

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

API 47-103-02946 County Wetzel District Green
Quad Porters Falls Pad Name Conley Field/Pool Name Mary
Farm name Conley, Ronald Gene Well Number #3H
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 4,384,114 Easting 518,138
Landing Point of Curve Northing TBD - Only Top Hole Drilled Easting TBD - Only Top Hole Drilled
Bottom Hole Northing TBD - Only Top Hole Drilled Easting TBD - Only Top Hole Drilled

Elevation (ft) 855 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)
Air Drilling additives: air, fresh water, soda ash, KCl, clay guard, PAC, foamer, corrosion inhibitor

Date permit issued 1/16/2014 Date drilling commenced 9/13/2014 Date drilling ceased 9/19/2014
Date completion activities began Not yet completed Date completion activities ceased _____
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 _____
Salt water depth(s) ft None Reported Void(s) encountered (Y/N) depths _____
Coal depth(s) ft 525 Cavern(s) encountered (Y/N) depths _____
Is coal being mined in area (Y/N) N

APPROVED

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

RECEIVED
Office of Oil and Gas
MAR 13 2017
Reviewed by: [Signature]
WV Department of Environmental Protection

06/02/2017

API 47-103 - 02946

Farm name Conley, Ronald Gene

Well number #3H

CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade w/ft	Basket Depth(s)	Did cement circulate (Y/ N) * Provide details below*
Conductor	24"	20"	88' KB / 80' GL	New	LS - 94 ppf		N - GTS
Surface	17.5"	13.375"	855' KB / 845' GL	New	J55 - 54.5 ppf	100' & 200'	Y - CTS
Coal	17.5"	13.375"	855' KB / 845' GL	New	J55 - 54.5 ppf	100' & 200'	Y - CTS
Intermediate 1	12.25"	9.625"	2171' KB / 2161' GL	New	J55 - 36 ppf		Y - CTS
Intermediate 2							
Intermediate 3							
Production							
Tubing							
Packer type and depth set							

Comment Details Circulated 35 bbls cement to surface on the 13.375" casing string. Circulated 17 bbls cement to surface on the 9.625" casing string.

CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft ³ /sks)	Volume (ft ³)	Cement Top (MD)	WOC (hrs)
Conductor	Type 1	34	15.6	1.18	40	Surface	24+
Surface	Class A	675	15.6	1.21	816	Surface	8
Coal	Class A	675	15.6	1.21	816	Surface	8
Intermediate 1	Class A	745	15.6	1.21	901	Surface	8
Intermediate 2							
Intermediate 3							
Production							
Tubing							

Drillers TD (ft) 5542' MD / 5529' TVD

Loggers TD (ft) N/A

Deepest formation penetrated Devonian Shale

Plug back to (ft)

Plug back procedure

Kick off depth (ft) TBD - only top hole drilled

Check all wireline logs run caliper density deviated/directional induction
 neutron resistivity gamma ray temperature sonic

Well cored Yes No Conventional Sidewall Were cuttings collected Yes No

DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING Surface casing has bow spring centralizers placed on

joints 2, 6, 10, 14, 18 and 20. Intermediate casing has bow spring centralizers placed on joints 4, 8, 12, 16, 20, 24, 28 and 32.

WAS WELL COMPLETED AS SHOT HOLE Yes No DETAILS

WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS

WERE TRACERS USED Yes No TYPE OF TRACER(S) USED

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PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)

Please insert additional pages as applicable.

STIMULATION INFORMATION PER STAGE

Complete a separate record for each stimulation stage.

Stage No.	Stimulations Date	Ave Pump Rate (BPM)	Ave Treatment Pressure (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Amount of Proppant (lbs)	Amount of Water (bbls)	Amount of Nitrogen/other (units)

Please insert additional pages as applicable.

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<u>PRODUCING FORMATION(S)</u>	<u>DEPTHS</u>
Not yet completed	TVD MD
Not yet producing	

Please insert additional pages as applicable.

GAS TEST Build up Drawdown Open Flow OIL TEST Flow Pump

SHUT-IN PRESSURE Surface _____ psi Bottom Hole _____ psi DURATION OF TEST _____ hrs

OPEN FLOW Gas _____ mcfpd Oil _____ bpd NGL _____ bpd Water _____ bpd GAS MEASURED BY Estimated Orifice Pilot

LITHOLOGY/ FORMATION	TOP DEPTH IN FT NAME TVD	BOTTOM DEPTH IN FT TVD	TOP DEPTH IN FT MD	BOTTOM DEPTH IN FT MD	DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H ₂ S, ETC)
Sandstone & Shale	0	525	0	525	Fresh water @ 100'
Coal	525	530	525	530	
Sandstone & Shale	530	1634	530	1634	No salt water reported
Little Lime	1634	1677	1634	1677	
Sandstone & Shale	1677	1740	1677	1740	
Big Lime	1740	1934	1740	1934	
Big Injun	1934	1988	1934	1988	
Sandstone & Shale	1988	2343	1988	2343	
Berea Sandstone	2343	2357	2343	2357	
Shale	2357	2590	2357	2590	
Gordon	2590	2640	2590	2640	
Shale	2640	3095	2640	3095	
Undiff Devonian Shale	3095	5529	3095	5542	

Please insert additional pages as applicable.


Drilling Contractor Highlands (top hole)
Address 900 Virginia Street - East City Charleston State WV Zip 25301

Logging Company Scientific Drilling (top hole)
Address 124 Vista Drive City Charleroi State PA Zip 15022

Cementing Company Halliburton (top hole)
Address 121 Champion Way City Canonsburg State PA Zip 15317

Stimulating Company _____
Address _____ City _____ State _____ Zip _____

Please insert additional pages as applicable.

Completed by Greg Zofchak Telephone 304-225-1600
Signature  Title Drilling Engineer Date 2/28/2017

Submission of Hydraulic Fracturing Chemical Disclosure Information Attach copy of FRACFOCUS Registry

06/02/2017