

WR-35  
Rev (9-11)

State of West Virginia  
Department of Environmental Protection  
Office of Oil and Gas  
Well Operator's Report of Well Work

DATE: 1-10-13  
API #: 47-039-06333

Farm name: BAIL, RAYMOND III AND JANICE Operator Well No.: NANCY GREEN 3A

LOCATION: Elevation: 1085 Quadrangle: CLENDEWIN 7.5

District: BIG SANDY County: KANAWHA  
Latitude: 1720 Feet South of 38 Deg. 30 Min. 00 Sec.  
Longitude 10,470 Feet West of 81 Deg. 20 Min. 00 Sec.

Company: RAVEN RIDGE ENERGY LLC

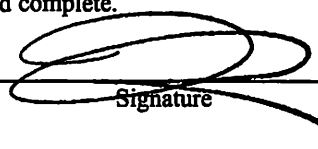
Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
<u>3230 PENNSYLVANIA AVE</u> <u>CHARLESTON WV 25302</u>				
Agent: <u>RYAN CUNNINGHAM</u>	<u>9 5/8</u>		<u>386</u>	<u>CTS</u>
Inspector: <u>TERRY URBAN</u>	<u>7</u>		<u>1874</u>	<u>CTS</u>
Date Permit Issued: <u>2-13-12</u>	<u>4 1/2</u>		<u>2376</u>	<u>1000' Fill up</u>
Date Well Work Commenced: <u>3-20-12</u>				
Date Well Work Completed: <u>3-24-12</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): <u>2472</u>				
Total Measured Depth (ft): <u>2472</u>				
Fresh Water Depth (ft.): <u>NA</u>				
Salt Water Depth (ft.): <u>NA</u>				
Is coal being mined in area (N/Y)? <u>(N)</u>				
Coal Depths (ft.): <u>NA</u>				
Void(s) encountered (N/Y) Depth(s) <u>NA</u>				

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation WEIR Pay zone depth (ft) 2104  
Gas: Initial open flow 50 MCF/d Oil: Initial open flow 1 Bbl/d  
Final open flow 40 MCF/d Final open flow 1 Bbl/d  
Time of open flow between initial and final tests 48 Hours  
Static rock Pressure 110 psig (surface pressure) after 54 Hours

Second producing formation \_\_\_\_\_ Pay zone depth (ft) \_\_\_\_\_  
Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow \_\_\_\_\_ MCF/d Final open flow \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests \_\_\_\_\_ Hours  
Static rock Pressure \_\_\_\_\_ psig (surface pressure) after \_\_\_\_\_ Hours

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.

  
Signature

1-10-13  
Date

03/15/2013

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WV Department of Environmental Protection

Were core samples taken? Yes  No Were cuttings caught during drilling? Yes  No Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list GAMMA RAY / NEUTRON DENSITY, INDUCTION, TEMPERATURE

NOTE: IN THE AREA BELOW 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 THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals, Fracturing, or Stimulating:

PERF WEIR 2104-2218 w/40 HOLES

450 B31 75 Quality FIAM FRAC  
500 15% HCL 300' SKS 20/40 SAND

Plug Back Details Including Plug Type and Depth(s):

Formations Encountered: \_\_\_\_\_ Top Depth \_\_\_\_\_ / \_\_\_\_\_ Bottom Depth \_\_\_\_\_  
 Surface: \_\_\_\_\_

SHALE	0-270	BIG LIME	1850-1880
SAND AND SHALE	270-540	BIG INTJUN	1880-1965
SHALE	540-715	SQUAW	1965-2005
SAND	715-820	SHALE	2005-2104
SAND AND SHALE	820-920	WEIR	2104-2218
SHALE	920-970	SHALE	2218-2472
SAND	970-1000	TD	2472
SHALE	1000-1060		
SAND AND SHALE	1060-1285		
SALT SANDS	1285-1610		
SHALE	1610-1650		
MAXTON	1650-1790		
SHALE	1790-1825		
LITTLE LIME	1825-1835		
PENCIL CAYE	1835-1850		