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**west virginia** department of environmental protection

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Office of Oil and Gas  
601 57th Street SE  
Charleston, WV 25304  
(304) 926-0450  
(304) 926-0452 fax

Earl Ray Tomblin, Governor  
Randy C. Huffman, Cabinet Secretary  
www.dep.wv.gov

August 12, 2014

**WELL WORK PERMIT**

**Re-Work**

This permit, API Well Number: 47-4100181, issued to DOMINION TRANSMISSION INC, is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to all conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas inspector.

Please be advised that form WR-35, Well Operators Report of Well Work is to be submitted to this office within 90 days completion of permitted well work, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

In addition to the applicable requirements of this permit, and the statutes and rules governing oil and gas activity in WV, this permit may contain specific conditions which must be followed. Permit conditions are attached to this cover letter.

Per 35CSR-4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced. If there are any questions, please feel free to contact me at (304) 926-0499 ext. 1654.

James Martin  
Chief

Operator's Well No: 9438  
Farm Name: RIFFEE, J. A.  
**API Well Number: 47-4100181**  
**Permit Type: Re-Work**  
Date Issued: 08/12/2014

Promoting a healthy environment.

08/15/2014

## PERMIT CONDITIONS

West Virginia Code §22-6-11 allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

### CONDITIONS

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1. If the operator encounters an unanticipated void, or an anticipated void at an unanticipated depth, the operator shall notify the inspector within 24 hours. Modifications to the casing program may be necessary to comply with W. Va. Code §22-6-20, which requires drilling to a minimum depth of thirty feet below the bottom of the void, and installing a minimum of twenty (20) feet of casing. Under no circumstance should the operator drill more than fifty (50) feet below the bottom of the void or install less than twenty (20) feet of casing below the bottom of the void.
2. Pursuant to 35 CSR 4-19.1.a, at the request of the surface owner all water wells or springs within 1000 feet of the proposed well that are actually utilized for human consumption, domestic animals or other general use shall be sampled and analyzed.
3. Pursuant to 35 CSR 4-19.1.c, if the operator is unable to sample and analyze any water well or spring with one thousand (1,000) feet of the permitted well location, the Office of Oil and Gas requires the operator to sample, at a minimum, one water well or spring located between one thousand (1,000) feet and two thousand (2,000) feet of the permitted well location.
4. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
5. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.
6. During the surface casing and cementing process, in the event cement does not return to the surface, or any other casing string that is permitted to circulate cement to the surface and does not return to the surface, the oil and gas inspector shall be notified within twenty-four (24) hours
7. Well work activities shall not constitute a hazard to the safety of persons.
8. Operator shall provide the Office of Oil & Gas notification of the date that drilling commenced on this well. Such notice shall be provided by sending an email to [DEPOOGNotify@wv.gov](mailto:DEPOOGNotify@wv.gov) within 30 days of commencement of drilling.

41 00181W

WW - 2B  
(Rev. 8/10)

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS  
WELL WORK PERMIT APPLICATION

1) Well Operator: Dominion Transmission Inc 307048 Lewis Freeman's Creek BIG ISAAC-7  
Operator ID County District Quadrangle

2) Operator's Well Number: AW-9438 3) Elevation: 1191.6

4) Well Type: (a) Oil  or Gas   
(b) If Gas: Production  / Underground Storage   
Deep  / Shallow

5) Proposed Target Formation(s): GANTZ Proposed Target Depth: 2383

6) Proposed Total Depth: 2383 Feet Formation at Proposed Total Depth: GANTZ

7) Approximate fresh water strata depths: NA

8) Approximate salt water depths: NA

9) Approximate coal seam depths: Redstone & Pittsburgh Unknown, Remaining seams un-mineable

10) Approximate void depths,(coal, Karst, other): n/a

11) Does land contain coal seams tributary to active mine? No mining activities within 30 miles.

12) Describe proposed well work and fracturing methods in detail (attach additional sheets if needed)  
(see attached)

13) **CASING AND TUBING PROGRAM**

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft	For Drilling	Left in Well	Fill -up (Cu. Ft.)
Conductor	13-3/8	Unkn	Unknown	328	0	pulled
Fresh Water	10-3/4	J55	40.5	1138	0	pulled
Coal	8-5/8	J55	24	1990	1990	278
Intermediate	7	J55	20	2300	2300	239
Production	4-1/2	J55	11.6	2280	2280	273
Tubing						
Liners						

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Office of Oil and Gas

*B.S.* 4-25-14

JUL 14 2014

Packers: Kind: 4-1/2" Formation Packer Shoe  
Sizes: 4-1/2" x 5-7/8"  
Depths Set 2280' (planned)

WV Department of Environmental Protection  
08/15/2014

**AW-9438 (L/W Well)**  
**API# 47-041-00181**  
**Lease Name: J. A Riffie**  
**FKLC Storage, Lewis County, WV**  
**2014 Rework with 4-1/2" Casing Procedure**

**Purpose:**

Remediate well to eliminate pressure on annulus by squeeze cementing outer strings and installing new 4-1/2" production casing set on packer shoe.

**Well Information:**

13-3/8" Casing set at 328' (pulled)

10-3/4" Casing set at 1139' (pulled)

8-5/8" Casing set at 1990' and cemented with 55sx of cement and 30sx of gel

7" 20# casing set at 2300' and cemented with 25sx of cement and 10sx of gel

Fresh Water at 145' and 206'

Coal at 200'-206'

Baker NI Cast Iron Bridge Plug set at 2260', hole loaded with 9.8ppg treated brine.

