

State of West Virginia  
Department of Environmental Protection - Office of Oil and Gas  
Well Operator's Report of Well Work

API 47 - 103 - 02793 County Wetzel District Magnolia  
Quad New Martinsville Pad Name Smith Field/Pool Name Mary  
Farm name Smith, Sonny and Charlotte Well Number #2H  
Operator (as registered with the OOG) Stone Energy Corporation  
Address 1300 Fort Pierpont Dr. - Suite 201 City Morgantown State WV Zip 26508

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey  
Top hole Northing 4,388,536 Easting 516,226  
Landing Point of Curve Northing 4,388,073 Easting 516,144  
Bottom Hole Northing 4,386,785 Easting 516,901

Elevation (ft) 1,321 GL Type of Well  New  Existing Type of Report  Interim  Final  
Permit Type  Deviated  Horizontal  Horizontal 6A  Vertical Depth Type  Deep  Shallow  
Type of Operation  Convert  Deepen  Drill  Plug Back  Redrilling  Rework  Stimulate  
Well Type  Brine Disposal  CBM  Gas  Oil  Secondary Recovery  Solution Mining  Storage  Other \_\_\_\_\_  
Type of Completion  Single  Multiple Fluids Produced  Brine  Gas  NGL  Oil  Other \_\_\_\_\_  
Drilled with  Cable  Rotary

Drilling Media Surface hole  Air  Mud  Fresh Water Intermediate hole  Air  Mud  Fresh Water  Brine  
Production hole  Air  Mud  Fresh Water  Brine

Mud Type(s) and Additive(s)  
Saturated salt mud which includes Caustic Soda, Barite, Lime, New-Drill, Perma-Lose HT, Xan-Plex D, X-Cide 102, Soda Ash, and Sodium Chloride

Date permit issued 10/12/12 & 5/7/14 Date drilling commenced 10/31/2013 Date drilling ceased 7/11/2014  
Date completion activities began Not Yet Completed Date completion activities ceased Not Yet Completed  
Verbal plugging (Y/N) N Date permission granted \_\_\_\_\_ Granted by \_\_\_\_\_

Please note: Operator is required to submit a plugging application within 5 days of verbal permission to plug.

Freshwater depth(s) ft 100 Open mine(s) (Y/N) depths \_\_\_\_\_  
Salt water depth(s) ft 2,202 Void(s) encountered (Y/N) depths \_\_\_\_\_  
Coal depth(s) ft 1,105 Cavern(s) encountered (Y/N) depths \_\_\_\_\_  
Is coal being mined in area (Y/N) N

RECEIVED  
Office of Oil and Gas  
MAR 13 2017  
WV Department of Environmental Protection

**APPROVED**

NAME: Senon  
DATE: 5-25-17

Reviewed by: DMH

06/02/2017









Smith #2H  
API 47-103-02793  
Stone Energy Corporation

	Horizontal			Bottom (ft TVD)	Bottom (ft MD)
	Top (ft TVD)	Top (ft MD)			
Sandstone & Shale	Surface		*	1,105	
Coal	1,105		*	1,107	
Sandstone & Shale	1,107		*	2,163	
Little Lime	2,163		*	2,193	
Big Lime	2,193		*	2,293	
Big Injun	2,293		*	2,393	
Sandstone & Shale	2,393		*	2,762	
Berea Sandstone	2,762		*	2,795	
Shale	2,795		*	2,986	
Gordon	2,983		*	3,033	
Undiff Devonian Shale	3,033		*	5,875	5,912
Rhinestreet	5,875	5,912	~	6,506	6,625
Cashaqua	6,506	6,625	~	6,653	6,877
Middlesex	6,653	6,877	~	6,674	6,902
West River	6,674	6,902	~	6,733	7,050
Geneseo	6,733	7,050	~	6,749	7,094
Tully Limestone	6,749	7,094	~	6,791	7,218
Hamilton Shale	6,791	7,218	~	6,834	7,374
Marcellus	6,834	7,374	~	6,897	12,474
TD				6,897	12,474

FW @ 100

SW @ 2,202

\* From Pilot Hole Log and Driller's Log

~ From MWD Gamma Log