

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

MAR 13 2017

WV Department of
Environmental Protection

API 47 - 103 - 02908 County Wetzel District Magnolia
Quad New Martinsville Pad Name Smith Field/Pool Name Mary
Farm name Smith, Sonny and Charlotte Well Number #6H
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 516,231
Landing Point of Curve Northing 4,388,299 Easting 516,545
Bottom Hole Northing 4,386,930 Easting 517,347

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 7/31/2013 Date drilling commenced 11/25/2013 Date drilling ceased 8/6/2014
Date completion activities began 12/09/2015 Date completion activities ceased 12/15/2015
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 1,733 Void(s) encountered (Y/N) depths N
Coal depth(s) ft 1,017 Cavern(s) encountered (Y/N) depths N

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

APPROVED

NAME: Se M Hsu

DATE: 5-25-17

Reviewed by:

Dmt

06/02/2017

Smith #6H
API 47-103-02908
Stone Energy Corporation

| | Horizontal | | Bottom (ft TVD) | Bottom (ft MD) | |
|-----------------------|-----------------|----------------|--------------------|-------------------|-----------|
| | Top (ft TVD) | Top (ft MD) | | | |
| Sandstone & Shale | Surface | | * | 1,017 | FW @ 100 |
| Coal | 1,017 | | * | 1,019 | |
| Sandstone & Shale | 1,019 | | * | 2,163 | SW @1,733 |
| 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 | | * | 5,882 | 5,906 |
| Rhinestreet | 5,882 | 5,906 | ~ | 6,514 | 6,587 |
| Cashaqua | 6,514 | 6,587 | ~ | 6,666 | 6,805 |
| Middlesex | 6,666 | 6,805 | ~ | 6,686 | 6,837 |
| West River | 6,686 | 6,837 | ~ | 6,745 | 6,940 |
| Geneseo | 6,745 | 6,940 | ~ | 6,761 | 6,973 |
| Tully Limestone | 6,761 | 6,973 | ~ | 6,802 | 7,070 |
| Hamilton Shale | 6,802 | 7,070 | ~ | 6,846 | 7,221 |
| Marcellus | 6,846 | 7,221 | ~ | 6,892 | 12,650 |
| TD | | | | 6,892 | 12,650 |

* From Pilot Hole Log and Driller's Log

~ From MWD Gamma Log