

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: July 8, 2013
API #: 47-103-02682

**REVISED FOR
COMPLETION**

Farm name: Potts, Patty & Bing Operator Well No.: Potts #9H

LOCATION: Elevation: 1,326' Quadrangle: New Martinsville

District: Proctor County: Wetzel
Latitude: 13.120 Feet South of 39 Deg. 42 Min. 30 Sec.
Longitude 7.480 Feet West of 80 Deg. 47 Min. 30 Sec.

Company: Stone Energy Corporation

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
<u>6000 Hampton Center, Suite B</u> <u>Morgantown, WV 26505</u>	<u>20"</u>	<u>45'</u>	<u>45'</u>	<u>GTS</u>
Agent: <u>Tim McGregor</u>	<u>13.375"</u>	<u>1,175'</u>	<u>1,175'</u>	<u>1,102 - CTS</u>
Inspector: <u>Derek Haught</u>	<u>9.625"</u>	<u>2,529'</u>	<u>2,529'</u>	<u>1,091 - CTS</u>
Date Permit Issued: <u>7/1/2011</u>	<u>5.5"</u>		<u>12,588'</u>	<u>2,948</u>
Date Well Work Commenced: <u>9/1/2011</u>	<u>2.375"</u>		<u>7,620'</u>	
Date Well Work Completed: <u>7/23/2012</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>6,578</u>				
Total Measured Depth (ft): <u>12,588</u>				
Fresh Water Depth (ft.): <u>45</u>				
Salt Water Depth (ft.): <u>1,519</u>				
Is coal being mined in area (N/Y)? <u>No</u>				
Coal Depths (ft.): <u>1,003</u>				
Void(s) encountered (N/Y) Depth(s) <u>N/A</u>				

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

Producing formation Marcellus Pay zone depth (ft) 7,691' - 12,491'

Gas: Initial open flow 440 MCF/d Oil: Initial open flow 0 Bbl/d

Final open flow 2,450 MCF/d Final open flow 0 Bbl/d

Time of open flow between initial and final tests 127 Hours

Static rock Pressure 2,200 psig (surface pressure) after 5 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

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JUL 10 2013

Office of Oil and Gas
WV Dept. of Environmental Protection

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]
Signature

7/8/2013
Date

08/16/2013

103-02682

Were core samples taken? Yes _____ No X

Were cuttings caught during drilling? Yes X No _____

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list MWD Gamma Ray, Mud Log, and CBL

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:

Perforated 16 intervals from 12,491' MD to 7,691' MD. Performed 16 individual stages of slick water stimulation using 5,841,897 gals fresh water, 757,560 lbs. 100M sand, and 5,877,318 lbs. 40/70M sand. Average BDP = 5,887 psi, Average TP = 7,104 psi, Average MTP = 9,074 psi, Average ISIP = 4,706 psi, and Average Injection Rate = 82.6 bpm.

See Attachment for FracFocus Information.

Plug Back Details Including Plug Type and Depth(s): N/A

Formations Encountered:	Top Depth	Bottom Depth
Surface:		

See attached sheet for formations encountered and their depths.

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10 2013

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 Horizontal

	Top (ft TVD)	Top (ft MD)	(ft)	Bottom (ft TVD)	Bottom (ft MD)
Sandstone & Shale	Surface		*	1003	
Pittsburgh Coal	1003		*	1009	
Sandstone & Shale	1009		*	1992	
Little Lime	1992		*	2034	
Sandstone & Shale	2034		*	2097	
Big Lime	2097		*	2291	
Big Injun	2291		*	2334	
Sandstone & Shale	2334		*	2701	
Berea sandstone	2701		*	2714	
Shale	2714		*	2947	
Gordon	2947		*	2995	
Undiff Devonian Shale	2995		~	5930	5972
Rhinestreet	5930	5972	~	6287	6464
Cashaqua	6287	6464	~	6400	6767
Middlesex	6400	6767	~	6418	6825
West River	6418	6825	~	6483	7032
Geneseo	6483	7032	~	6503	7100
Tully limestone	6503	7100	~	6450	7244
Hamilton	6450	7244	~	6573	7396
Marcellus	6573	7396	~	6578	12588
TD	6578	12588			

* From Pilot Hole Log

~ From MWD Gamma Log

Received

10