

DATE: 6/12/12  
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 Office of Oil & Gas

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

JUL 30 2012

Well Operator's Report of Well Work

WV Department of  
 Environmental Protection

Farm Name: Hartzel Marple Operator Well No. ENR1180003

LOCATION: Elevation: 1448.15' Quadrangle: Berlin  
 District: Warren County: Upshur  
 Latitude: 2990' Feet S. of 39 Deg. 05 Min. 00 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>conductor</u>	
<u>Jane Lew, WV 26378</u>	<u>7"</u>	<u>1136'</u>	<u>1136'</u>	<u>to surface</u>
Agent: <u>John Haskins</u>	<u>4 1/2"</u>		<u>5226'</u>	<u>200 sks</u>
Inspector: <u>Bill Hatfield</u>				
Date Permit Issued: <u>07/12/10</u>				
Date Well Work Commenced: <u>11/12/10</u>				
Date Well Work Completed: <u>12/03/10</u>				
Verbal Plugging:				
Date Permission Granted on:				
Rotary X Cable Rig				
Total Depth (ft): <u>5260'</u>				
Fresh Water Depth (ft): <u>n/a</u>				
Salt Water Depth (ft): <u>NA</u>				

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

OPEN FLOW DATA

Producing formations	Pay zone depth (ft)
<u>Bradford</u>	<u>3909'</u>
<u>Benson</u>	<u>4725'</u>
<u>Elk</u>	<u>5111'</u>

Gas: Initial open flow odor 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: 4 Hours  
 Static rock Pressure 1750 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: 6/12/12

### HYDRAULIC FRACTURING DETAILS

STAGE	FORMATION	PERFORATIONS	SAND
		# of shots	20/40
1st Stage	Elk	12	40,000
2nd Stage	Benson	12	40,000
3rd Stage	Bradford	9	30,000

### DRILLERS LOG

FORMATION	FROM	TO
Fill	0	15
sand & shale	15	225
red rock & shale	225	577
sand & shale	577	1,115
red rock & shale	1,115	1,325
Little Lime	1,325	1,457
red rock	1,457	1,840
Big Lime	1,840	2,040
Injun	2,040	2,050
sand & shale	2,050	2,670
Fifth Sand	2,670	2,750
Bayard	2,750	2,810
sand & shale	2,810	3,909
Bradford	3,909	3,960
sand & shale	3,960	4,725
Benson	4,725	4,730
sand & shale	4,730	5,110
Elk	5,110	TD

### ELECTRIC LOG

FORMATION	DEPTH
Big Lime	1,840
Big Injun	2,050
Fifth Sand	2,670
Bayard	2,750
Bradford	3,905
Benson	4,700
Elk	5,090