

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 #: 47-103-02606

REVISED FOR
COMPLETION

Farm name: Potts, Patty & Bing Operator Well No.: Potts #5H

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

District: Proctor County: Wetzel
Latitude: 13,120 Feet South of 39 Deg. 42 Min. 30 Sec.
Longitude: 7,490 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"	1,149'	1,149'	1,062 - CTS
Inspector: Derek Haught	9.625"	2,518'	2,518'	1,091 - CTS
Date Permit Issued: 12/14/2010 & 6/16/2011	5.5"		12,537'	2,927
Date Well Work Commenced: 8/22/2011	2.375"		7,069'	
Date Well Work Completed: 7/15/2012				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 6,575				
Total Measured Depth (ft): 12,540				
Fresh Water Depth (ft.): 45				
Salt Water Depth (ft.): 1,519				
Is coal being mined in area (N/Y)? No				
Coal Depths (ft.): 1,003				
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) 7,097' - 12,438'
Gas: Initial open flow 200 MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow 2,260 MCF/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 69 Hours
Static rock Pressure 1,475 psig (surface pressure) after 3 Hours

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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

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

7/8/2013
Date

08/16/2013

103-02606

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 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 12,438' MD to 7,097' MD. Performed 18 individual stages of slick water stimulation using 6,685,226 gals fresh water, 824,281 lbs. 100M sand, and 6,690,638 lbs. 40/70M sand. Average BDP = 5,702 psi, Average TP = 7,051 psi, Average MTP = 9,040 psi, Average ISIP = 4,528 psi, and Average Injection Rate = 82.5 bpm.

See Attachment for FracFocus Information.

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

Formations Encountered: Surface:	Top Depth	/	Bottom Depth
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See attached sheet for formations encountered and their depths.

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08/16/2013

103-02606

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	Horizontal			Bottom (ft	
	Top (ft TVD)	Top (ft MD)		TVD)	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		~	5633	5638
Rhinestreet	5633	5638	~	6269	6382
Cashaqua	6269	6382	~	6391	6566
Middlesex	6391	6566	~	6408	6592
West River	6408	6592	~	6480	6720
Geneseo	6480	6720	~	6498	6756
Tully limestone	6498	6756	~	6533	6842
Hamilton	6533	6842	~	6566	6944
Marcellus	6566	6944	~	6575	12540
TD	6575	12540			

* From Pilot Hole Log
 ~ From MWD Gamma Log

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