. E. D.
 District Grant County Wetzel State W. Va.

Location Made 5-11-15 First Work Done 5-12-15
 Rig Commenced 6-3-15 Rig Completed 6-15-15
 Drilling Commenced 6-24-15 Drilling Completed 7-28-15
 Rig Contractor H. N. G. Co. (A. G. Edinger) Drilling Contractor Hope Drilling Dept.
 Drillers C. E. Sole-C. H. Swartz If H. N. G. Co. Tools, String No. 103-0690
 Tool Dressers H. C. Gattrell-Luther Baker

FORMATION	TOP	BOTTOM	Steel Line Measurements	Water Found Depth	Oil Found Depth	Gas Found Depth	REMARKS
Mapletown							
Native Coal	938	942	SL				All measurements steel line
Pittsburg Coal	1034	1044	SL			1035	
Little Dunkard	1367	1382	SL				
Big Dunkard	1509	1553	SL			1527	8/10 Mercury thro' 2" Opg.
Gas Sand	1660	1710	SL			1545	Sand 1718 to 1745
First Salt	1817		SL			1820	36/10 Mercury thro' 2" Opg.
Second Salt							
Maxon							
Little Lime							Sand 620 to 655
Pencil Cave							Gas 654
Big Line							Coal 1004 to 1007
Big Injun							Little water at 1006
Squaw							Sand 1148 to 1185
Berea							Gas 1152 Test 10/10 Water
Gantz							Sand 1460 to 1480
Fifty Foot							
Thirty Foot							
Gordon Stray							
Gordon							
Fourth							
Fifth							
Bayard							
Total Depth		1820	SL				

ENTERED
 WELL BOOK NO. 1 1915 G.A.K.
 L.A. RECORD
 L.P. RECORD
 W. L. MAP AUG 21 1915 J.C.L.
 L. L. MAP 16 2 1915
 LOCATION BOOK
 CONTRACTOR'S PLAT
 CONTRACTOR
 TITLE

AUG 24 1915 H.H.S.

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.													
10" "	894	2	812	9	None		812	9	71	10	9	7	
8 1/4" "	1717	6	1538	4	None		1717	6			179	2	
6 5/8" "	2148	2	None		None		None		None		2148	2	
5 3/16" "													
Tbg.													

PACKER RECORD

SIZE	KIND	Amount Anchor	Amount Above Anchor	REMARKS
				Run 10" x 1 3/4" Lead packer on 10" casing. Run 8-1/4" shoe on 8-1/4" casing
				No packers run.

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

DATE	Quartz	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			

CEMENTING RECORD

Date Cemented Not 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:.....Signature of persons who cemented well

Approved by J. E. Carpenter Foreman
 Wet-690