

WR-35
Rev (5-01)

DATE: 01-25-2011
API #: 47-5901983

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.: 1855

LOCATION: Elevation: 901.3' Quadrangle: DELBARTON

District: MAGNOLIA County: MINGO
Latitude: 9,683 Feet South of 37 Deg. 40 Min. 00 Sec.
Longitude 30 Feet West of 82 Deg. 10 Min. 00 Sec.

Company: M&M DRILLING, INC.

	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>30'</u>	<u>30'</u>	
<u>WHARNCLIFFE, WV 25651</u>	<u>9 5/8"</u>	<u>422'</u>	<u>422'</u>	<u>183</u>
Agent: <u>JAMES HILL</u>	<u>7"</u>	<u>2072'</u>	<u>2072'</u>	<u>435</u>
Inspector: <u>GARY SCITES</u>	<u>4 1/2"</u>	<u>4334'</u>	<u>4334'</u>	<u>304</u>
Date Permit Issued: <u>11/03/2008</u>				
Date Well Work Commenced: <u>04/08/10</u>				
Date Well Work Completed: <u>04/17/10</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary <u>YES</u> Cable Rig				
Total Depth (feet): <u>4,356'</u>				
Fresh Water Depth (ft.):				
Salt Water Depth (ft.): <u>1366'</u>				
Is coal being mined in area (N/Y)? <u>NO</u>				
Coal Depths (ft.):				

RECEIVED
Office of Oil & Gas
JAN 31 2011
WV Department of
Environmental Protection

OPEN FLOW DATA

Producing formation Shale, Shale/Berea, Big Lime Pay zone depth (ft)SEE ATTACHED
Gas: Initial open flow 0 MCF/d Oil: Initial open flow Bbl/d
Final open flow 581 MCF/d Final open flow Bbl/d
Time of open flow between initial and final tests 48 Hours
Static rock Pressure 690 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 Kenzler
Date: JANUARY 26, 2011

11/11/2011

API# 47-5901983WELL 1855

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 @ 2350' - BIG LIME/SMELL
8	20	SAND STONE			GAS CHECK @ 2922' - COFFEE
20	1386	SAND/SHALE			SHALE/SMELL
1386	1525	SALT SAND			GAS CHECK @ 3072' - TOP BROWN
1525	1878	SAND/SHALE			SHALE/SMELL
1878	1985	MAX SAND			GAS CHECK @ 3703' - BROWN
1985	2025	LITTLE LIME			SHALE/SMELL
2025	2069	SAND/SHALE			GAS CHECK @ 4359' - TD/SMELL
2069	2355	BIG LIME			
2355	2995	SHALE			
2995	3049	BEREA			
3049	4355	SHALE			
4355	4359	CORNIFEROUS			

11/11/2011

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

WELL NAME & NO.	<u>QUALITY NATURAL GAS, LLC, #1855</u>
API #	<u>47-5901983</u>
DATE	<u>01/10/2011</u>

STAGE NO. 1

TYPE FRAC	<u>NITROGEN</u>
ACID AMOUNT	<u>12 BARRELS</u>
# PERFORATIONS	<u>20 HOLES</u>
PERF INTERVAL	<u>3570-4096'</u>
MAXIMUM PRESSURE	<u>4508 PSI</u>
INSTANT SHUT IN PRESSURE	<u>1887 PSI</u>
TOTAL TREATMENT VOLUME	<u>902,644</u>

STAGE NO. 2

TYPE FRAC	<u>NITROGEN</u>
ACID AMOUNT	<u>12 BARRELS</u>
# PERFORATIONS	<u>14 HOLES</u>
PERF INTERVAL	<u>3036'-3152'</u>
MAXIMUM PRESSURE	<u>4578 PSI</u>
INSTANT SHUT IN PRESSURE	<u>2069 PSI</u>
TOTAL TREATMENT VOLUME	<u>903,683</u>

STAGE NO. 3

TYPE FRAC	<u>ACID</u>
ACID AMOUNT	<u>119 BARRELS</u>
# PERFORATIONS	<u>20 HOLES</u>
PERF INTERVAL	<u>2202'-2336'</u>
MAXIMUM PRESSURE	<u>2426 PSI</u>
INSTANT SHUT IN PRESSURE	<u>1087 PSI</u>
TOTAL TREATMENT VOLUME	<u>201,615</u>