

State of West Virginia
 Division of Environmental Protection
 Section of Oil and Gas

Well Operator's Report of Well Work

Farm Name: Bradley Lewis Operator Well No. Shuman #2 DO908

LOCATION: Elevation: 1254' Quadrangle: Berlin
 District: Elk County: Harrison
 Latitude: 8060' Feet S. of 39 Deg. 07 Min. 30 Sec.
 Longitude: 9450' Feet W. of 80 Deg. 15 Min. 00 Sec.

Company: Devonian Gas Production, Inc.

Address:	Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. Ft.
<u>PO Box 907</u>	<u>9 5/8"</u>	<u>30</u>	<u>30'</u>	
<u>Jane Lew, WV 26378</u>	<u>7"</u>	<u>1141'</u>	<u>1141'</u>	<u>to surface</u>
Agent: <u>John Haskins</u>	<u>4 1/2"</u>		<u>5044'</u>	<u>215 sks</u>
Inspector: <u>Tim Bennett</u>				
Date Permit Issued: <u>08/25/09</u>				
Date Well Work Commenced: <u>11/10/09</u>				
Date Well Work Completed: <u>12/01/09</u>				
Verbal Plugging:				
Date Permission Granted on:				
Rotary X Cable Rig				
Total Depth (ft): <u>5120'</u>				
Fresh Water Depth (ft): <u>35'</u>				
Salt Water Depth (ft): <u>NA</u>				

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Is coal being mined in the area (Y/N)? N
 Coal Depths (ft): NA

OPEN FLOW DATA

Producing formations	Pay zone depth (ft)
<u>Bradford</u>	<u>3702'</u>
<u>Benson</u>	<u>4509'</u>
<u>Elk</u>	<u>4902'</u>

Gas: Initial open flow 160 Mcf/d. Oil: Initial open flow N/A Bbl/d
 Final open flow 250 Mcf/d. Final open flow N/A Bbl/d
 Time to open flow between initial and final tests: 7 Hours
 Static rock Pressure 1650 psig (surface press.) after 48 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: [Signature]
 By: John Haskins
 Date: 7/15/10

HYDRAULIC FRACTURING DETAILS

STAGE	FORMATION	PERFORATIONS	SAND
		# of shots	20/40
1st Stage	Elk	12	35,000
2nd Stage	Benson	14	40,000
3rd Stage	Bradford	10	20,000

DRILLERS LOG

FORMATION	FROM	TO
Fill	0	10
sand & shale	10	32
sand & shale	32	1,310
sand & shale	1,310	1,640
Big Lime	1,640	1,750
sand & shale	1,750	2,496
Fifth Sand	2,496	2,582
Bayard	2,582	3,696
Bradford	3,696	4,519
Benson	4,519	4,934
Elk	4,934	4,951
sand & shale	4,951	TD

ELECTRIC LOG

FORMATION	DEPTH
Big Lime	1,750
Fifth Sand	2,496
Bayard	2,582
Bradford	3,695
Benson	4,515
Elk	4,934