

State of West Virginia
 Department of Environmental Protection
 Office of Oil and Gas

Well Operator's Report of Well Work

Farm Name: Kanawha County Parks and Recreation Date: 10/18/2012
 Operator Well No.: Coonskin #1 API #: 47-3906336

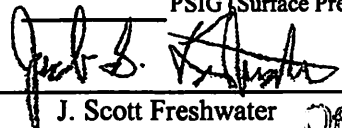
LOCATION

Elevation: 642 Quadrangle: Big Chimney
 District: Elk County: Kanawha
 Latitude: 38.3867443 NAD 83
 Longitude: 81.56066782 NAD 83

WELL INFORMATION

Company:	Reserve Oil and Gas, Inc.	Casing & Tubing:	Used in Drilling:	Left in Well:	Cement Fill up Cu. Ft.
Address:	<u>929 Charleston Road Spencer, WV 25276</u>	<u>13 3/8"</u>	<u>17.00</u>	<u>17.00</u>	<u>cts</u>
Agent:	<u>J. Scott Freshwater</u>	<u>9 5/8"</u>	<u>336.30</u>	<u>336.30</u>	<u>cts</u>
Inspector:	<u>Terry Urban</u>	<u>7"</u>	<u>1607.95</u>	<u>1607.95</u>	<u>cts</u>
Date Permit Issued:	<u>3/20/2012</u>	<u>4 1/2"</u>	<u>4391.35</u>	<u>4391.35</u>	<u>125 sks</u>
Date Work Commenced:	<u>4/30/2012</u>				
Date Work Completed:	<u>5/31/2012</u>				
Verbal Plugging:					
Date Permission Granted:					
Rotary Rig:	<u>CSi Rig #10</u>				
Cable Rig:					
Total Vertical Depth (FT):	<u>4420</u>	Total Measured Depth (FT): <u>4420</u>			
Fresh Water Depth (FT):	<u>40</u>				
Salt Water Depth (FT):	<u>N/A</u>				
Is coal being mined in area (N/Y):	<u>No</u>				
Coal Depths (FT):	<u>210 to 215</u>	Void(s) Encountered (N/Y) / Depth(s): <u>N/A</u>			

OPEN FLOW DATA

Producing Formation:	<u>Devonian Shale</u>	Pay Zone Depth (FT):	<u>2925</u>	to	<u>4360</u>
Gas		Oil			
Initial Open Flow:	<u>18.2</u>	Initial Open Flow:	<u>N/A</u>		
Final Open Flow:	<u>189</u>	Final Open Flow:	<u>N/A</u>		
Time of open flow between initial and final tests:	<u>720</u> Hours.				
Static Rock Pressure:	<u>469</u> PSIG (Surface Pressure) after:	<u>24</u> Hours.			
2nd Producing Formation:		Pay Zone Depth (FT):		to	
Gas		Oil			
Initial Open Flow:		Initial Open Flow:			
Final Open Flow:		Final Open Flow:			
Time of open flow between initial and final tests:	Hours.				
Static Rock Pressure:		PSIG (Surface Pressure) after:	Hours.		
Signed:			<u>10/18/2012</u>		
By:	<u>J. Scott Freshwater</u>		Date:		

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I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the information is true, accurate, and complete.

REC-102
 Office of Oil & Gas
 OCT 22 2012
 WV Department of Environmental Protection

12/07/2012

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 Continued

FORMATIONS

Formation:	From	To
Sub	0	7
Rock	7	210
Coal Seam	210	215
Sand & Shale	215	630
Salt Sand	630	1210
Sand & Shale	1210	1280
Maxton	1280	1302
Little Lime	1302	1345
Big Lime	1345	1525
Injun	1525	1550
Shale	1550	1820
Coffee Shale	1820	1845
Shale	1845	4420

Water:		
Depth:	Amount:	Type:
40	damp	freshwater
n/a		saltwater

Gas Checks:	
Depth:	Remarks:
1760	gas show
3700	gas show

Oil Shows:	
Depth:	Remarks:
n/a	drill pipe showed crude oil when TOH

FRACTURING

Perforations:		Stimulation:	
Stage 1:			
Number of Perforations:	40	Remarks: Totals	
Depth From (FT):	3770	N2	2,003,300 SCF
Depth To (FT):	4360	7 1/2% HCL Acid	1,500 Gallons
		I-7L - Iron control Additive	3 Gallons
		Cla Chek LP - Permanent Clay Stabilizer	2 Gallons
		Unihib-A - Low Temp Corrosion Inhibitor	1 1/2 Gallons
Stage 2:	40	3 3/4" #5 Frac Ball	1 Each
Number of Perforations:		1.3 S.G. 7/8" RCN Ball Sealers	85 Each
Depth From (FT):	2925		
Depth To (FT):	3586		
		Perforation Size	0.39 Inches

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Were Core Samples Taken (N/Y): No
 Were Cuttings Caught During Drilling (N/Y): No
 Were Geophysical Logs Recorded on This Well (N/Y): Yes
 Electrical (N/Y): Yes
 Mechanical (N/Y): Yes