

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

API 47-103-02958 County Wetzel District Green
Quad Porters Falls Pad Name Martin Field/Pool Name Mary
Farm name Martin, Charles and Gwendolyn 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 4,384,787 Easting 520,082
Landing Point of Curve Northing 4,384,405 Easting 520,086
Bottom Hole Northing 4,383,033 Easting 520,946

Elevation (ft) 906 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 12/11/2013 Date drilling commenced 4/24/2014 Date drilling ceased 10/17/2014
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 108 Open mine(s) (Y/N) depths N
Salt water depth(s) ft None Reported Void(s) encountered (Y/N) depths N
Coal depth(s) ft 628 and 712 Cavern(s) encountered (Y/N) depths N

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

APPROVED

NAME: Sam M B
DATE: 5-25-17

Reviewed by:

DMH
06/02/2017

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Office of Oil and Gas
MAR 13 2017

WV Department of
Environmental Protection

Martin #4H
 API 47-103-02958
 Stone Energy Corporation
 Horizontal

| | Top (ft TVD) | Top (ft MD) | Bottom (ft TVD) | Bottom (ft MD) | |
|-----------------------|-----------------|----------------|--------------------|-------------------|--------------------|
| Sandstone & Shale | Surface | | * | 628 | FW @ 108' |
| Coal | 628 | | * | 634 | |
| Sandstone & Shale | 634 | | * | 712 | |
| Coal | 712 | | * | 730 | |
| Sandstone & Shale | 730 | | * | 1,883 | SW @ None Reported |
| Little Lime | 1,883 | | * | 1,913 | |
| Big Lime | 1,913 | | * | 2,013 | |
| Big Injun | 2,013 | | * | 2,113 | |
| Sandstone & Shale | 2,113 | | * | 2,477 | |
| Berea Sandstone | 2,477 | | * | 2,507 | |
| Shale | 2,507 | | * | 2,679 | |
| Gordon | 2,679 | | * | 2,729 | |
| Undiff Devonian Shale | 2,729 | | * | 5,551 | 5,576 |
| Rhinestreet | 5,551 | 5,576 | ~ | 6,162 | 6,226 |
| Cashaqua | 6,162 | 6,226 | ~ | 6,424 | 6,546 |
| Middlesex | 6,424 | 6,546 | ~ | 6,446 | 6,576 |
| West River | 6,446 | 6,576 | ~ | 6,510 | 6,678 |
| Geneseo | 6,510 | 6,678 | ~ | 6,526 | 6,711 |
| Tully Limestone | 6,526 | 6,711 | ~ | 6,559 | 6,781 |
| Hamilton Shale | 6,559 | 6,781 | ~ | 6,612 | 6,932 |
| Marcellus | 6,612 | 6,932 | ~ | 6,638 | 12,520 |
| TD | | | | 6,638 | 12,520 |

* From Pilot Hole Log and Driller's Log

~ From MWD Gamma Log