Gantz 2323'-2351'

TD: 2383'

**Procedure:**

1. Install E&S controls and construct location and install 6'x 6' steel cellar.
2. Run segmented bond log on 7" casing.
3. MIRU service rig and equipment.
4. Nipple down master valve and DSA and remove casing head from top of 8-5/8" casing.
5. Cut and pull 7" casing.
6. Drive 11-3/4" conductor casing down over 8-5/8" casing to a depth of ~250' (if possible).
7. Weld plate on 11-3/4" x 8-5/8" annulus and install 2" outlets on 11-3/4" casing.
8. Install 11" 2M casing head on 8-5/8" casing. Inspect all welds.
9. Run segmented bond log 8-5/8" casing and determine free point.
10. Nipple up BOP on 11" 2M casing head
11. Perforate and attempt to squeeze 8-5/8" casing using 25% excess cement.
12. Drill out cement and bridge plug from inside 7" stub and clean well out to TD of 2383'
13. Run 4-1/2" 11.6# K55 LT&C casing to 2280' GL with formation packer shoe and 33 centralizers.
14. Cement 4-1/2" casing with 15.6ppg Class A cement (25% excess), WOC for 12 hours.
15. Set slips and install new 11" 2M x 4-1/16" DSA, 4-1/16" 2M MG valve.
16. Run segmented bond log on 4-1/2" casing.
17. Nipple up 7-1/16" BOP and test.
18. TIH with bit and drill out formation packer shoe and plug.
19. Unload wellbore and test well through choke to a flowback tank.
20. RDMO service rig and equipment.

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Office of Oil and Gas

JUL 14 2014

WV Department of  
Environmental Protection

08/15/2014

41 001 81W

Fink Storage  
AW-9438 [I/W]  
Permit #47-041-00181  
Elev = 1192'[GL]

13-3/8" had been set at 328' then pulled  
10-3/4" csg had been set at 1139' then pulled

Fresh Water at 145' and 206'  
Native Coal at 200'-206'

Well Defective: pressure (250-350 psi) found on backside of 7" csg, flowed small amount of oil when vented. Address 7"x 8-5/8" csg annulus prior to running new 4.5" csg.

16' of wood conductor

8 5/8" 24# Csg. set @ 1990' and cemented w/ 55sx + 30sx gel [1950]

N1 drillable bridge plug set at 2260', loaded hole with treated brine. 5/20/2014.

7" 20# Csg set @ 2300' cem w/ 25sx + 10sx gel. [1950]

Gantz  
2323'- 2351'

TD = 2383'

Well Name & Number:	AW-9438		Lease	J. A. Riffie	
County or Parish:	Lewis	State/Prov.	WV	Country:	USA
Perforations: (MD)	Open Hole Completion		(TVD)	2383'	
Angle/Perfs	Angle @KOP and Depth			KOP TVD	
BHP:	BHT:	Completion Fluid:			
FWHP:	FBHP:	FWHT:	FBHT:	Other:	
Date Completed:	09/25/50		RKB		
Prepared By:	Richard Cross, M Goralczyk		Last Revision Date:	05/27/14	

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JUL 14 2014  
WV Department of Environmental Protection

08/15/2014

4100181W

**Fink** **Division:** **WORKING DISTRICT:** **N** **E** **I**  
**S** 22-3 **W**

**WELL No.** AW-9438 **NAME:** Riffie, J. A. **LEASE No.** 53033 **ACRES:** 67.8 **MAP No.**

District:		Formation		Top	Bottom	Gas	Oil	Water	Casing Record						Perforating Data		Wellhead Data						
Township:		Native Coal		200	206			145	Date	Size	Wt.	Grade	Amount	Set At	Cem Result	Cm	Backs	Date	Top	Bottom	Holes	Size	
Freemans Creek		Pittsburgh Coal						206		13 3/8			328										
County: Lewis		Little Dunkard								10 3/4			1139										
State: WV		Big Dunkard		950	996				1950	8.625	24		1990	1990									
Located: W.O.		Gas Sand		1078	1112				1950	7	20	K-55	2300	2300									
Elevation: 1192		First Salt Sand		1260	1299																		
W.H. Latitude: 39.13		Second Salt Sand		1332	1487			Sh 1338															
W.H. Longitude: -80.58472		Third Salt Sand		1525	1667																		
API No. 47-041-00181		Maxon																					
Well Type: I/W		Little Lime		1941	1957				Shoe and Packer Data						Perforating Data		Wellhead Data						
Storage Horizon: Gantz		Big Lime		1981	2041				Date	Size	Type	Set	Pulled	Top	Bottom	Holes	Size						
Contractor: Guy L. Warner		Big Injun Sand		2041	2160	Sh 2100				8 5/8	Shoe	1990	No										
Coal Owners:		Squaw Sand		2162	2224					7	Shoe	2300	No										
Gantz Sand		Gantz "A" Sand		2328	2351	2332-50																	
Fifty Foot Sand		Thirty Foot Sand																					
Gordon Stray Sand		Gordon Sand																					
Fourth Sand		Fifth Sand																					
Bayard Sand		Speechley Sand																					
Balltown Sand		Riley Sand																					
Benson Sand		Oriskany Sand																					
Helderberg Lime		Newberg																					
Pittsburgh Sand		Pencil Cave		537	605																		
1957		1981																					
Total Depth Driller:		Total Depth Logger:																					
Plugged Back To:		Rework Date:																					
Current TD		Deepest TD		Original TD		2383		2383		2383													

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 Office of Oil and Gas  
 WV Department of Environmental Protection

VOLUME and PRESSURE										Shooting Record					
Date	Reading	Liquid	Opening	Minute Rise					Volume	Sand	Date	Qts	Sand	Vol. Before	Vol. After
				1	5	10	30	60							
24-Sep-50	39/10	Mercury	3"	No pick-up taken					2,180,000	Gantz					

**REMARKS**  
7" set in 25 bags cement and 10 bags gel. 8" set in 55 bags cement and 30 bags gel. 16' of wood conductor. Wellhead replaced in 2000.

