

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 #: 47-103-02652

**REVISED FOR
COMPLETION**

Farm name: Wilson, Willard & Mary et al Operator Well No.: Wilson #7H

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

District: Proctor County: Wetzel
Latitude: 10,560 Feet South of 39 Deg. 42 Min. 30 Sec.
Longitude 4,620 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"	1,174'	1,174'	1,107 - CTS
Inspector: Derek Haught	9.625"	2,536'	2,536'	1,094 - CTS
Date Permit Issued: 4/22/2011 & 8/22/2011	5.5"		11,665'	2,676
Date Well Work Commenced: 6/10/2011	2.375"		7,486'	
Date Well Work Completed: 5/6/2012				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 6,591				
Total Measured Depth (ft): 11,665				
Fresh Water Depth (ft.): 45				
Salt Water Depth (ft.): 2,215				
Is coal being mined in area (N/Y)? No				
Coal Depths (ft.): 1,048				
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) 7,510' - 11,586'

Gas: Initial open flow 450 MCF/d Oil: Initial open flow 0 Bbl/d

Final open flow 2,420 MCF/d Final open flow 0 Bbl/d

Time of open flow between initial and final tests 76 Hours

Static rock Pressure 2,202 psig (surface pressure) after 577 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.

WV Dept. of Environmental Protection 08/16/2013

[Handwritten Signature]

7/2/2013

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 9 intervals from 11,586' MD to 7,510' MD. Performed 9 individual stages of slick water stimulation using 4,831,428 gals fresh water, 585,069 lbs. 100M sand, and 4,752,406 lbs. 40/70M sand. Average BDP = 5,839 psi, Average TP = 6,999 psi, Average MTP = 9,015 psi, Average ISIP = 4,430 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
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See attached sheet for formations encountered and their depths.

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 Stone Energy Corporation
 Horizontal

	Top (ft TVD)	Top (ft MD)	(ft *)	Bottom (ft TVD)	Bottom (ft MD)
Sandstone & Shale	Surface		*	1048	
Pittsburgh Coal	1048		*	1058	
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		*	5951	5990
Rhinestreet	5951	5990	~	6301	6426
Cashaqua	6301	6426	~	6421	6660
Middlesex	6421	6660	~	6441	6706
West River	6441	6706	~	6503	6866
Geneseo	6503	6866	~	6523	6928
Tully limestone	6523	6928	~	6564	7085
Hamilton	6564	7085	~	6600	7270
Marcellus	6600	7270	~	6591	11665
TD	6591	11665			

* From Pilot Hole Log

~ From MWD Gamma Log

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