

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

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Well Operator's Report of Well Work

MAR 25 2013

Farm name: Joe Powell Operator Well No.: # 1
 LOCATION: Elevation: 1100 ft Quadrangle: M. Flystone
 District: Sherman County: Calhoun
 Latitude: 11800 Feet South of 38 Deg. 50 Min. 00 Sec.
 Longitude 5050 Feet West of 81 Deg. 02 Min. 30 Sec.

Company: Greer, Inc.

	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: <u>4787 Sassafras Ridge Rd</u>				
<u>Arnoldsburg, WV 25234</u>				
Agent: <u>Elma Jean Mace</u>	<u>9 5/8"</u>	<u>300'</u>	<u>300'</u>	<u>CTS</u>
Inspector: <u>Ed Garner</u>				
Date Permit Issued: <u>7-22-2008</u>	<u>7"</u>	<u>2240</u>	<u>2240</u>	<u>300</u>
Date Well Work Commenced: <u>7-30-2008</u>				
Date Well Work Completed: <u>3-1-2009</u>	<u>4 1/2"</u>	<u>0</u>	<u>5512</u>	<u>500</u>
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig				
Total Depth (feet): <u>5512 ft</u>				
Fresh Water Depth (ft.): <u>50 ft</u>				
Salt Water Depth (ft.): <u>1200 ft</u>				
Is coal being mined in area (N/Y)? <u>No</u>				
Coal Depths (ft.): <u>0</u>				

OPEN FLOW DATA

Producing formation Marcellus Pay zone depth (ft) 5500 ft
 Gas: Initial open flow 0 MCF/d Oil: Initial open flow 0 Bbl/d
 Final open flow 6.5 MCF/d Final open flow 0 Bbl/d
 Time of open flow between initial and final tests 8 Hours
 Static rock Pressure 250 psig (surface pressure) after 48 Hours

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APR 01 2013

Second producing formation none 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

WV Department of Environmental Protection

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: GREER INC
 By: Elma Mace
 Date: 3-21-13

04/12/2013
 No further change

Stump/Garrett #3 API number 0130-4683

Perforation were done at the following depths with 200 mmcf Nitrogen. No Physical Changes occurred.

Depths:	Formation:
3437	Sand
3675	Slate & Shale
3774	Slate & Shale
3807	Slate & Shale
4049	Slate & Shale
4092	Slate & Shale
4138	Slate & Shale
4152	Slate & Shale
4425	Slate & Shale
4549	Slate & Shale
4688	Slate & Shale
4881	Slate & Shale
4918	Slate & Shale
4962	Slate & Shale
5072	Slate & Shale
5080	Slate & Shale
5112	Slate & Shale
5162	Slate & Shale
5209	Slate & Shale
5348	Marcellus