

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

API 47 - 103 - 02792 County Wetzel District Magnolia
Quad New Martinsville Pad Name Smith Field/Pool Name Mary
Farm name Smith, Sonny and Charlotte Well Number #4H
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 4,388,530 Easting 516,225
Landing Point of Curve Northing 4,388,082 Easting 516,401
Bottom Hole Northing 4,386,128 Easting 517,065

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 10/24/2013 Date drilling ceased 7/2/2014
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 N
Salt water depth(s) ft 2,471 Void(s) encountered (Y/N) depths N
Coal depth(s) ft 1,146 Cavern(s) encountered (Y/N) depths N

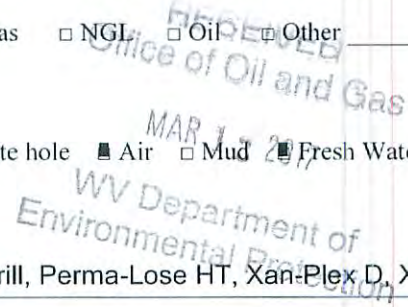
Is coal being mined in area (Y/N) N

APPROVED

NAME: [Signature]
DATE: 5-25-17

Reviewed by: [Signature]

06/02/2017



Smith #4H
 API 47-103-02792
 Stone Energy Corporation

	Horizontal		Bottom (ft TVD)	Bottom (ft MD)	
	Top (ft TVD)	Top (ft MD)			
Sandstone & Shale	Surface		* 1,146		FW @ 100
Coal	1,146		* 1,148		
Sandstone & Shale	1,148		* 2,163		
Little Lime	2,163		* 2,193		SW @ 2,471
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		* 5,771	5,810	
Rhinestreet	5,771	5,810	~ 6,501	6,604	
Cashaqua	6,501	6,604	~ 6,661	6,841	
Middlesex	6,661	6,841	~ 6,690	6,891	
West River	6,690	6,891	~ 6,748	7,007	
Geneseo	6,748	7,007	~ 6,764	7,039	
Tully Limestone	6,764	7,039	~ 6,805	7,142	
Hamilton Shale	6,805	7,142	~ 6,848	7,302	
Marcellus	6,848	7,302	~ 6,899	12,030	
TD			6,899	12,030	

* From Pilot Hole Log and Driller's Log

~ From MWD Gamma Log