

LATITUDE

39° 15' 00"

80° 25' 00"

LONGITUDE

2.625  
1.98W

7.5 OGIS topo location

7.5' 10C

15' 10C 2.625  
(calc.) 1.98W

Company Reserve Gas 8155

Farm D.O. Morgan

Elev. 1047' topo-est.

Quad West Milford/Weston NW

County Harrison

District Union

WELL LOCATION MAP

File No. 033-1597

RESERVE GAS COMPANY

LOCATION FOR WELL No. 522

Instructions N

District Harrison

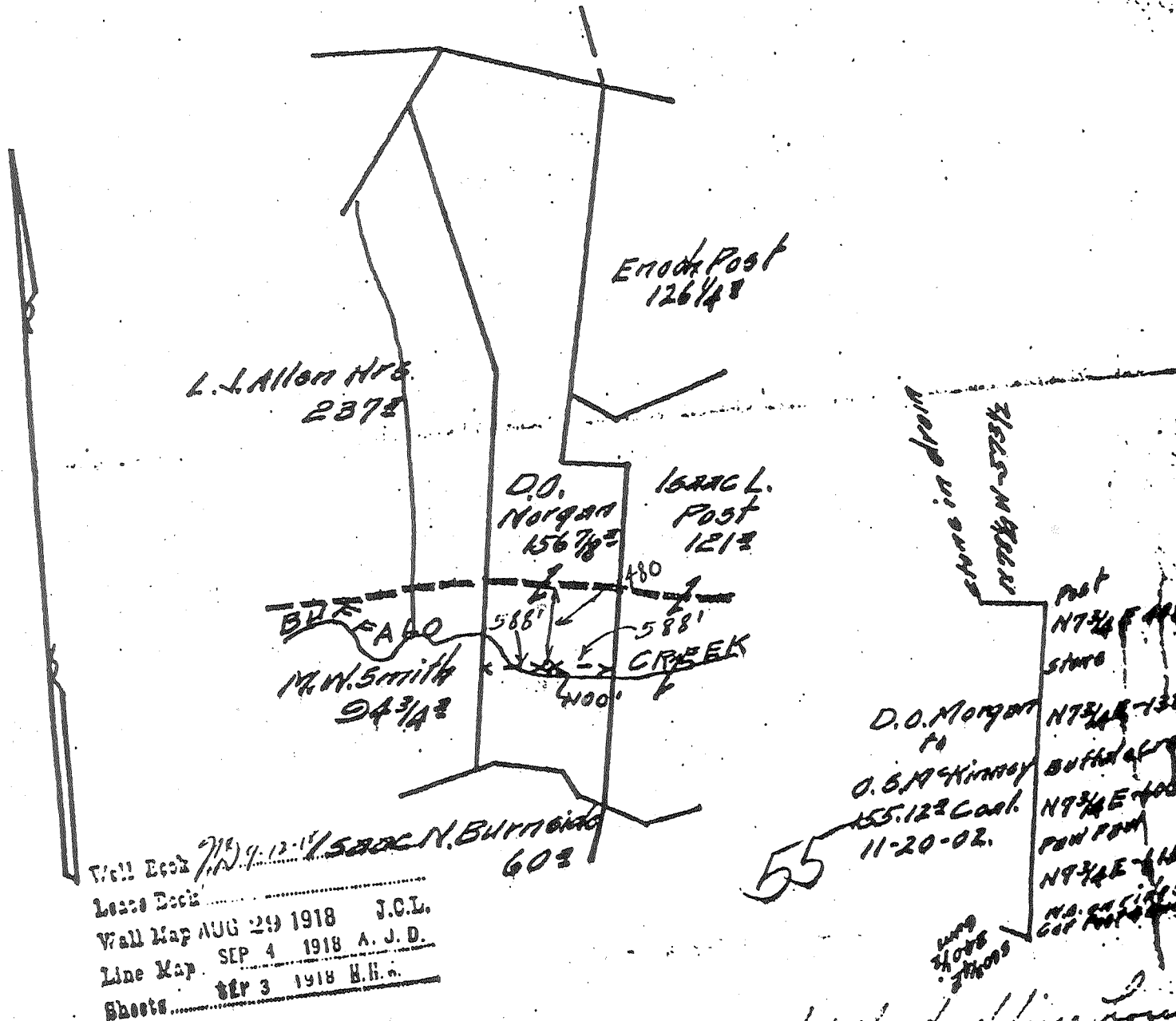
Farm, on waters of Buffalo Creek

District Harrison County, West Virginia.

D. O. Morgan

Acres 156 N. 17 E. 9 W. Location made in Pittsburgh Aug 1-18 Sent to Clarksburg Aug 1-18

100 feet north of Buffalo Creek at a point midway between east & west farm lines.



TITLE

RESERVE 300 feet around the dwelling house

SPECIAL INSTRUCTIONS: COMPLETE WELL ON OR BEFORE

Same Lease on which Located Well No. 522

Location made 8-15-18 by R. L. Reynolds As per plat, except as noted. On field  
8-16-18 Returned to Pittsburgh 8-16-18

Location changed on account of  
Authorized by Date Signed J. H. Braden  
Talley

Well No. ~~606~~ 8155

Harrison

District

Located on D. O. Morgan

Farm

District Union

County

Harrison

State West Va.

Location Made 8-15-18 First Work Done 8-30-18  
 Rig Commenced 9-24-18 Rig Completed 9-28-18  
 Drilling Commenced 10-8-18 Drilling Completed 11-6-18  
 Rig Contractor \_\_\_\_\_ Drilling Contractor \_\_\_\_\_  
 Drillers John Glemen and Bill Quish  
 Tool Dressers John Adams and Seln

FORMATION	TOP	BOTTOM	Steel Line Measurements	Water Found Depth	Oil Found Depth	Gas Found Depth	REMARKS
Active Coal							
Pittsburg Coal	Below						
Little Dunkard Soft	380	395					
Big Dunkard Soft	495	520		500			Fresh
Gas Sand Hard	530	565					
First Salt Hard	600	735					
Second Salt Hard	750	950					
Third Salt Hard	1000	1125					
Little Lime Hard	1315	1330					
Conell Cave Soft	1330	1360					
Big Lime Hard	1360	1393					
Big Injun Hard	1393	1513			Gas	1421	
Quaw							
Area							
Antz							
Forty Foot Hard	1822	1885					
Forty Foot "	1918	1928				1920	
London Stray							
London Hard	2075	2110					Hole reduced 2083.
Fourth Soft	2168	2178					
Fifth Soft	2238	2248				2241	
Gayard							
Total Depth		2279					

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
	Foot	In.	Foot	In.	Foot	In.	Foot	In.	Foot	In.	Foot	In.	
13" Csg.													
10" "	168	11	94		94						168	11	
8 1/2" "	931	3	845		845						931	3	
6 5/8" "	1540	6					1393				147	6	
3-16" "													
2" Tbg.	2358	5	2278	7			2278	7			79	10	
2" Perf.	16	10	16	10			16	10					

PACKER RECORD

SIZE	KIND	Amount Anchor	Amount Above Anchor	REMARKS
8x8 1/2 8x2"	B. H. Anchor	182-6/12	2096 1/2	

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

DATE	Gauge	Top of Shell	Bottom of Shell	Diameter	Sand	Test Before Shot			Test After Shot			Test Taken After Shot No. Hours	By Whose Shot
						Reading	Liquid	Opening	Reading	Liquid	Opening		

CEMENTING RECORD

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:..... Signature of persons who cemented well

Approved by....(Signed) ...Ohas...Cavanau....  
 Foreman

033-1597