

DATE: 3/15/11
API: 47-097-03650

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

Well Operator's Report of Well Work

RECEIVED
Office of Oil & Gas

Farm Name: Darrell Crites Operator Well No. Loudin #4 D0904

LOCATION: Elevation: 1817.04' Quadrangle: Rock Cave
District: Meade County: Upshur
Latitude: 4410' Feet S. of 38 Deg. 52 Min. 30 Sec.
Longitude: 750' 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>973'</u>	<u>973'</u>	<u>to surface</u>
Agent: <u>John Haskins</u>	<u>4 1/2"</u>	<u>none</u>	<u>3977'</u>	<u>180 sks</u>
Inspector: <u>Bill Hatfield</u>				
Date Permit Issued: <u>06/12/09</u>				
Date Well Work Commenced: <u>10/13/09</u>				
Date Well Work Completed: <u>11/04/09</u>				
Verbal Plugging:				
Date Permission Granted on:				
Rotary X Cable Rig				
Total Depth (ft): <u>4020'</u>				
Fresh Water Depth (ft): <u>87'</u>				
Salt Water Depth (ft): <u>NA</u>				

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

OPEN FLOW DATA

Producing formations	Pay zone depth (ft)
<u>Riley</u>	<u>3482'</u>
<u>Benson</u>	<u>3822'</u>

Gas: Initial open flow odor Mcf/d. Oil: Initial open flow N/A Bbl/d
Final open flow 200 Mcf/d. Final open flow N/A Bbl/d
Time to open flow between initial and final tests: 5 Hours
Static rock Pressure 750 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: _____
By: [Signature]
Date: 3/15/11

HYDRAULIC FRACTURING DETAILS

97-03650

STAGE	FORMATION	PERFORATIONS	SAND
		# of shots	20/40
1st Stage	Benson	14	40,000
2nd Stage	Riley	10	25,000

DRILLERS LOG

FORMATION	FROM	TO
Fill	0	30'
shale	30'	416'
sand & shale	416'	466'
sand & shale	466'	502'
sand & shale	502'	1268'
Big Lime	1268'	1316'
sand & shale	1316'	2012'
Gordon	2012'	2127'
sand & shale	2127'	2261'
Fifth Sand	2261'	2384'
sand & shale	2384'	3582'
Riley	3582'	3663'
sand & shale	3663'	3816'
Benson	3816'	TD

ELECTRIC LOG

FORMATION	DEPTH
Big Lime	1316'
Gordon	2127'
Fifth Sand	2384'
Riley	3482'
Benson	3822'