

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

API 47-99-02272 County Wayne District Butler
Quad Prichard Pad Name N/A Field/Pool Name N/A
Farm name Billy G. Stewart Well Number Musick #6
Operator (as registered with the OOG) Teddy Adkins
Address 14485 S. Calhoun Hwy City Arnoldsburg State WV Zip 25234

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

Elevation (ft) 935 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 8/29/2013 Date drilling commenced 10/23/2013 Date drilling ceased 10/29/2013
Date completion activities began 11/3/2013 Date completion activities ceased 11/7/13
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 none Open mine(s) (Y/N) depths none
Salt water depth(s) ft 1170' Void(s) encountered (Y/N) none
Coal depth(s) ft none Cavern(s) encountered (Y/N) depths none
Is coal being mined in area (Y/N) no

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[Signature]
12-23-2015

API 47-99 - 02272 Farm name Billy G. Stewart Well number Musick #6

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							
Surface	10-3/4"	9-5/8"	350'	new	H	120'	yes
Coal							
Intermediate 1	9"	7"	1440'	used	K	81'	yes
Intermediate 2							
Intermediate 3							
Production	6-1/2"	4-1/2"	2315'	new	J	122'	no
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	Type 1	122		1.18		surface	15
Coal							
Intermediate 1	Type 1	195		1.18		surface	36
Intermediate 2							
Intermediate 3							
Production	Type 1	100		1.28		1201'	60
Tubing							

Drillers TD (ft) 2340' Loggers TD (ft) 2320'
 Deepest formation penetrated Berea Sand Plug back to (ft) _____
 Plug back procedure _____

Kick off depth (ft) none

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 _____
9-5/8" - 120'
7" - 81'
4-1/2" - 122'

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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Attachment to WR-35

API # : 47-99-02272

Well Name: Musick #6

Formations Encountered	Top Depth	Bottom Depth
Clay	0	25
Sand	25	70
Slate	70	85
Red Rock	85	95
Slate	95	185
Sand	185	210
Slate	210	290
Sand	290	304
Slate	304	370
Sand	370	425
Slate	425	550
Sand	550	624
Slate	624	725
Sand	725	800
Slate	800	920
Sand	920	1015
Slate	1015	1065
Sand	1065	1120 Water Sand 1085-1140
Slate	1120	1160
Sand	1160	1200
Slate	1200	1240
Sand	1240	1360
Little Lime	1360	1380
Pencil Cave	1380	1382
Big Lime	1382	1575
Injun Sand	1575	1610
Sand	1610	1715
Shale & Shells	1715	1780
Sand	1780	1795
Slate & Shells	1795	2172
Coffee Shale	2172	2180
Berea Sand	2180	2200
Slate & Shells	2200	2320
		2320 TD

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