

LATITUDE

39° 15' 00"

80° 22' 30"

LONGITUDE

0
1.115
0.89W

7'5 OGIS topo location

7.5' loc, ✓ 15' loc 1.115
(calc.) 3.12W

Company H. M. G. Co. 4132

Farm V J Libbottom

Elevation 955' Topo Est.

Quad West Millford / Weston NC

County Harrison

District Union

WELL LOCATION MAP

File No. 033-1401

HOPE NATURAL GAS COMPANY

LOCATION FOR WELL No. 4132

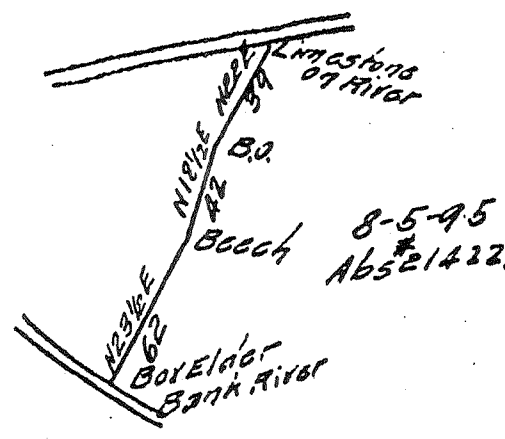
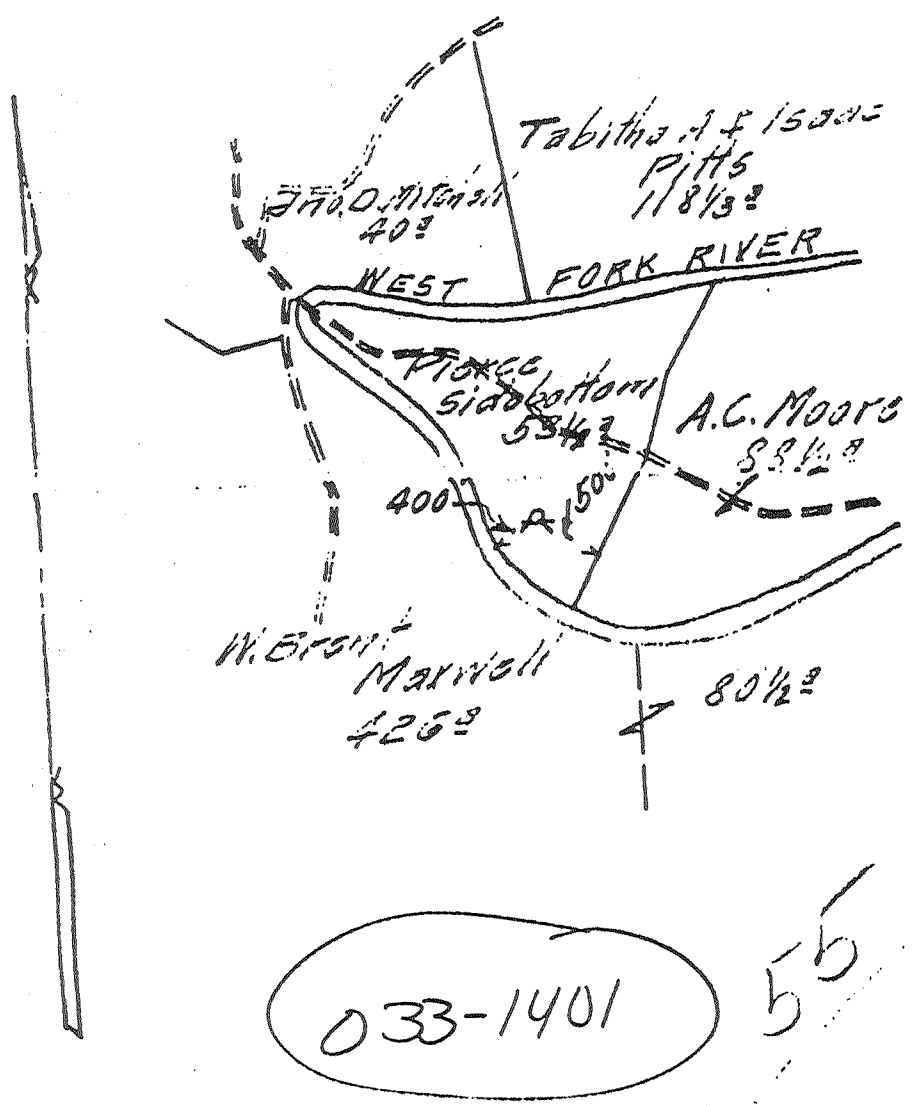
Instructions c 5

On *V. L. Sibley's* Farm, on waters of *West Fork River* District *Kanawha* County, West Virginia.