TREATMENT DATA (SHOT, FRACTURE, ACIDIZE, ETC.)							
Date	Type	BD Pressure	Sand	O.F. Before (MM)	O.F. After (MM)	R.P. Before	R.P. After

# WELL RECORD

Permit No. LEW 131

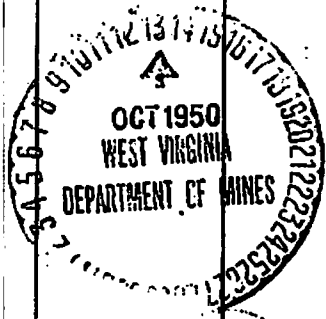
Oil or Gas Well STORAGE GAS  
(KIND)

Company Wopo Natural Gas Company,  
 Address 445 West Main St. Clarksburg, W. Va.  
 Farm J. R. Riffe Acres 67 3/4  
 Location (waters) \_\_\_\_\_  
 Well No. 9438 Elev. 1192  
 District Freemans Creek County Lewis.  
 The surface of tract is owned in fee by \_\_\_\_\_  
 Address \_\_\_\_\_  
 Mineral rights are owned by \_\_\_\_\_  
 Address \_\_\_\_\_  
 Drilling commenced August 12, 1950  
 Drilling completed September 25, 1950.  
 Date Shot not From \_\_\_\_\_ To \_\_\_\_\_  
 With \_\_\_\_\_  
 Open Flow /10ths Water in \_\_\_\_\_ Inch  
/10ths Merc. in \_\_\_\_\_ Inch  
 Volume 2,150,000 Cu. Ft.  
 Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
 Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
 Fresh water 145 206 feet \_\_\_\_\_ feet  
 Salt water none recorded feet \_\_\_\_\_ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
18	328	Pulled	
10	1190	Pulled	Size of
8 1/4	1990	1990	
6 1/2	2300	2300	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

8" set in 55 sks cement 30 sks Gal  
 CASING CEMENTED SIZE No. Ft. Date  
 7" set in 25 sks cement 11 sks Gal.  
 COAL WAS ENCOUNTERED AT 200 FEET 72 INCHES  
 FEET INCHES FEET INCHES  
 FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Surface			0	47			
Red rock			47	81			
Lime			81	130			
Sand			130	178	water 145		
Slate shell			178	200			
Coal			200	206	water 206		2 bbls. per hr.
Slate shell			206	240			
Red rock			240	302			
Slate shell			302	405			
Red rock			405	417			
Slate			417	537			
Sand			537	605			
Slate			605	629			
Lime			629	640			
Slate			640	728			
Red rock			728	754			
Slate			754	766			
Lime			766	820			
Slate shell			820	840			
Lime			840	860			
Red rock			860	889			
Slate			889	930			
Slate shell			930	950			
BIG DUNKARD			950	996			
Slate shell			996	1060			
Lime			1060	1073			
GAS SAND			1073	1112			
Slate			1112	1138			
Lime			1138	1141			
Slate shell			1141	1260			
FIRST SALT			1260	1299			
Slate			1299	1332			
SECOND SALT			1332	1487	show oil	1338	



08/15/2014

SIG LIME  
BIG INJUN  
Slate  
SQUAW  
Slate shell  
GANTZ

1701  
2041  
2160  
2162  
2224  
2328  
2351

2041  
2160  
2162  
2224  
2328  
2351

show gas  
  
  
  
gas

2100  
  
  
  
2332 2350

Total dept

2383

4100181W



WW-2A  
(Rev. 6-07)

1.) Date: 4-30-2014  
2.) Operator's Well Number AW-9438  
State 47- County 041 Permit 00181  
3.) API Well No.:

**STATE OF WEST VIRGINIA**  
**DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS**  
**NOTICE AND APPLICATION FOR A WELL WORK PERMIT**

4) Surface Owner(s) to be served:  
(a) Name M. LYNN & CYNTHIA D. SIMONS  
Address 4009 RIVER VIEW DR.  
BIRMINGHAM, AL 35243  
(b) Name M. LYNN SIMONS SR.  
Address 1806 WEBSTER ROAD  
SUMMERSVILLE, WV 26651-1048  
(c) Name \_\_\_\_\_  
Address \_\_\_\_\_  
6) Inspector BARRY STOLLINGS  
Address 28 CONNIFER DRIVE  
BRIDGEPORT, WV 26330  
Telephone 304-552-4194

5) (a) Coal Operator  
Name \_\_\_\_\_  
Address \_\_\_\_\_  
(b) Coal Owner(s) with Declaration  
Name Western Pocahontas Land Company (All coal except 18" vein above  
Address 1035 3rd Avenue, Suite 300 Sewickley and Pittsburgh  
Huntington, WV 25701-1567  
Name M. Lynn & Cynthia D. Simons (18" vein above Sewickley and  
Address 1806 Webster Road Pittsburgh  
Summersville, WV 26651-1048  
(c) Coal Lessee with Declaration  
Name \_\_\_\_\_  
Address \_\_\_\_\_

**TO THE PERSONS NAMED ABOVE TAKE NOTICE THAT:**

OR Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas

Included is the information required by Chapter 22, Article 6, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22-6 of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through \_\_\_\_\_ on the above named parties by:

- \_\_\_\_\_ Personal Service (Affidavit attached)
- Certified Mail (Postmarked postal receipt attached)
- \_\_\_\_\_ Publication (Notice of Publication attached)

I have read and understand Chapter 22-6 and 35 CSR 4, and I agree to the terms and conditions of any permit issued under this application.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.



