



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

Well Operator's Report of Well Work

Farm Name: Potter B#3 Operator Well No. EP0503

LOCATION: Elevation: 1849' Quadrangle: Buckhannon 7.5
 District: Meade County: Upshur
 Latitude: 10385' Feet S. of 38 Deg. 55 Min. 00 Sec.
 Longitude: 3895' Feet W. of 80 Deg. 12 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>9 5/8"</u>	<u>30'</u>	<u>30'</u>	
<u>Jane Lew, WV 26378</u>	<u>7"</u>	<u>888'</u>	<u>888'</u>	<u>to surface</u>
Agent: <u>John Haskins</u>	<u>4 1/2"</u>		<u>4024'</u>	<u>190 sacs</u>
Inspector: <u>Bill Hatfield</u>				
Date Permit Issued: <u>09/27/10</u>				
Date Well Work Commenced: <u>03/15/11</u>				
Date Well Work Completed: <u>04/06/11</u>				
Verbal Plugging:				
Date Permission Granted on:				
Rotary X Cable Rig				
Total Depth (ft): <u>4123'</u>				
Fresh Water Depth (ft): <u>280'</u>				

Salt Water Depth (ft): _____

Is coal being mined in the area (Y/N)? N
 Coal Depths (ft): 341'

OPEN FLOW DATA

Producing formations	Pay zone depth (ft)
<u>4th</u>	<u>2120' - 2126'</u>
<u>5th</u>	<u>2160' - 2168'</u>
<u>Bayard</u>	<u>2204' - 2228'</u>
<u>Bradford</u>	<u>3552' - 3561'</u>
<u>Benson</u>	<u>3893' - 3897'</u>

Gas: Initial open flow 500 Mcf/d. Oil: Initial open flow N/A Bbl/d
 Final open flow 750 Mcf/d. Final open flow N/A Bbl/d
 Time to open flow between initial and final tests: 4 Hours
 Static rock Pressure 450 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: _____
 Date: 5/5/12

HYDRAULIC FRACTURING DETAILS

97-03764

STAGE	FORMATION	PERFORATIONS	SAND
		# of shots	20/40
1st Stage	Benson	14-Jan	35,000
2nd Stage	Bradford	11	20,000
3rd Stage	Bayard	10	25,000
4th Stage	Fifth Sand	16	15,000
5th Stage	4th	14	25,000

DRILLERS LOG

FORMATION	FROM	TO
Fill	0	10
sand	10	258
sand & shale	258	341
coal	341	355
sand & shale	355	1,425
Big Lime	1,425	1,604
big injun	1,604	1,614
sand & shale	1,614	2,120
4th	2,120	2,126
sand & shale	2,126	2,160
5th	2,160	2,168
sand & shale	2,168	2,204
Bayard	2,204	2,228
sand & shale	2,228	3,552
Bradford	3,552	3,561
sand & shale	3,561	3,893
Benson	3,893	3,897
sand & shale	3,897	T.D.

ELECTRIC LOG

FORMATION	Depth
Big Lime	1390'
Big Injun	1590'
Fourth Sand	2120'
Fifth Sand	2160'
Bayard	2204'
Bradford	3552'
Benson	3893'