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

Well Operator's Report of Well Work

Farm name: RAWL SALES & PROCESSING Operator Well NO.: 1858

LOCATION: Elevation: 1410.4' Quadrangle: DELBARTON

District: MAGNOLIA County: MINGO
Latitude: 9,735 Feet South of 37 Deg. 40 Min. 00 Sec.
Longitude 8,209 Feet West of 82 Deg. 07 Min. 30 Sec.

Company: Quality Natural Gas. 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>13 3/8"</u>	<u>33'</u>	<u>33'</u>	
<u>WHARNCLIFFE, WV 25651</u>	<u>9 5/8"</u>	<u>420'</u>	<u>420'</u>	<u>183</u>
Agent: <u>JAMES HILL</u>	<u>7"</u>	<u>2029'</u>	<u>2029'</u>	<u>435</u>
Inspector: <u>GARY SCITES</u>	<u>4 1/2"</u>	<u>4274'</u>	<u>4274'</u>	<u>304</u>
Date Permit Issued: <u>12/29/2008</u>				
Date Well Work Commenced: <u>09/27/10</u>				
Date Well Work Completed: <u>10/09/10</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary <u>YES</u> Cable Rig				
Total Depth (feet): <u>4,460'</u>				
Fresh Water Depth (ft.): <u>78'</u>				
Salt Water Depth (ft.):				
Is coal being mined in area (N/Y)? <u>NO</u>				
Coal Depths (ft.): <u>NONE</u>				

RECEIVED
Office of Oil & Gas
JUL 23 2012
WV Department of Environmental Protection

OPEN FLOW DATA

Producing formation SHALE, SHALE/BEREA/WEIR Pay zone depth (ft) SEE ATTACHED
Gas: Initial open flow 0 MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow 313 MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests 48 Hours
Static rock Pressure 580 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: Jerry Kenyon
Date: 7-19-2012

08/17/2012

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	8	SUB BASE			GAS CHECK @ 2888' - INJUN/NO GAS GAS CHECK @ 3520' - BEREA/NO GAS GAS CHECK @ 4860' - TD/SMELL
8	21	FILL			
21	40	SAND STONE			
40	475	SAND/SHALE			
475	478	OPEN MINE			
478	558	SAND/SHALE			
558	562	OPEN MINE			
562	1515	SAND/SHALE			
1515	2038	SALT SANDS			
2038	2306	PENNINGTON			
2306	2440	MAXTON			
2440	2485	SAND.SHALE			
2485	2530	LITTLE LIME			
2530	2873	BIG LIME			
2873	2920	INJUN			
2935	3495	WEIR			
3495	3550	BEREA			
3550	4650	DEVONIAN			
4650	4860	HARREL SHALE			

