

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 &	Used in	Left in	Cement Fill up
Address:	<u>929 Charleston Road</u>	Tubing:	Drilling:	Well:	Cu. Ft.
	<u>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: Devonian Shale Pay Zone Depth (FT): 2925 to 4360
 Gas Oil
 Initial Open Flow: 18.2 Initial Open Flow: N/A
 Final Open Flow: 189 Final Open Flow: N/A
 Time of open flow between initial and final tests: 720 Hours.
 Static Rock Pressure: 469 PSIG (Surface Pressure) after: 24 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: J. Scott Freshwater Date: 10/18/2012
 By: J. Scott Freshwater

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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.

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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 Chk LP - Permanent Clay Stabilizer	2 Gallons
		Unihib-A - Low Temp Corrosion Inhibitor	1 1/2 Gallons
Stage 2:			
Number of Perforations:	40		
Depth From (FT):	2925	3 3/4" #5 Frac Ball	1 Each
Depth To (FT):	3586	1.3 S.G. 7/8" RCN Ball Sealers	85 Each
		Perforation Size	0.39 Inches

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

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