Lease No. *21332* Acres *54* N. *S. 16* E. *12* W.

Scale one inch equals *1/2* mile. Location made in Pittsburgh *Jan 26 1916* Sent to *Clarksburg* *Jan 26 1916*

Location to be *500 feet from A. C. Moore's farm and 400 feet from* *W. E. Maxwell's* plat.



033-1401 56

TITLE RESERVE *See attached plat*

SPECIAL INSTRUCTIONS: COMPLETE WELL ON OR BEFORE

Lease on which Located Well

Location made *1-21-16* by *G. H. Cunningham* As per plat, except as noted. On field *2-1-16* Returned to Pittsburgh *2-1-16*

Location changed on account of

Authorized by _____ Date _____ Signed _____

Form 121
 Record of Well No. 4138 V. L. Siddebottom Company Kullam District W.Va.
 Located on 1111 County Lincoln State W.Va.

Location Made May 20 - 1916 First Work Done May 20 - 1916
 Rig Commenced May 20 - 1916 Rig Completed May 25 - 1916
 Drilling Commenced May 31 - 1916 Drilling Completed May 29 - 1916
 Rig Contractor W. L. Siddebottom Drilling Contractor W. L. Siddebottom
 Drillers W. L. Siddebottom Drilling Contractor W. L. Siddebottom
 Tool Dressers W. L. Siddebottom Drilling Contractor W. L. Siddebottom

FORMATION	TOP	BOTTOM	Steel Line Measurements	Water Found Depth	Oil Found Depth	Gas Found Depth	REMARKS
Native Coal							10' 8" 145
Pittsburg Coal				305			8' 8" 821
Little Dunkard	300	336	SL				6' 8" 1336
Big Dunkard		1125	"				2" 1919
Gas Sand	630	660	"	675			
First Salt	670	730	"				
Second Salt	740	815	"	745			
Maxon							
Little Lime	1218	1230	"				
Pencil Cave	1230	1240	"				
Big Lime	1240	1315	"				
Big Injun	1315	1437	"				1425 Not enough to see
Squaw	1480	1540	"				
Berea			"				
Gantz	1711	1738	"				
Fifty Foot	1738	1810	"				1831-1884 16 1/2 ft. 2" of
Thirty Foot	1824	1895	"				622 Mts
Gordon Stray							
Gordon							
Fourth							
Fifth							
Bayard							033-1401
Total Depth		1919					

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.	16	5	145	-			145	-	83	5	18		
10" "	772	-	828	-			828	-	107	6	37	6	
8 1/4" "	1678	6	1348	7			1348	7	298	10	31	6	
6 5/8" "													
5 3/16" "													
2" Tbg.	2108	1	145	6			1925	6			182	7	
2" Csg.	8	-	1	-			8	-					

SIZE	KIND	Amount Anchor	Amount Above Anchor	REMARKS
8 1/4" Csg.	BH	1307 6/8	1829 8	2" Casing at 1907 1/2 ft
5 3/16" "	quo.	88 7/8		

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. Hours	By Whom Shot	
						Reading	Liquid	Opening	Reading	Liquid	Opening			

CEMENTING RECORD

Cemented..... Size Hole Cemented..... Size Casing Cemented.....
 Pittsburg Coal..... Top Cementing..... Amount Cement Used.....
 Bottom Pittsburg Coal..... Bottom Cementing..... Amount Sand Used.....
 Remarks:..... Coal Company on ground when coal was cemented
 Signature of persons who cemented well
 Well Pack GEN. KINLEY
 Approved by J. G. Kinley Foreman