

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 #4 DO919

LOCATION: Elevation: 1310.47' Quadrangle: Berlin
 District: Elk County: Harrison
 Latitude: 7600' Feet S. of 39 Deg. 07 Min. 30 Sec.
 Longitude: 8990' 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>968'</u>	<u>968'</u>	<u>to surface</u>
Agent: <u>John Haskins</u>	<u>4 1/2"</u>		<u>5073'</u>	<u>215 sks</u>
Inspector: <u>Tim Bennett</u>				
Date Permit Issued: <u>03/15/10</u>				
Date Well Work Commenced: <u>03/25/10</u>				
Date Well Work Completed: <u>04/09/10</u>				
Verbal Plugging:				
Date Permission Granted on:				
Rotary X Cable Rig				
Total Depth (ft): <u>5150'</u>				
Fresh Water Depth (ft): <u>95'</u>				
Salt Water Depth (ft): <u>NA</u>				

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 WV Department of Environmental Protection

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>3789'</u>
<u>Benson</u>	<u>4589'</u>
<u>Elk</u>	<u>4982'</u>

Gas: Initial open flow 170 Mcf/d. Oil: Initial open flow N/A Bbl/d
 Final open flow 235 Mcf/d. Final open flow N/A Bbl/d
 Time to open flow between initial and final tests: 8 Hours
 Static rock Pressure 1600 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	30,000
2nd Stage	Benson	14	40,000
3rd Stage	Bradford	11	25,000

DRILLERS LOG

FORMATION	FROM	TO
Fill	0	10
sand & shale	10	32
sand & shale	32	1,310
sand & shale	1,310	1,695
Big Lime	1,695	1,800
sand & shale	1,800	2,573
Fifth Sand	2,573	2,658
Bayard	2,658	3,793
Bradford	3,793	4,580
Benson	4,580	4,940
Elk	4,940	5,150
sand & shale	5,150	TD

ELECTRIC LOG

FORMATION	DEPTH
Big Lime	1,695
Fifth Sand	2,573
Bayard	2,608
Bradford	3,793
Benson	4,580
Elk	4,940