

# HOPE NATURAL GAS CO.

## LOCATION FOR WELL No. 3502

*Pinegrove*

DISTRICT

*Upper Run*

*on Nathan Little Grant*

Farm, on waters of

*Wetzel*

District

County, West Virginia

Tract No. *23137*

Acres *100*

N. *9*

S.

E. *6*

W.

Scale, one inch equals

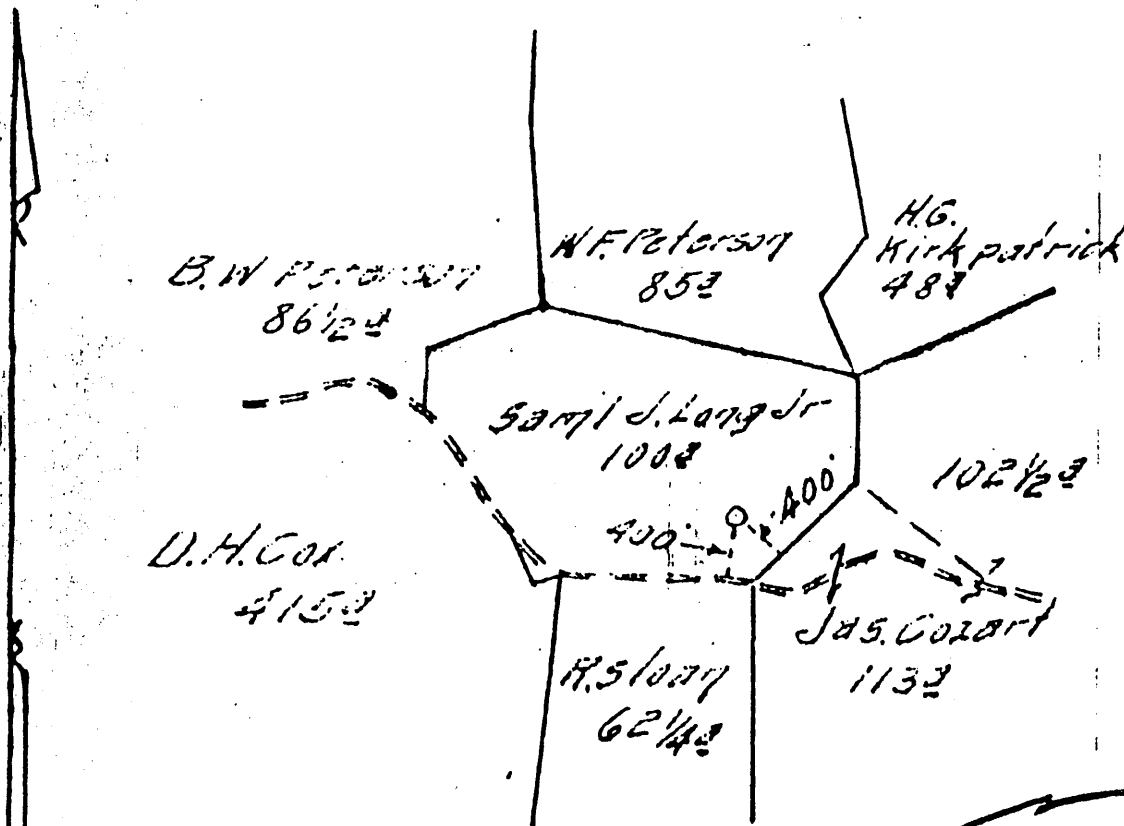
*80 Poles*

Sent to Clarksburg Office

*May 11,*

*1914*

Location to be *400 feet from R. Sloan farm and 400 feet from Jas Cozart farm*



**API #**  
**103-0659**

TITLE: *Good*  
RESERVE: *None*

SPECIAL INSTRUCTIONS: COMPLETE WELL ON OR BEFORE

Location made by \_\_\_\_\_ As per plat, except as noted. On field map.

