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

API 47 - 097 - 03855 County Upshur District Washington
Quad Buckhannon 7.5' Pad Name Roessing #3 Field/Pool Name N/A
Farm name George Henry Roessing, Jr. Well Number #3 WV0459
Operator (as registered with the OOG) Mountain V Oil & Gas, Inc.
Address PO Box 470 City Bridgeport State WV Zip 26330

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing 4,309,892.2 Easting 568,703.2
Landing Point of Curve Northing N/A Easting N/A
Bottom Hole Northing N/A Easting N/A

Elevation (ft) 1,663' 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)
N/A

Date permit issued 6/19/2013 Date drilling commenced 8/5/2013 Date drilling ceased 8/14/2013
Date completion activities began 10/2/2013 Date completion activities ceased 10/2/2013
Verbal plugging (Y/N) N/A Date permission granted N/A Granted by N/A

Please note: Operator is required to submit a plugging application within 5 days of verbal permission to plug

Freshwater depth(s) ft 36', 352' Open mine(s) (Y/N) depths N
Salt water depth(s) ft N/A Void(s) encountered (Y/N) depths N/A
Coal depth(s) ft 298', 385', 497' Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N

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Reviewed by: _____

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CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade wt/ft	Basket Depth(s)	Did cement circulate (Y/N) * Provide details below*
Conductor		13 3/8"	42'	New			N/A
Surface	12 1/4"	9 5/8"	548'	New	J 22 lb/ft		Yes 200 SKS
Coal							
Intermediate 1	8 1/4"	7"	1789'	New	J 17 lb/ft		Yes 271 SKS
Intermediate 2							
Intermediate 3							
Production	6 1/4"	4 1/2"	7298'	New	N 11.6 lb/ft		150 SKS
Tubing							
Packer type and depth set							

Comment Details _____

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							
Surface	A	200	15.6	1.18	236	Surf	12
Coal							
Intermediate 1	A	271	14.8	1.4	379.4	Surf	12
Intermediate 2							
Intermediate 3							
Production	50/50 POZ	150	14.1	1.29	193.5	6000	168
Tubing							

Drillers TD (ft) 7301' Loggers TD (ft) 7328'
 Deepest formation penetrated Chert Plug back to (ft) _____
 Plug back procedure _____

Kick off depth (ft) N/A

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 N/A

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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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)
Shale/Sand			0	1100	
Shale			1100	1174	
Sand			1174	1228	
Lime			1228	1382	
Big Lime			1382	1460	
Injun			1460	1515	
Squaw			1515	1590	
Shaley Sand			1590	1926	
Gordon			1926	2008	
Shale			2008	2046	
4 th Sand			2046	2052	
Shale			2052	2098	
5 th Sand			2098	2114	
Shale			2114	3449	
Riley			3449	3513	
Shale			3513	3798	
Benson			3798	3842	
Shale			3842	3901	
Shale/Sand			3901	6944	
Geneseo			6944	6984	
Tully			6984	7028	
Hamilton Shale			7028	7108	
Upper Marcellus			7108	7148	
Purcell			7148	7152	
Lower Marcellus			7152	7222	
Onondaga			7232	7240	
Chert			7240	7328	
TD				7328	

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03/07/2014