

*Jk*

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

API 47-033-00583 County Harrison District Grant  
Quad Mount Clair 7.5' Pad Name Dominion Transmission Field/Pool Name \_\_\_\_\_  
Farm name Allman Well Number 11410  
Operator (as registered with the OOG) Dominion Transmission Inc.  
Address 445 West Main Street City Clarksburg State WV Zip 26301

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

Elevation (ft) 1108' 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)

Work over, squeeze cement behind pipe and worked over three zones behind pipe.

Date permit issued 09/27/13 Date drilling commenced N/A Date drilling ceased N/A  
Date completion activities began 11/01/13 Date completion activities ceased 11/08/13  
Verbal plugging (Y/N) N Date permission granted 10/10/13 Granted by Sam Ward

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

Freshwater depth(s) ft 90' and 110' Open mine(s) (Y/N) depths \_\_\_\_\_  
Salt water depth(s) ft 1220' Void(s) encountered (Y/N) depths \_\_\_\_\_  
Coal depth(s) ft N/A Cavern(s) encountered (Y/N) depths \_\_\_\_\_  
Is coal being mined in area (Y/N) N

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02/28/2014

WR-35  
Rev. 8/23/13

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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							
Surface							
Coal							
Intermediate 1							
Intermediate 2							
Intermediate 3							
Production							
Tubing							
Packer type and depth set							

Comment Details No pipe set, well already drilled back in 1971.

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							
Coal							
Intermediate 1							
Intermediate 2							
Intermediate 3							
Production	<b>CLASS A</b>	<b>300</b>	<b>15.6</b>	<b>1.18</b>		<b>2300</b>	<b>24 hrs.</b>
Tubing							

Drillers TD (ft) set solid plug at 3420' Loggers TD (ft) \_\_\_\_\_

Deepest formation penetrated 3369 Plug back to (ft) \_\_\_\_\_

Plug back procedure Drilled out solid plug at 3420' opened up all well

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 Perforated New Zones  
PERFS HSC

WAS WELL COMPLETED OPEN HOLE?  Yes  No DETAILS \_\_\_\_\_

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

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<u>PRODUCING FORMATION(S)</u>	<u>DEPTHS</u>		
<u>SPEECHLY</u>	<u>3360</u>	<u>TVD</u>	<u>MD</u>
<u>BAYARD</u>	<u>2150</u>		
<u>5TH SAND</u>	<u>2070</u>		

Please insert additional pages as applicable.

GAS TEST  Build up  Drawdown  Open Flow OIL TEST  Flow  Pump

SHUT-IN PRESSURE Surface 180 psi Bottom Hole 720 psi DURATION OF TEST 72 hrs

OPEN FLOW Gas 353 mcfpd Oil 0 bpd NGL 0 bpd Water 2 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 <sub>2</sub> S, ETC)
	<u>0</u>		<u>0</u>		
					Well was reworked, no log was run on well.

Please insert additional pages as applicable.

Drilling Contractor Waco Oil & Gas  
Address 1595 US Highway 33 E. City Glenville State WV Zip 26351

Logging Company Blue Dot Energy Services  
Address Route 76 E. City Bridgeport State WV Zip 26330

Cementing Company Baker Hughes  
Address 1681 E. Main Street City Bridgeport State WV Zip 26330

Stimulating Company Baker Hughes  
Address 1681 E. Main Street City Bridgeport State WV Zip 26330

Please insert additional pages as applicable.

Completed by JAMES D. BLASINGAME Telephone 304-627-3362  
Signature [Signature] Title DESIGNATED AGENT Date 1/18/14  
DIRECTOR, GAS STORAGE

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

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