

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 2, 2013  
API #: 47-103-02634

REVISED FOR  
COMPLETION ✓

Farm name: Wilson, Willard & Mary et al Operator Well No.: Wilson #6H

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

District: Proctor County: Wetzel  
Latitude: 10,560 Feet South of 39 Deg. 42 Min. 30 Sec.  
Longitude 4,640 Feet West of 80 Deg. 47 Min. 30 Sec.

Company: Stone Energy Corporation

Address: <u>6000 Hampton Center, Suite B</u>	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
<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>1,183'</u>	<u>1,183'</u>	<u>1,131 - CTS</u>
Inspector: <u>Derek Haught</u>	<u>9.625"</u>	<u>2,555'</u>	<u>2,555'</u>	<u>1,262 - CTS</u>
Date Permit Issued: <u>3/10/2011</u>	<u>5.5"</u>		<u>9,988'</u>	<u>2,205</u>
Date Well Work Commenced: <u>5/31/2011</u>	<u>2.375"</u>		<u>7,136'</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>6,707</u>				
Total Measured Depth (ft): <u>9,990</u>				
Fresh Water Depth (ft.): <u>45</u>				
Salt Water Depth (ft.): <u>2,220</u>				
Is coal being mined in area (N/Y)? <u>No</u>				
Coal Depths (ft.): <u>677 &amp; 1,049</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) 7,151' - 9,901'

Gas: Initial open flow 930 MCF/d Oil: Initial open flow 0 Bbl/d

Final open flow 3,600 MCF/d Final open flow 0 Bbl/d

Time of open flow between initial and final tests 73 Hours

Static rock Pressure 1,979 psig (surface pressure) after 463 Hours

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JUL 10 2013

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.

08/16/2013

W. G. [Signature]

7/2/2013

103-02634

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 9 intervals from 9,901' MD to 7,151' MD. Performed 9 individual stages of slick water stimulation using 3,216,834 gals fresh water, 388,084 lbs. 100M sand, and 3,136,977 lbs. 40/70M sand. Average BDP = 6,333 psi, Average TP = 6,909 psi, Average MTP = 9,032 psi, Average ISIP = 4,560 psi, and Average Injection Rate = 82.8 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.

Received

10

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08/16/2013

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	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		* 5965	5970
Rhinestreet	5965	5970	~ 6303	6382
Cashaqua	6303	6382	~ 6420	6565
Middlesex	6420	6565	~ 6441	6602
West River	6441	6602	~ 6503	6724
Geneseo	6503	6724	~ 6524	6768
Tully limestone	6524	6768	~ 6562	6863
Hamilton	6562	6863	~ 6600	6990
Marcellus	6600	6990	~ 6707	9990
TD	6707	9990		

\* From Pilot Hole Log

~ From MWD Gamma Log

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10 2013

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08/16/2013