

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 #: 47-103-02604

REVISED FOR
COMPLETION ✓

Farm name: Potts, Patty & Bing Operator Well No.: Potts #3H

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

District: Proctor County: Wetzel
Latitude: 13,120 Feet South of 39 Deg. 42 Min. 30 Sec.
Longitude: 7,540 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.
6000 Hampton Center, Suite B Morgantown, WV 26505	20"	45'	45'	GTS
Agent: Tim McGregor	13.375"	1,167'	1,167'	1,114 - CTS
Inspector: Derek Haught	9.625"	2,512'	2,512'	1,080 - CTS
Date Permit Issued: 12/14/2010 & 6/16/2011	5.5"		12,592'	2,933
Date Well Work Commenced: 6/22/2011	2.375"		7,073'	
Date Well Work Completed: 7/23/2012				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 6,565				
Total Measured Depth (ft): 12,592				
Fresh Water Depth (ft.): 76				
Salt Water Depth (ft.): 1,820				
Is coal being mined in area (N/Y)? No				
Coal Depths (ft.): 1,010				
Void(s) encountered (N/Y) Depth(s) N/A				

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

Producing formation Marcellus Pay zone depth (ft) 7,086' - 12,362'

Gas: Initial open flow 410 MCF/d Oil: Initial open flow 0 Bbl/d

Final open flow 3,720 MCF/d Final open flow 0 Bbl/d

Time of open flow between initial and final tests 136 Hours

Static rock Pressure 2,400 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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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

7/8/2013
Date

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

08/16/2013

Formations Encountered: Top Depth / Bottom Depth
Surface:

See attached sheet for formations encountered and their depths.

103.02604

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 18 intervals from 12,362' MD to 7,086' MD. Performed 18 individual stages of slick water stimulation using 6,546,709 gals fresh water, 827,231 lbs. 100M sand, and 6,558,073 lbs. 40/70M sand. Average BDP = 5,334 psi, Average TP = 6,930 psi, Average MTP = 9,019 psi, Average ISIP = 4,293 psi, and Average Injection Rate = 82.7 bpm.

See Attachment for FracFocus Information.

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

Formations Encountered:	Top Depth	/	Bottom Depth
Surface:			

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 Horizontal

	Top (ft TVD)	Top (ft MD)	(ft)	Bottom (ft TVD)	Bottom (ft MD)
Sandstone & Shale	Surface		*	1010	
Pittsburgh Coal	1010		*	1014	
Sandstone & Shale	1014		*	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		~	5925	5934
Rhinestreet	5925	5934	~	6265	6345
Cashaqua	6265	6345	~	6383	6545
Middlesex	6383	6545	~	6403	6585
West River	6403	6585	~	6467	6731
Geneseo	6467	6731	~	6519	6870
Tully limestone	6519	6780	~	6520	6874
Hamilton	6520	6874	~	6548	6969
Marcellus	6548	6969	~	6565	12592
TD	6565	12592			

* From Pilot Hole Log

~ From MWD Gamma Log

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