

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas

Well Operator's Report of Well Work

Farm name: Theodore & Marie Floyd Operator Well NO.: 1987

LOCATION: Elevation: 792.4' Quadrangle: DELBARTON

District: LEE County: MINGO
Latitude: 8,471 Feet South of 37 Deg. 45 Min. 00 Sec.
Longitude 5,414 Feet West of 82 Deg. 10 Min. 30 Sec.

Company: Mountain Ridge, LLC

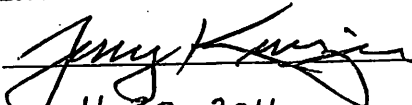
	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: <u>HC 71, RT. 4, BOX 87-A</u> <u>WHARNCLIFFE, WV 25651</u>	<u>13 3/8"</u>	<u>51'</u>	<u>51'</u>	
Agent: <u>JAMES HILL</u>	<u>9 5/8"</u>	<u>262'</u>	<u>262'</u>	<u>148</u>
Inspector: <u>GARY SCITES</u>	<u>7"</u>	<u>1904'</u>	<u>1904'</u>	<u>449</u>
Date Permit Issued: <u>8/25/2009</u>	<u>4 1/2"</u>	<u>None</u>		
Date Well Work Commenced: <u>08/25/11</u>				
Date Well Work Completed: <u>11/20/11</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary <u>YES</u> Cable Rig				
Total Depth (feet): <u>3,912'</u>				
Fresh Water Depth (ft.): <u>NONE</u>				
Salt Water Depth (ft.): <u>930'</u>				
Is coal being mined in area (N/Y)? <u>NO</u>				
Coal Depths (ft.): _____				

OPEN FLOW DATA

Producing formation LIME Pay zone depth (ft) SEE ATTACHED
Gas: Initial open flow 1,495 MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow _____ MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure 640 psig (surface pressure) after 72 Hours

Second producing formation _____ Pay zone depth (ft) _____
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow _____ MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure _____ psig (surface pressure) after _____ Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

Signed: 
Date: 11-30-2011

02/08/2013

API# 47-5902008

WELL 1987

FROM		TO		ROCK TYPE (DESCRIBE ROCK TYPES AND OTHER MATERIALS PENETRATED AND RECORD OCCURRENCES OF OIL GAS, AND WATER FROM SURFACE TO TOTAL DEPTH)	FROM	TO	ROCK TYPE (DESCRIBE ROCK TYPES AND OTHER MATERIALS PENETRATED AND RECORD OCCURRENCES OF OIL GAS, AND WATER FROM SURFACE TO TOTAL DEPTH)
0	50			FILL DIRT			GAS CHECK @ 2100' - BIG LIME 11/10 7"
50	300			SAND/SHALE			GAS CHECK @ 2310' - WEIR 13/10 7"
300	330			SHALE			GAS CHECK @ 2700' - COFFEE 11/10 7"
330	480			SAND/SHALE			GAS CHECK @ 2820' - BR. SHALE 11/10 7"
480	540			SHALE			GAS CHECK @ 4423' - BR. SHALE/SMELL
540	660			SAND/SHALE			
660	960			SAND			
960	1020			SAND/SHALE			
1020	1120			SAND			
1120	1620			SAND/SHALE/RED ROCK			
1620	1740			SAND			
1740	1820			SAND/SHALE			
1820	1880			LITTLE LIME			
1880	2120			BIG LIME			
2120	2230			INJUN			
2230	2685			WEIR			
2685	2720			COFFEE SHALE			
2720	2810			BEREA			
2810				BROWN SHALE			

02/08/2013

QUALITY NATURAL GAS, LLC
WR-35 COMPLETION REPORT - Attachment
TREATMENT SUMMARY

WELL NAME & NO.
API #
DATE

QUALITY NATURAL GAS, LLC, #1987
47-5902105
11/20/2011

STAGE NO. 1

TYPE FRAC
ACID AMOUNT
PERFORATIONS
PERF INTERVAL
MAXIMUM PRESSURE
INSTANT SHUT IN PRESSURE
TOTAL TREATMENT VOLUME

NATURAL WELL

STAGE NO. 2

TYPE FRAC
ACID AMOUNT
PERFORATIONS
PERF INTERVAL
MAXIMUM PRESSURE
INSTANT SHUT IN PRESSURE
TOTAL TREATMENT VOLUME

STAGE NO. 3

TYPE FRAC
ACID AMOUNT
PERFORATIONS
PERF INTERVAL
MAXIMUM PRESSURE
INSTANT SHUT IN PRESSURE
TOTAL TREATMENT VOLUME

