

DATE: 4/22/14
API #: 47-702615

jc

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

Well Operator's Report of Well Work

Farm name: CAYTON Operator Well No.: CAYTON #1

LOCATION: Elevation: 869' Quadrangle: Orlando

District: SALT LICK County: BRAXTON
Latitude: 3300 Feet South of 38 Deg. 47 Min. 30 Sec.
Longitude 1800 Feet West of 80 Deg. 35 Min. 00 Sec.

Company: J.C. Baker's Sons INC

	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: <u>PO BOX 369</u>	<u>8 3/8</u>	<u>800'</u>	<u>800'</u>	<u>250 SKS</u>
<u>GASSAWAY WU 26624</u>	<u>4 1/2</u>	<u>4235</u>	<u>4235</u>	<u>160 SKS</u>
Agent: <u>MICHAEL C BAKER</u>				
Inspector: <u>JOC M'COURT</u>				
Date Permit Issued: <u>11/13/11</u>				
Date Well Work Commenced: <u>11/30/13</u>				
Date Well Work Completed: <u>9/9/13</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary Cable <u>X</u> Rig				
Total Depth (feet): <u>4305</u>				
Fresh Water Depth (ft.): <u>120'</u>				
Salt Water Depth (ft.): <u>1550'</u>				
Is coal being mined in area <input checked="" type="checkbox"/> (Y)? <u>NO</u>				
Coal Depths (ft.):				

OPEN FLOW DATA

Producing formation Benson Pay zone depth (ft) 4215

Gas: Initial open flow 10 MCF/d Oil: Initial open flow 0 Bbl/d

Final open flow 40 MCF/d Final open flow 0 Bbl/d

Time of open flow between initial and final tests 0 Hours

Static rock Pressure 1325 psig (surface pressure) after 24 Hours
4th 5th sand

Second producing formation Balltown Pay zone depth (ft) 2700-3200

Gas: Initial open flow 5 MCF/d Oil: Initial open flow 0 Bbl/d

Final open flow 20 MCF/d Final open flow 0 Bbl/d

Time of open flow between initial and final tests 0 Hours

Static rock Pressure 1325 psig (surface pressure) after 24 Hours

RECEIVED
Section of Oil and Gas
APR 25 2014
WV Department of
Environmental Protection

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: Randall Riffle
By: Randall Riffle
Date: 4/22/14

7-02615

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

4th 5th sand & Balltown - Top 2200, Bottom 2743
20 shots

Benson - top 4220, Bottom 4214
12 shots

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Clay			0	15	
Red Rock			15	30	water 50'
Lime & slate			30	100	
Lime sand shale			100	500	
sand			500	550	
Slate/Lime			550	800	
Sand			800	850	
Lime			850	1035	
sand			1035	1070	
Lime			1070	1230	
sand			1230	1380	
Lime			1380	1400	
Red Rock & Lime			1400	1485	1485' show water
Slate			1485	1510	
Little Lime			1510	1535	
Slate			1535	1545	1550 show salt water.
Blue Monday Sand			1545	1615	
Big Lime			1615	1695	
Sand			1695	1795	
Lime Gritty			1795	2050	

(Attach separate sheets as necessary)

Randall Riffle
Well Operator

By: Randall Riffle

Date: 4/22/14

Note: Regulation 2.02(i) provides as follows:
"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."

05/02/2014

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Page # 2

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Sand			2050	2060	Show gas
Lime slate			2060	2130	
Sand			2130	2175	Reduced Hole 2246
Lime slate			2175	2265	
Red Lime			2265	2275	
Lime gritty			2275	2300	
Slate			2300	2410	
Lime gritty			2410	3200	
Lime slate			3200	4215	
Benson			4215	4235	Show gas
Lime			4235	T.O. 4305	

(Attach separate sheets as necessary)

Randall Riffle
Well Operator

By: Randall Riffle

Date: 4/22/14

Note: Regulation 2.02(i) provides as follows:
"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."