

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

Well Operator's Report of Well Work

Farm name: Gerwig, William M. Operator Well No.: #1-M
 LOCATION: Elevation: 1246' Quadrangle: Cedarville 7.5'
 District: Otter County: Braxton
 Latitude: _____ Feet South of _____ Deg. _____ Min. _____ Sec.
 Longitude _____ Feet West of _____ Deg. _____ Min. _____ 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>7"</u>		<u>961'</u>	<u>145 sks. T.S.</u>
<u>Normantown, WV 25267</u>				
Agent: <u>Scott Motto</u>				
Inspector: <u>David Gilbert</u>	<u>4 1/2"</u>		<u>2450'</u>	<u>65 sacks</u>
Date Permit Issued: <u>February, 2009</u>				
Date Well Work Commenced: <u>May 26, 2009</u>				
Date Well Work Completed: <u>May 28, 2009</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary XXX Cable Rig				
Total Depth (feet): <u>2510'</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) 2356-2365, 2161-2169
 Gas: Initial open flow 50 MCF/d Oil: Initial open flow 0 Bbl/d
 Final open flow 400 MCF/d Final open flow show Bbl/d
 Time of open flow between initial and final tests 72 Hours
 Static rock Pressure 490 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

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Stage #1-Perfs 2356-2365 18 holes

Crosslink water frac- 25,000# 20-40 sand, 500 gal 15% HCL, 490 bbl H2O

7-02602

Stage #2-Perfs 2161-2169 16 holes

Crosslink water frac- 14,500# 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	155
Sand & Shale	155	600
Red Rock	600	615
Sand & Shale	615	1900
Salt Sand	1900	1925
Shale	1925	2065
Maxon	2065	2080
Shale	2080	2160
Blue Monday	2160	2175
Big Lime	2175	2300
Big Injun	2300	2375 Gas Show
Shale	2375	2510

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05/03/2013