

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: June 28, 2013
API #: 47-103-02632

REVISED FOR
COMPLETION

Farm name: Wilson, Willard & Mary et al Operator Well No.: Wilson #4H

LOCATION: Elevation: 1,328' Quadrangle: New Martinsville

District: Proctor County: Wetzel
Latitude: 10,570 Feet South of 39 Deg. 42 Min. 30 Sec.
Longitude 4,680 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 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>1,191'</u>	<u>1,191'</u>	<u>1,105 - CTS</u>
Inspector: <u>Derek Haught</u>	<u>9.625"</u>	<u>2,534'</u>	<u>2,534'</u>	<u>1,094 - CTS</u>
Date Permit Issued: <u>3/2/2011</u>	<u>5.5"</u>		<u>12,441'</u>	<u>3,108</u>
Date Well Work Commenced: <u>4/18/2011</u>	<u>2.375"</u>		<u>7,328'</u>	
Date Well Work Completed: <u>5/8/2012</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>6,730</u>				
Total Measured Depth (ft): <u>12,443</u>				
Fresh Water Depth (ft.): <u>45</u>				
Salt Water Depth (ft.): <u>2,175</u>				
Is coal being mined in area (N/Y)? <u>No</u>				
Coal Depths (ft.): <u>1,060</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) 7,406 - 12,382'

Gas: Initial open flow 150 MCF/d Oil: Initial open flow 0 Bbl/d

Final open flow 4860 MCF/d Final open flow 0 Bbl/d

Time of open flow between initial and final tests 142 Hours

Static rock Pressure 2,300 psig (surface pressure) after 13 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

Received

JUL 3 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.

W. J. Haught
Signature

6/28/2013

08/09/2013

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 17 intervals from 12,382' MD to 7,406' MD. Performed 17 individual stages of slick water stimulation using 6,292,118 gals fresh water, 790,068 lbs. 100M sand, and 5,193,249 lbs. 40/70M sand. Average BDP = 6,280 psi, Average TP = 7,407 psi, Average MTP = 9,071 psi, Average ISIP = 4,868 psi, and Average Injection Rate = 82.2 bpm.

See Attachment for FracFocus Information.

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

Formations Encountered: Surface:	Top Depth	/	Bottom Depth
-------------------------------------	-----------	---	--------------

See attached sheet for formations encountered and their depths.

Received

JUL 3 2013

Office of Oil and Gas
WV Dept. of Environmental Protection

Wilson #4H
API 47-103-02632
Stone Energy Corporation

	Horizontal		Bottom (ft TVD)	Bottom (ft MD)	
	Top (ft TVD)	Top (ft MD)			
Sandstone & Shale	Surface		*	677	
Coal	677		*	685	
Sandstone & Shale	685		*	1049	
Pittsburgh Coal	1049		*	1059	
Sandstone & Shale	1059		*	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		*	5942	5982
Rhinestreet	5942	5982	~	6292	6410
Cashaqua	6292	6410	~	6415	6604
Middlesex	6415	6604	~	6430	6632
West River	6430	6632	~	6498	6795
Geneseo	6498	6798	~	6514	6848
Tully limestone	6514	6848	~	6555	7024
Hamilton	6555	7024	~	6592	7234
Marcellus	6592	7234	~	6730	12443
TD	6730	12443			

* From Pilot Hole Log

~ From MWD Gamma Log

Received

JUL 3 2013

Office of Oil and Gas
WV Dept. of Environmental Protection

08/09/2013