

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

Well Operator's Report of Well Work

Farm name: Stewart Marvin Brock Operator Well No.: #1-M

LOCATION: Elevation: 1324' Quadrangle: Normantown 7.5'

District: Center County: Gilmer
Latitude: 6300 Feet South of 38 Deg. 47 Min. 30 Sec.
Longitude 7750 Feet West of 80 Deg. 55 Min. 00 Sec.

Company: Motto Energy

	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: <u>1276 Grass Run Rd.</u> <u>Normantown, WV 25267</u>	<u>7"</u>		<u>1105'</u>	<u>165 sks. T.S.</u>
Agent: <u>Scott Motto</u>				
Inspector: <u>David Gilbert</u>	<u>4 1/2"</u>		<u>2 00'</u>	<u>65 sacks</u>
Date Permit Issued: <u>February, 2009</u>				
Date Well Work Commenced: <u>May 17, 2009</u>				
Date Well Work Completed: <u>May 20, 2009</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary <u>XXX</u> Cable Rig				
Total Depth (feet): <u>2475'</u>				
Fresh Water Depth (ft.): <u>None</u>				
Salt Water Depth (ft.): <u>None</u>				
Is coal being mined in area (N/Y)? <u>No</u>				
Coal Depths (ft.): <u>None</u>				

OPEN FLOW DATA

Producing formation Big Injun, Blue Monday Pay zone depth (ft) 2350-2362, 2170-2176

Gas: Initial open flow 40 MCF/d Oil: Initial open flow none Bbl/d

Final open flow 100 MCF/d Final open flow 0 Bbl/d

Time of open flow between initial and final tests 72 Hour

Static rock Pressure 80 psig (surface pressure) after 48 Hour

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 _____ Hour

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: Scott Motto
By: Scott Motto
Date: 7-17-09

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Stage #1-Perfs 2350-2362 18 holes

Crosslink water frac- 19,000# 20-40 sand, 500 gal 15% HCL, 400 bbl H2O

Stage #2-Perfs 2170-2176 12 holes

Crosslink water frac- 7,500# 20-40 sand, 500 gal 15% HCL, 405 bbl H2O

<u>Formation</u>	<u>From</u>	<u>To</u>
Sand & Shale	0	105
Red Rock	105	125
Sand & Shale	125	750
Red Rock	750	775
Sand & Shale	775	1800
Salt Sand	1800	1855
Shale	1855	1980
Maxon	1980	2002 Gas Show
Shale	2002	2170
Blue Monday	2170	2180
Big Lime	2180	2300
Big Injun	2300	2390
Shale	2390	2475

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05/03/2013