Well Operator Dominion Transmission Inc.  
By: James D. Blasingame 6/18/14  
Its: Director of Storage  
Address 445 West Main St  
Clarksburg, WV 26301  
Telephone 304-669-6230

RECEIVED  
Office of Oil and Gas

Kelly D Gillet this 19th day of June, 2014  
My Commission Expires May 6, 2019  
Oil and Gas Privacy Notice  
Notary Public  
JUL 14 2014

WV Department of Environmental Protection

The Office of Oil and Gas processes your personal information, such as name, address and phone number, as a part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use of your personal information, please contact DEP's Chief Privacy Officer at [depprivacyofficer@wv.gov](mailto:depprivacyofficer@wv.gov)

2nd Attempt  
41 00181 W  
check 10  
550 08

WW-2A  
(Rev. 6-07)

1.) Date: 4-30-2014  
2.) Operator's Well Number AW-9438  
State County Permit  
3.) API Well No.: 47- 041 - 00181

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS  
NOTICE AND APPLICATION FOR A WELL WORK PERMIT

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BIRMINGHAM, AL 35243  
(b) Name M. LYNN SIMONS SR.  
Address 1809 WEBSTER ROAD  
SUMMERSVILLE, WV 26651-1048  
(c) Name  
Address  
6) Inspector BARRY STOLLINGS  
Address 28 CONNIFER DRIVE  
BRIDGEPORT WV 26330  
Telephone 304-552-4194  
5) (a) Coal Operator  
Name  
Address  
(b) Coal Owner(s) with Declaration  
Name Western Pocahontas Land Company (All coal except 18" vein above  
Address 1035 3rd Avenue, Suite 300 Sewickley and Pittsburgh)  
Huntington, WV 25701-1557  
Name M. Lynn & Cynthia D. Simons (18" vein above Sewickley and  
Address 1809 Webster Road Pittsburgh)  
Summersville, WV 26651-1048  
(c) Coal Lessee with Declaration  
Name  
Address

TO THE PERSONS NAMED ABOVE TAKE NOTICE THAT:

OR  
Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas

x Included is the information required by Chapter 22, Article 6, Section 8(d) of the Code of West Virginia (see page 2)

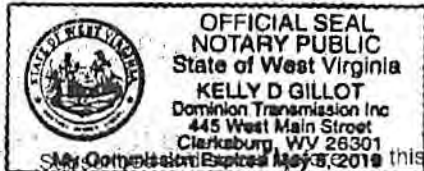
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- Personal Service (Affidavit attached)
- x Certified Mail (Postmarked postal receipt attached)
- Publication (Notice of Publication attached)

I have read and understand Chapter 22-6 and 35 CSR 4, and I agree to the terms and conditions of any permit issued under this application.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete.

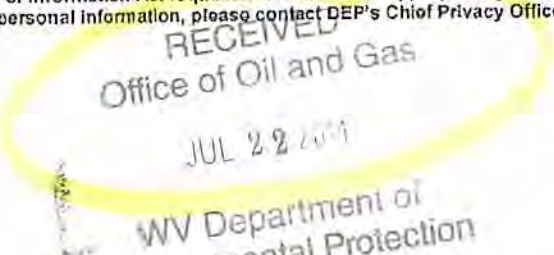
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Well Operator Dominion Transmission Inc.  
By: James D. Blasingame 6/18/14  
Its: Director of Storage  
Address 445 West Main St  
Clarksburg, WV 26301  
Telephone 304-668-6230  
19th day of June 2014

Kelly D Gillet Notary Public  
My Commission Expires May 3, 2019  
Oil and Gas Privacy Notice

The Office of Oil and Gas processes your personal information, such as name, address and phone number, as a part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use of your personal information, please contact DEP's Chief Privacy Officer at [depprivacyofficer@wv.gov](mailto:depprivacyofficer@wv.gov)



08/15/2014

4100181 W

WW-2A Surface Waiver

SURFACE OWNER WAIVER

County Lewis

Operator  
Operator well number

Dominion Transmission Inc.  
AW-9438

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW2-A

The well operator named on page WW2A is applying for a permit from the State to do oil or gas well work. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.

**NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.**

WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:

Chief, Office of Oil and Gas  
Department of Environmental Protection  
601 57<sup>th</sup> St. SE  
Charleston, WV 25304  
(304) 926-0450

**Time Limits and methods for filing comments.** The law requires these materials to be served on or before the date the operator files his Application. You have **FIFTEEN (15) DAYS** after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

**Comments must be in writing.** Your comments must include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

The Chief has the power to deny or condition a well work permit based on comments on the following grounds:

- 1) The proposed well work will constitute a hazard to the safety of persons.
- 2) The soil erosion and sediment control plan is not adequate or effective;
- 3) Damage would occur to publicly owned lands or resources;
- 4) The proposed well work fails to protect fresh water sources or supplies;
- 5) The applicant has committed a substantial violation of a previous permit or a substantial violation of one or more of the rules promulgated under Chapter 22, and has failed to abate or seek review of the violation..."

