

JK

WR-35
Rev. 8/23/13

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

RECEIVED
Office of Oil and Gas

NOV 18 2014

WV Department of
Environmental Protection

API 47-033-00547 County Harrison District Grant
Quad Mount Clare 7.5 Pad Name Dominion Field/Pool Name Lost Creek
Farm name Ann & William S. Davisson Well Number 11299
Operator (as registered with the OOG) Dominion Transmission Inc.
Address P.O. Box 2450 City Clarksburg State WV Zip 26302

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing 39.14407 Easting 80.37289
Landing Point of Curve Northing _____ Easting _____
Bottom Hole Northing _____ Easting _____

Elevation (ft) 1274 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 Rework

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)

Date permit issued 09/27/2013 Date drilling commenced 11/04/2013 Date drilling ceased 08/13/2014

Date completion activities began 08/04/2014 Date completion activities ceased 08/05/2014

Verbal plugging (Y/N) N Date permission granted 08/03/2014 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 N/A Rework Open mine(s) (Y/N) depths N

Salt water depth(s) ft N/A Rework Void(s) encountered (Y/N) depths N

Coal depth(s) ft N/A Rework Cavern(s) encountered (Y/N) depths N

Is coal being mined in area (Y/N) N/A

Reviewed by:

12/05/2014

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

Comment Details No casing set rework well

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							
Coal							
Intermediate 1							
Intermediate 2							
Intermediate 3							
Production	CLASS A	300	15.6	1.23		1500'	8 hours
Tubing							

Drillers TD (ft) 3780

Loggers TD (ft) 3750

Deepest formation penetrated BALLTOWN 3818

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 _____

WAS WELL COMPLETED AS SHOT HOLE

Yes No

DETAILS _____

WAS WELL COMPLETED OPEN HOLE?

Yes No

DETAILS

Perf old 4-1/2" pipe

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)
1	08/05/2014	2790	3702	30	BALLTOWN
2	08/05/2014	2472	2476	20	BAYARD
3	08/05/2014	2406	2410	20	5TH SAND

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)
1	08/05/14	17	1327	2468	1011	16,500	300	N/A
2	08/05/14	17	1790	2900	1421	15,000	265	N/A
3	08/05/14	17	2696	2963	3800	5,200	152	N/A

Please insert additional pages as applicable.

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<u>PRODUCING FORMATION(S)</u>	<u>DEPTHS</u>		
<u>BALLTOWN</u>	<u>3719</u>	TVD	<u>MD</u>
<u>BAYARD</u>	<u>2476</u>		
<u>5TH SAND</u>	<u>2410</u>		

Please insert additional pages as applicable.

GAS TEST Build up Drawdown Open Flow OIL TEST Flow Pump

SHUT-IN PRESSURE Surface 450 psi Bottom Hole 1910 psi DURATION OF TEST 72 hrs

OPEN FLOW Gas Oil NGL Water GAS MEASURED BY
189 mcfpd SHOW bpd 0 bpd 0 bpd Estimated Orifice Pilot

<u>LITHOLOGY/ FORMATION</u>	<u>TOP DEPTH IN FT NAME TVD</u>	<u>BOTTOM DEPTH IN FT TVD</u>	<u>TOP DEPTH IN FT MD</u>	<u>BOTTOM DEPTH IN FT MD</u>	<u>DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H₂S, ETC)</u>
	<u>0</u>		<u>0</u>		
					NO FORMATIONS TESTED
					REWORK WELL ONLY!

Please insert additional pages as applicable.

Drilling Contractor N/A
Address _____ City _____ State _____ Zip _____

Logging Company NABORS
Address 82 OLD ELKINS ROAD City BUCKHANNON State WV Zip 26201

Cementing Company BAKER HUGHES
Address 837 PHILIPPI PIKE City CLARKSBURG State WV Zip 26301

Stimulating Company NABORS
Address 528 INDUSTRIAL PARK ROAD City JANE LEW State WV Zip 26378

Please insert additional pages as applicable.

Completed by JAMES D. Blasingame Telephone 304-627-3367
Signature [Signature] Title DTI, Designated Agent Date 11/17/14
Director, Gas Storage

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

12/05/2014