

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

API 47 - 103 - 03012 County Wetzel District Proctor
Quad New Martinsville Pad Name Erlewine Field/Pool Name Mary
Farm name Erlewine, Richard 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 4,392,647 Easting 517,389
Landing Point of Curve Northing 4,392,464 Easting 517,021
Bottom Hole Northing 4,390,794 Easting 517,423

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 8/22/2014 Date drilling commenced 8/29/2014 Date drilling ceased 2/3/2015
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 105 Open mine(s) (Y/N) depths _____
Salt water depth(s) ft 1,668 Void(s) encountered (Y/N) depths _____
Coal depth(s) ft 374, 444 and 644 Cavern(s) encountered (Y/N) depths _____
Is coal being mined in area (Y/N) N

APPROVED

NAME: Sam M. [Signature]
DATE: 5-25-17

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Office of Oil and Gas

MAR 13 2017

WV Department of
Environmental Protection

Reviewed by
[Signature]

06/02/2017

Erlewine #2H
API 47-103-03012
Stone Energy Corporation

	Horizontal				
	Top (ft TVD)	Top (ft MD)			
Sandstone & Shale	Surface		*	374	
Coal	374		*	378	
Sandstone & Shale	378		*	444	
Coal	444			446	
Sandstone & Shale	446			644	
Coal	644			646	
Sandstone & Shale	646			2,014	
Little Lime	2,014		*	2,044	
Big Lime	2,044		*	2,144	
Big Injun	2,144		*	2,244	
Sandstone & Shale	2,244		*	2,612	
Berea Sandstone	2,612		*	2,642	
Shale	2,642		*	2,857	
Gordon	2,857		*	2,907	
Undiff Devonian Shale	2,907		*	5,571	5,603
Rhinestreet	5,571	5,603	~	6,177	6,247
Cashaqua	6,177	6,247	~	6,346	6,850
Middlesex	6,346	6,850	~	6,362	6,896
West River	6,362	6,896	~	6,429	7,051
Geneseo	6,429	7,051	~	6,433	7,093
Tully Limestone	6,433	7,093	~	6,476	7,223
Hamilton Shale	6,476	7,223	~	6,520	7,412
Marcellus	6,520	7,412	~	6,655	12,510
TD				6,655	12,510

FW @ 105'

SW @ 1,668'

* From Pilot Hole Log and Driller's Log
~ From MWD Gamma Log