

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

API 47 - 103 - 02955 County Wetzel District Proctor
Quad New Martinsville Pad Name Erlewine Field/Pool Name Mary
Farm name Erlewine, Richard Well Number #10H
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 4,392,650 Easting 517,398
Landing Point of Curve Northing 4,392,476 Easting 517,861
Bottom Hole Northing 4,391,159 Easting 518,315

Elevation (ft) 1,212 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 1/8/2014 Date drilling commenced 7/30/2014 Date drilling ceased 12/15/2014
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 106 Open mine(s) (Y/N) depths _____
Salt water depth(s) ft 1,678 Void(s) encountered (Y/N) depths MAR 13 2017
Coal depth(s) ft 153, 374, 444, 644, 868 and 999 Cavern(s) encountered (Y/N) depths N

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

APPROVED

NAME: Sam A. K.
DATE: 5-25-17

RECEIVED
Office of Oil and Gas
N

MAR 13 2017
WV Department of
Environmental Protection
Reviewed by:

DmH

06/02/2017

Erlewine #10H
API 47-103-02955
Stone Energy Corporation

	Horizontal				
	Top (ft TVD)	Top (ft MD)			
Sandstone & Shale	Surface		*	153	
Coal	153		*	162	
Sandstone & Shale	162		*	374	
Coal	374		*	378	
Sandstone & Shale	378		*	444	
Coal	444		*	446	
Sandstone & Shale	446		*	644	
Coal	644		*	646	
Sandstone & Shale	646		*	868	
Coal	868		*	871	
Sandstone & Shale	871		*	999	
Coal	999		*	1,003	
Sandstone & Shale	1,003		*	2,022	
Little Lime	2,022		*	2,052	
Big Lime	2,052		*	2,152	
Big Injun	2,152		*	2,252	
Sandstone & Shale	2,252		*	2,620	
Berea Sandstone	2,620		*	2,650	
Shale	2,650		*	2,865	
Gordon	2,865		*	2,915	
Undiff Devonian Shale	2,915		*	5,682	5,705
Rhinestreet	5,682	5,705	~	6,108	6,169
Cashaqua	6,108	6,169	~	6,356	6,569
Middlesex	6,356	6,569	~	6,382	6,623
West River	6,382	6,623	~	6,445	6,772
Geneseo	6,445	6,772	~	6,460	6,811
Tully Limestone	6,460	6,811	~	6,505	6,967
Hamilton Shale	6,505	6,967	~	6,554	7,170
Marcellus	6,554	7,170	~	6,710	12,098
TD				6,710	12,098

FW @ 106'

SW @ 1,678'

* From Pilot Hole Log and Driller's Log

~ From MWD Gamma Log

06/02/2017