If you want a copy of the permit as it is issued or a copy of the order denying the permit, you should request a copy from the Chief.

**List of Water Testing Laboratories.** The Office maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Chief to obtain a copy.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice and Application for a Well Work Permit on Form WW2-A, and attachments consisting of pages 1 through \_\_\_ including a work order on Form WW2-B, a survey plat, and a soil and erosion plan, all for proposed well work on my surface land as described therein.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

FOR EXECUTION BY A NATURAL PERSON

FOR EXECUTION BY A CORPORATION, ETC.

Marvin L. Simons, Sr.  
Signature

Date 6-22-14

Company Name  
By  
Its

MARVIN L. SIMONS, SR.  
Print Name

Print Name

**RECEIVED**

JUN 25 2014

**LAND RECORDS**

**RECEIVED**  
Office of Oil and Gas  
Date  
JUL 14 2014

Signature WV Department of Date  
Environmental Protection

08/15/2014

**WW-2A Coal Waiver**

**COAL OPERATOR, OWNER, OR LESSEE WAIVER**

County Lewis  
Operator Dominion Transmission Inc.

Operator's Well Number AW-9438

**INSTRUCTIONS TO COAL OPERATOR, OWNER, OR LESSEE**

To the coal operator, owner, or lessee named on page WW2-A. You are hereby notified that any objection you wish to make or are required to make by WV Code 22-6-15, 16 or 17, must be filed with the Chief of the Office of Oil and Gas within fifteen (15) days after the receipt of this application by the Office. Mail objections to:

Chief, Office of Oil and Gas  
Department of Environmental Protection  
601 57<sup>th</sup> St. SE  
Charleston, WV 25304  
(304) 926-0499 extension 1654

**WAIVER**

The undersigned coal operator \_\_\_\_\_ / owner X / lessee \_\_\_\_\_ / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

FOR EXECUTION BY A NATURAL PERSON

FOR EXECUTION BY A CORPORATION, ETC.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Company Name  
By  
Its  
\_\_\_\_\_  
Date

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

RECEIVED  
Office of Oil and Gas  
JUL 14 2014  
WV Department of  
Environmental Protection

08/15/2014

Dominion Transmission, Inc.  
445 West Main Street, Clarksburg, WV 26301  
Mailing Address: P.O. Box 2450  
Clarksburg, WV 26302-2450



**Dominion**

4100181W

June 19, 2014

**By U.S. Mail, Certified Delivery**

7160 3901 9846 3216 5348

M. Lynn Simons Sr.  
1806 Webster Rd.  
Summersville, WV 26551-1048

**GAS STORAGE WELL #: AW-9438**  
**DOMINION TRANSMISSION, INC.**

**DISTRICT: Freeman's Creek      COUNTY: Lewis      State: WV**

Dear M. Lynn Simons Sr.

On behalf of Dominion Transmission, Inc. (DTI), I wish to advise you that the gas storage well AW-9438 is scheduled to be reworked. Therefore, DTI is hereby making a Notice of Application for a Well Work Permit, to the WV DEP Office of Oil & Gas.

You are on record as the surface owner, on the particular tract of land on which the well is situated. Regulations dictate that DTI provides you with a copy of the permit application. Accordingly, enclosed for your records, please find a copy of the Notice of Application for a Well Work Permit.

Should you have any questions concerning this well work, you may contact our lease and right of way agent, Garry Bourne, at 304.627.3162.

Sincerely,

Matthew E. Goralczyk  
Dominion Transmission, Inc.

1 / 3

RECEIVED  
Office of Oil and Gas

JUL 14 2014

WV Department of  
Environmental Protection

08/15/2014

41 00181W



Dominion Transmission, Inc.  
445 West Main Street, Clarksburg, WV 26301  
Mailing Address: P.O. Box 2450  
Clarksburg, WV 26302-2450

June 19, 2014

**By U.S. Mail, Certified Delivery**  
7160 3901 9846 3216 5256

Simons Living Trust  
c/o M. Lynn & Cynthia D. Simons  
4009 River View Dr.  
Birmingham, AL 35243

**GAS STORAGE WELL #: AW-9438**  
**DOMINION TRANSMISSION, INC.**

**DISTRICT: Freeman's Creek COUNTY: Lewis State: WV**

Dear M. Lynn & Cynthia D. Simons,

On behalf of Dominion Transmission, Inc. (DTI), I wish to advise you that the gas storage well AW-9438 is scheduled to be reworked. Therefore, DTI is hereby making a Notice of Application for a Well Work Permit, to the WV DEP Office of Oil & Gas.

You are on record as the surface & coal owner, on the particular tract of land on which the well is situated. Regulations dictate that DTI provides you with a copy of the permit application. Accordingly, enclosed for your records, please find a copy of the Notice of Application for a Well Work Permit.

Should you have any questions concerning this well work, you may contact our lease and right of way agent, Garry Bourne, at 304.627.3162.

Sincerely,

Matthew E. Goralczyk  
Dominion Transmission, Inc.

