

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.: #2-M

LOCATION: Elevation: 1240' Quadrangle: Normantown 7.5'

District: Center County: Gilmer  
Latitude: 5200 Feet South of 38 Deg. 47 Min. 30 Sec.  
Longitude: 2000 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: 1276 Grass Run Rd. Normantown, WV 25267	7"		1009'	145 sks. T.S.
Agent: Scott Motto				
Inspector: David Gilbert	4 1/2"		2378'	65 sacks
Date Permit Issued: February, 2009				
Date Well Work Commenced: May 21, 2009				
Date Well Work Completed: May 23, 2009				
Verbal Plugging:				
Date Permission granted on:				
Rotary XXX Cable Rig				
Total Depth (feet): 2475'				
Fresh Water Depth (ft.): None				
Salt Water Depth (ft.): None				
Is coal being mined in area (N/Y)? No				
Coal Depths (ft.): <u>None</u>				

OPEN FLOW DATA

Producing formation Big Injun, Blue Monday Pay zone depth (ft) 2255-2264, 2071-2079  
Gas: Initial open flow 250 MCF/d Oil: Initial open flow 0 Bbl/d  
Final open flow 900 MCF/d Final open flow show Bbl/d  
Time of open flow between initial and final tests 72 Hours  
Static rock Pressure 660 psig (surface pressure) after 48 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: Scott Motto  
By: Scott Motto  
Date: 7-17-09

RECEIVED  
Office of Oil and Gas  
July 27, 2013  
Department of Environmental Protection

21-05661

Stage #1-Perfs 2255-2264 18 holes

Crosslink water frac- 20,000# 20-40 sand, 500 gal 15% HCL, 440 bbl H2O

Stage #2-Perfs 2071-2079 16 holes

Crosslink water frac- 13,500# 20-40 sand, 500 gal 15% HCL, 405 bbl H2O

<u>Formation</u>	<u>From</u>	<u>To</u>
Sand & Shale	0	85
Red Rock	85	110
Sand & Shale	110	700
Red Rock	700	755
Sand & Shale	755	1700
Salt Sand	1700	1755
Shale	1755	1900
Maxon	1900	1920 Gas Show
Shale	1920	2070
Blue Monday	2070	2085
Big Lime	2085	2200
Big Injun	2200	2290
Shale	2290	2475

RECEIVED  
Office of Oil and Gas

APR 17 2013

Department of  
Environmental Protection

05/03/2013