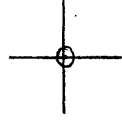
Returned to Pittsburgh \_\_\_\_\_

Location changed on account of \_\_\_\_\_

Authorized by \_\_\_\_\_ Date \_\_\_\_\_ Signed \_\_\_\_\_

LATITUDE 39° 35' 00"

LONGITUDE 80° 35' 00"



7'5 OGIS topo location

7.5' LOC	<u>1.302</u>	15' LOC	_____
	<u>1.36W</u>	(calc.)	_____

Company \_\_\_\_\_

Farm \_\_\_\_\_

Quad BIG RUN 7 1/2'

County WETZEL

District GRANT

WELL LOCATION MAP

File No. 103-0689

(041)

Record of *Hope 11371 G.A.C.* Company *Pine Grove*  
 Well No. *3504* Located on *Nathan Little* District *Pine Grove*  
 District *Grant* County *Netzel* State *N.Y.*  
 Location Made *5-19-14* First Work Done *5-19-14*  
 Rig Commenced *7-8-14* Rig Completed *7-17-14*  
 Drilling Commenced *8-1-14* Drilling Completed *9-25-14*  
 Rig Contractor *H. N. G. Co.* Drilling Contractor *Hope Drilling Dept.*  
 Drillers *J. H. Muller* *H. N. G. Co. Tool. String No.* *F. A. Katschak*  
 Tool Dressers *J. H. Powell* *F. P. Hour*

FORMATION	TOP	BOTTOM	Steel Line Measurements	Water Found Depth	Oil Found Depth	Gas Found Depth	REMARKS	
Active Coal	485	490						
Pittsburg Coal	839	845					Coal 615-619. 725-779-92	
Little Dunkard	1318	1328					Sand 1370-1392	
Big Dunkard	1410	1418				903	2/10 Water 12"	
Thin Sand	1557	1581						
First Salt	1657	1679						
Second Salt	1774	1811		1768			Sand 1915 to 1993	
Carbon Salt	2083	2116				2091 2103	6/10 Mercury 7"	
Little Lime	2127	2135						
Pencil Cave	2135	2147						
Big Lime	2147	2212						
Big Injan	2212	2309	2212			2282	10/10 Mercury 7"	
Quaw	2317		2282					
Green			2317					
Santa								
Fifty Foot								
Thirty Foot								
Gordon Stray								
Gordon								
Fourth								
Fifth								
Dayard								
Total Depth	2317		Steel line measurement					* This well was drilled to depth 2350 Ft. Lost bit and part of spindle in hole, filling well up to 2342

SIZE	Charged to Well		Put in Well		Packed 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" "	593	5	511	7			511	9	81	8			
8 1/2" "	1711	7	1565	4			1565	4	146	3			
6 5/8" "	2423	10	2180	4			2188	4	242	6			
5 3/16" "													
7 Tbg.	2574	5									2574	5	
1" "	27	-									27	-	

SIZE	KIND	Amount Anchor	Amount Above Anchor	REMARKS
8 1/2" x 6"	Anchor	71	7160	

DATE	Gauge	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.....	Size Hole Cemented.....	Size Casing Cemented.....	Amount Cement.....
Top Pittsburg Coal.....	Top Cementing.....	Amount Cement.....	Amount Sand.....
Bottom Pittsburg Coal.....	Bottom Cementing.....	Amount Cement.....	Amount Sand.....
Mr..... of.....	Coal Company.....	Signature of.....	
Remarks: <i>Not cemented</i>			
OCT. 30. 1914. H.H.S.			

WELL BOOK  
 LEASE RECORD  
 LEASE BOOK  
 WALL MAP  
 LOCATION BOOK  
 CONTRACTORS PLAT  
 OCT. 28 1914 J.C.I.  
 OCT. 30 1914 H.H.S.  
 TITLE

10 3-689

Approved by *[Signature]*  
 Foreman