3 / 3

RECEIVED  
Office of Oil and Gas  
JUL 14 2014  
WV Department of  
Environmental Protection  
08/15/2014

Dominion Transmission, Inc.  
445 West Main Street, Clarksburg, WV 26301  
Mailing Address: P.O. Box 2450  
Clarksburg, WV 26302-2450



**Dominion**

41001816

June 19, 2014

**By U.S. Mail, Certified Delivery**

7160 3901 9846 3216 5263

Western Pocahontas Land Company  
1035 3rd Avenue, Suite 300  
Huntington, WV 25701-1567

**GAS STORAGE WELL #: AW-9438**

**DOMINION TRANSMISSION, INC.**

**DISTRICT: Freeman's Creek      COUNTY: Lewis      State: WV**

Dear Sir or Madam,

On behalf of Dominion Transmission, Inc. (DTI), I wish to advise you that the gas storage well AW-9438 is scheduled to be reworked. Therefore, DTI is hereby making a Notice of Application for a Well Work Permit, to the WV DEP Office of Oil & Gas.

You are on record as the coal owner, on the particular tract of land on which the well is situated. Regulations dictate that DTI provides you with a copy of the permit application. Accordingly, enclosed for your records, please find a copy of the Notice of Application for a Well Work Permit.

Should you have any questions concerning this well work, you may contact our lease and right of way agent, Garry Bourne, at 304.627.3162.

Sincerely,

Matthew E. Goralczyk  
Dominion Transmission, Inc.

2 / 3

RECEIVED  
Office of Oil and Gas

JUL 14 2014

WV Department of  
Environmental Protection

08/15/2014

4100181W

2 Article Number



7160 3901 9846 3216 5256

3. Service Type **CERTIFIED MAIL**  
4. Restricted Delivery? (Extra Fee)  Yes  
1. Article Addressed to:

COMPLETE THIS SECTION ON DELIVERY	
A. Received by (Please Print Clearly)	B. Date of Delivery 6/23/14
C. Signature X Cynthia Simon	<input type="checkbox"/> Agent <input type="checkbox"/> Addressee
D. Is delivery address different from item 1? If YES, enter delivery address below:	<input type="checkbox"/> Yes <input type="checkbox"/> No

3/3 AW9438

Simons Living Trust  
c/o M. Lynn & Cynthia D. Simons  
4009 River View Dr.  
Birmingham, AL 35243

PS Form 3811, January 2005

Domestic Return Receipt

2 Article Number



7160 3901 9846 3216 5348

3. Service Type **CERTIFIED MAIL**  
4. Restricted Delivery? (Extra Fee)  Yes  
1. Article Addressed to:

COMPLETE THIS SECTION ON DELIVERY	
A. Received by (Please Print Clearly)	B. Date of Delivery 6-21-14
C. Signature X M. Lynn Simons Sr.	<input type="checkbox"/> Agent <input type="checkbox"/> Addressee
D. Is delivery address different from item 1? If YES, enter delivery address below:	<input type="checkbox"/> Yes <input type="checkbox"/> No

1/3 AW9438

M. Lynn Simons Sr.  
1806 Webster Rd.  
Summersville, WV 26551-1048

PS Form 3811, January 2005

Domestic Return Receipt

7160 3901 9846 3216 5263

<b>US Postal Service</b> <b>Certified Mail Receipt</b> Domestic Mail Only No Insurance Coverage Provided	Postage	\$
	Certified Fee	
	Return Receipt Fee <small>(Endorsement Required)</small>	
	Restricted Delivery Fee <small>(Endorsement Required)</small>	
	<b>Total Postage &amp; Fees</b>	\$



Sent To:

Western Pocahontas Land Company  
1035 3<sup>rd</sup> Avenue, Suite 300  
Huntington, WV 25701-1567

2/3 AW9438

08/15/2014



**INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE  
Chapter 22, Article 6, Section 8(d)  
IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)**

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that –

- (1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page
See Attached			

**Acknowledgement of Possible Permitting/Approval  
In Addition to the Office of Oil and Gas**

The permit applicant for the proposed well work addressed in this application hereby acknowledges the possibility of the need for permits and/or approvals from local, state, or federal entities in addition to the DEP, Office of Oil and Gas, including but not limited to the following:

- WV Division of Water and Waste Management
- WV Division of Natural Resources
- WV Division of Highways
- U.S. Army Corps of Engineers
- U.S. Fish and Wildlife Service
- County Floodplain Coordinator

The applicant further acknowledges that any Office of Oil and Gas permit in no way overrides, replaces, or nullifies the need for other permits/approvals that may be necessary and further affirms that all needed permits/approvals should be acquired from the appropriate authority before the affected activity is initiated.

Well Operator:  
By: Its:

DOMINION TRANSMISSION, INC.  
JAMES D. BLASINGAME *James D. Blasingame* 8/12/14  
 DIRECTOR OF STORAGE

**EXISTING WELL #AW-9438**

**WW-2A1**

**ATTACHMENT**

**LEASE SUMMARY**

AW9438

LEASE FK053033:

ORIGINAL LESSOR: J.A. AND DORIS RIFFEE; PAULINE RIFFEE FURBEE, WIFE OF W.E. FURBEE; PAULINE RIFFEE FURBEE, GDN. (OF MADELINE; WILLA GENE; AND ANNABELLE RIFFEE)

ORIGINAL LESSEE: RESERVE GAS COMPANY

RESERVE GAS COMPANY TO HOPE NATURAL GAS COMPANY BY AGREEMENT DATED 12-30-39

(MERGER) ON 04-01-65 HOPE NATURAL GAS COMPANY AND NEW YORK STATE NATURAL GAS CORPORATION MERGED AND FORMED CONSOLIDATED GAS SUPPLY CORPORATION.

