

AUG 29 2012

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

Well Operator's Report of Well Work

Farm Name: Cathers #4 Operator Well No. EP0903

LOCATION: Elevation: 1048' Quadrangle: Salem
 District: Sardis County: Harrison
 Latitude: 5858' Feet S. of 80 Deg. 30 Min. Sec.
 Longitude: 4580' Feet W. of 39 Deg. 22 Min. 30 Sec.

Company: Energy Production, Inc.

Address:	Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. Ft.
<u>PO Box 907</u>	<u>13 3/8</u>	<u>30'</u>	<u>30'</u>	
<u>Jane Lew, WV 26378</u>	<u>9 5/8</u>	<u>160'</u>	<u>160'</u>	<u>To Surface</u>
Agent: <u>John Haskins</u>	<u>7"</u>	<u>2315'</u>	<u>2315'</u>	<u>To Surface</u>
Inspector: <u>Tim Bennett</u>	<u>4.5"</u>		<u>5853'</u>	<u>246 sacs</u>
Date Permit Issued: <u>03/31/10</u>				
Date Well Work Commenced: <u>03/31/10</u>				
Date Well Work Completed: <u>06/02/10</u>				
Verbal Plugging:				
Date Permission Granted on:				
Rotary X Cable Rig				
Total Depth (ft): <u>6800'</u>				
Fresh Water Depth (ft): <u>45'</u>				
Salt Water Depth (ft):				

Is coal being mined in the area (Y/N)? n
 Coal Depths (ft): 490'

OPEN FLOW DATA

Producing formations	Alexander	Pay zone depth (ft)	5390' - 5728'
	<u>Benson</u>		<u>4972' - 5123'</u>
	<u>Riley</u>		<u>4516' - 4663'</u>
	<u>Balltown/ Speechley</u>		<u>3511' - 4043'</u>
	<u>Gordon</u>		<u>2872' - 2926'</u>
	<u>50'</u>		<u>2679' - 2704'</u>

Gas: Initial open flow odor Mcf/d. Oil: Initial open flow N/A Bbl/d
 Final open flow 163 Mcf/d. Final open flow N/A Bbl/d
 Time to open flow between initial and final tests: 4 Hours
 Static rock Pressure 500 psig (surface press.) after 72 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: 11/15/11

