

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

API 47-99-02273 County Wayne District Butler  
Quad Prichad Pad Name N/A Field/Pool Name N/A  
Farm name Billy G. Stewart Well Number Stewart #7  
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) 944 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 10/7/2013 Date drilling commenced 10/31/2013 Date drilling ceased 11/4/2013  
Date completion activities began 11/4/2013 Date completion activities ceased 12/11/13  
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 \_\_\_\_\_  
Salt water depth(s) ft 1180' Void(s) encountered (Y/N) depths \_\_\_\_\_  
Coal depth(s) ft none Cavern(s) encountered (Y/N) depths \_\_\_\_\_  
Is coal being mined in area (Y/N) no

**RECEIVED**  
**Office of Oil and Gas**  
**DEC 22 2015**  
Reviewed by:  
**WV Department of Environmental Protection**

*[Signature]* **12/25/2015**  
12-23-2015

API 47-99 - 02273 Farm name Billy G. Stewart Well number Stewart #7

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	10-3/8	9-5/8"	315'	new	H	120'	y - to surface
Coal							
Intermediate 1	9"	7"	1396'	used	J 20#	81'	y - to surface
Intermediate 2							
Intermediate 3							
Production	6-1/2"	4-1/2"	2300'	used	N80- 11.6	122"	y - to surface
Tubing							
Packer type and depth set							

Comment Details \_\_\_\_\_

CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft <sup>3</sup> /sks)	Volume (ft <sup>3</sup> )	Cement Top (MD)	WOC (hrs)
Conductor							
Surface	Type 1	110	129.8	1.18		surface	15
Coal							
Intermediate 1	Type 1	225	129.8	1.18		surface	20
Intermediate 2							
Intermediate 3							
Production	Type 1	100		1.28		surface	100+
Tubing							

Drillers TD (ft) 2350' Loggers TD (ft) 2342'

Deepest formation penetrated Berea Sand Plug back to (ft) \_\_\_\_\_

Plug back procedure \_\_\_\_\_

Kick off depth (ft) \_\_\_\_\_

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 \_\_\_\_\_

RECEIVED  
Office of Oil and Gas  
DEC 22 2015  
WV Department of  
Environmental Protection

12/25/2015





Attachment to WR-35

API # : 47-99-02273

Well Name: Stewart #7

Formations Encountered	Top Depth	Bottom Depth
Clay	0	35
Sand	35	80
Slate	80	85
Red Rock	85	105
Slate	105	195
Sand	195	220
Slate	220	300
Sand	300	314
Slate	314	380
Sand	380	435
Slate	435	560
Sand	560	634
Slate	634	735
Sand	735	810
Slate	810	930
Sand	930	1025
Slate	1025	1075
Sand	1075	1130 Water Sand 1075 - 1100'
Slate	1130	1170
Sand	1170	1210
Slate	1210	1250
Sand	1250	1370
Little Lime	1370	1380
Pencil Cave	1380	1382
Big Lime	1382	1575
Injun Sand	1575	1610
Sand	1610	1720
Shale & Shells	1720	1780
Sand	1780	1795
Slate & Shells	1795	2195
Coffee Shale	2195	2200
Berea Sand	2200	2220
Slate & Shells	2220	2240
		2240 TD

12/25/2015