CONSOLIDATED GAS SUPPLY CORPORATION TO CONSOLIDATED GAS TRANSMISSION CORPORATION BY AGREEMENT DATED 03-01-84, EFFECTIVE 01-01-84. REC. B. 425 P. 127.

BY CORPORATE NAME CHANGE EFFECTIVE 01-01-88 CONSOLIDATED GAS TRANSMISSION CORPORATION IS NOW CNG TRANSMISSION CORPORATION.

AS A RESULT OF A MERGER, CNG TRANSMISSION CORPORATION BECAME DOMINION TRANSMISSION INC., EFFECTIVE 4/11/2000. AMENDED CERTIFICATE OF AUTHORITY WITH THE STATE OF WV DATED 5/10/2000, FILED IN HARRISON COUNTY, DEED BOOK 58, P 362.

ROYALTY INTEREST IS 12.5%

DOMINION TRANSMISSION , INC OWNS 87.5% WORKING INTEREST

RECEIVED RECEIVED  
Office of Oil and Gas Office of Oil and Gas  
DOMINION TRANSMISSION, INC. and Gas  
445 W. MAIN ST. 4 2014  
CLARKSBURG, WV 26301 - 4 2014  
304-669-6230  
WV Department of Environmental Protection  
Department of Environmental Protection

4100181W

WW-9  
(5/13)

Page \_\_\_\_\_ of \_\_\_\_\_  
API Number 47-041 - 00181  
Operator's Well No. AW-9438

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
OFFICE OF OIL AND GAS

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name Dominion Transmission Inc OP Code 307048

Watershed (HUC 10) Right Fork Freemans Creek Quadrangle BIG ISAAC - SECTION 7

Elevation 1191.6 County Lewis District Freeman's Creek

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes \_\_\_\_\_ No X

Will a pit be used for drill cuttings? Yes \_\_\_\_\_ No X

If so, please describe anticipated pit waste: N/A

NO PIT

Will a synthetic liner be used in the pit? Yes N/A No N/A If so, what ml.? N/A

WELL EFFLUENT

Proposed Disposal Method For Treated Pit Wastes:

MUST BE CONTAINED.

- Land Application
- Underground Injection ( UIC Permit Number \_\_\_\_\_ )
- Reuse (at API Number \_\_\_\_\_ )
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain Meadowfill Landfill, Bridgeport, WV)

Will closed loop system be used? N/A

Drilling medium anticipated for this well? Air, freshwater, oil based, etc. Freshwater

-If oil based, what type? Synthetic, petroleum, etc. \_\_\_\_\_

Additives to be used in drilling medium? Potassium Chloride and Gel

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. N/A

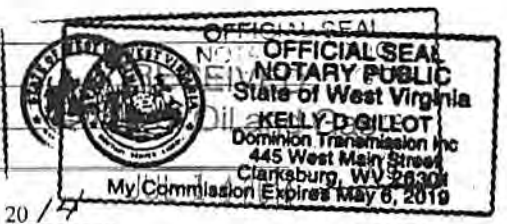
-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust) N/A

-Landfill or offsite name/permit number? N/A

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on August 1, 2005, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment.

Company Official Signature James D. Blasingame 6/18/14  
Company Official (Typed Name) James D. Blasingame  
Company Official Title Director of Storage



Subscribed and sworn before me this 19th day of June, 2014

Kelly D. Gileot

Notary Public WV Department of Environmental Protection

My commission expires May 6, 2019

08/15/2014

4100181W

Form WW-9

Operator's Well No. AW-9438

Proposed Revegetation Treatment: Acres Disturbed 1.1 Acres Prevegetation pH \_\_\_\_\_

Lime 3 Tons/acre or to correct to pH 6.5

Fertilizer (10-20-20 or equivalent) 500 lbs/acre (500 lbs minimum)

Mulch Hay or Straw Tons/acre

Seed Mixtures

Area I			Area II		
Seed Type	lbs/acre		Seed Type	lbs/acre	
Timothy	3		Timothy	3	
Orchard Grass	12		Orchard Grass	12	
White Clover	4		White Clover	4	

Attach:  
Drawing(s) of road, location, pit and proposed area for land application.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: Barry Stollings

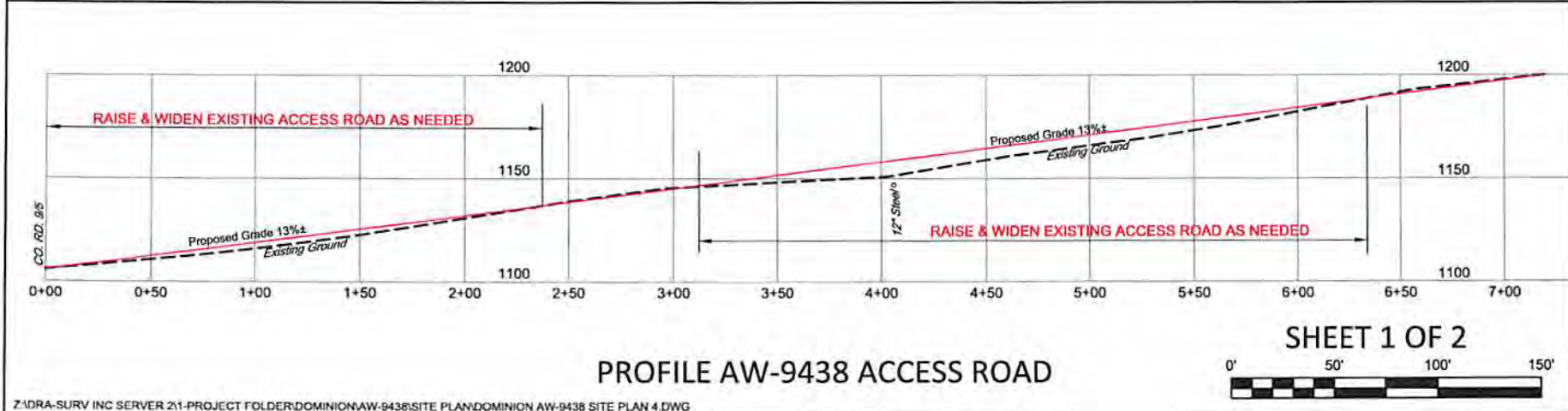
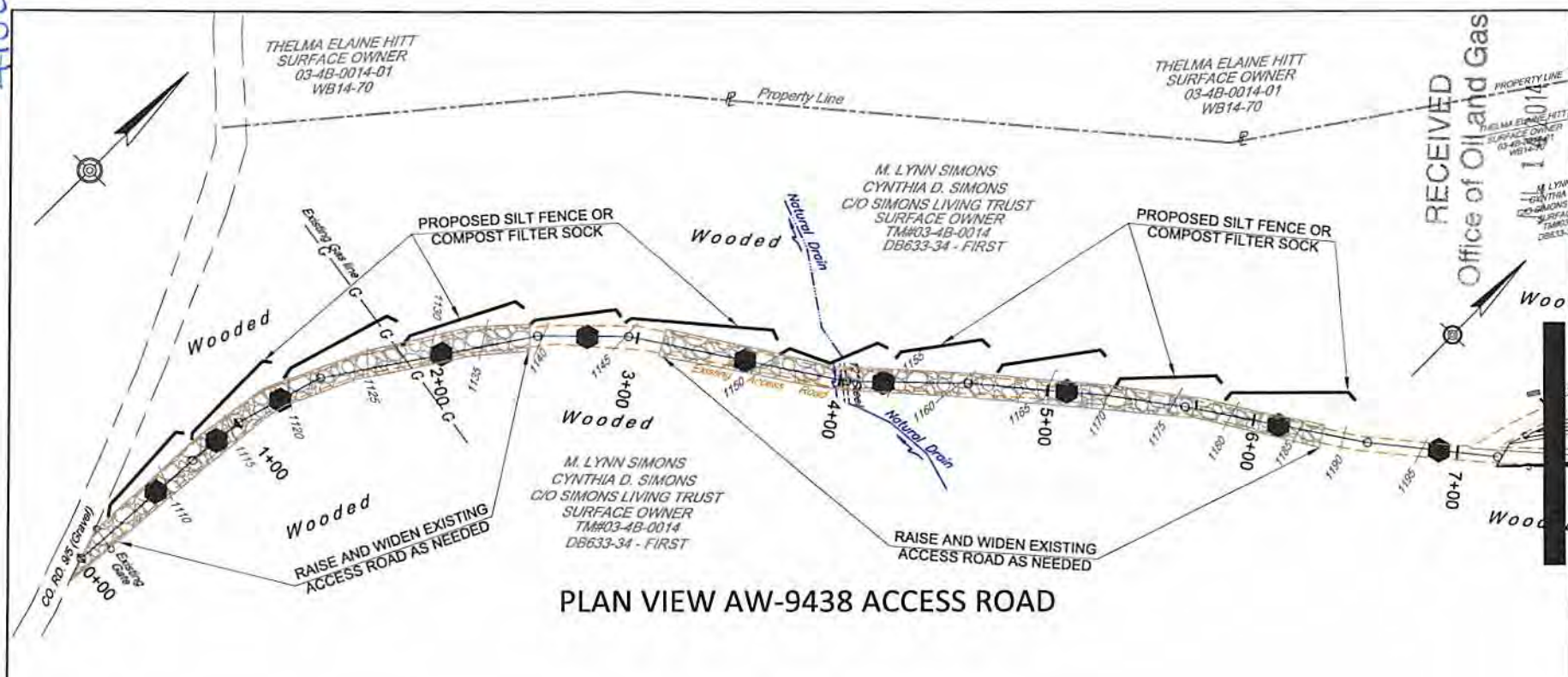
Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Title: inspector Date: 6-25-14

Field Reviewed?  Yes  No

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JUL 14 2014  
WV Department of  
Environmental Protection  
08/15/2014

4100181W



PROFILE AW-9438 ACCESS ROAD

SHEET 1 OF 2



Z:\DRA-SURV INC SERVER 2\1-PROJECT FOLDER\DOMINION\AW-9438\SITE PLAN\DOMINION AW-9438 SITE PLAN 4.DWG

WV Department of Environment & Natural Resources

RECEIVED  
Office of Oil and Gas

EnviroDRA SURV INC

THELMA ELAINE HITT  
SURFACE OWNER  
03-4B-0014-01  
WB14-70

M. LYNN SIMONS  
CYNTHIA D. SIMONS  
C/O SIMONS LIVING TRUST  
SURFACE OWNER  
TM#03-4B-0014  
DB633-34 - FIRST

PROPERTY LINE  
THELMA ELAINE HITT  
SURFACE OWNER  
03-4B-0014-01  
WB14-70

REVISION RECORD

No.	DATE	BY	DESCRIPTION

AW-9438 EROSION CONTROL PLAN  
FREEMANS CREEK RURAL DISTRICT  
LEWIS COUNTY, WEST VIRGINIA

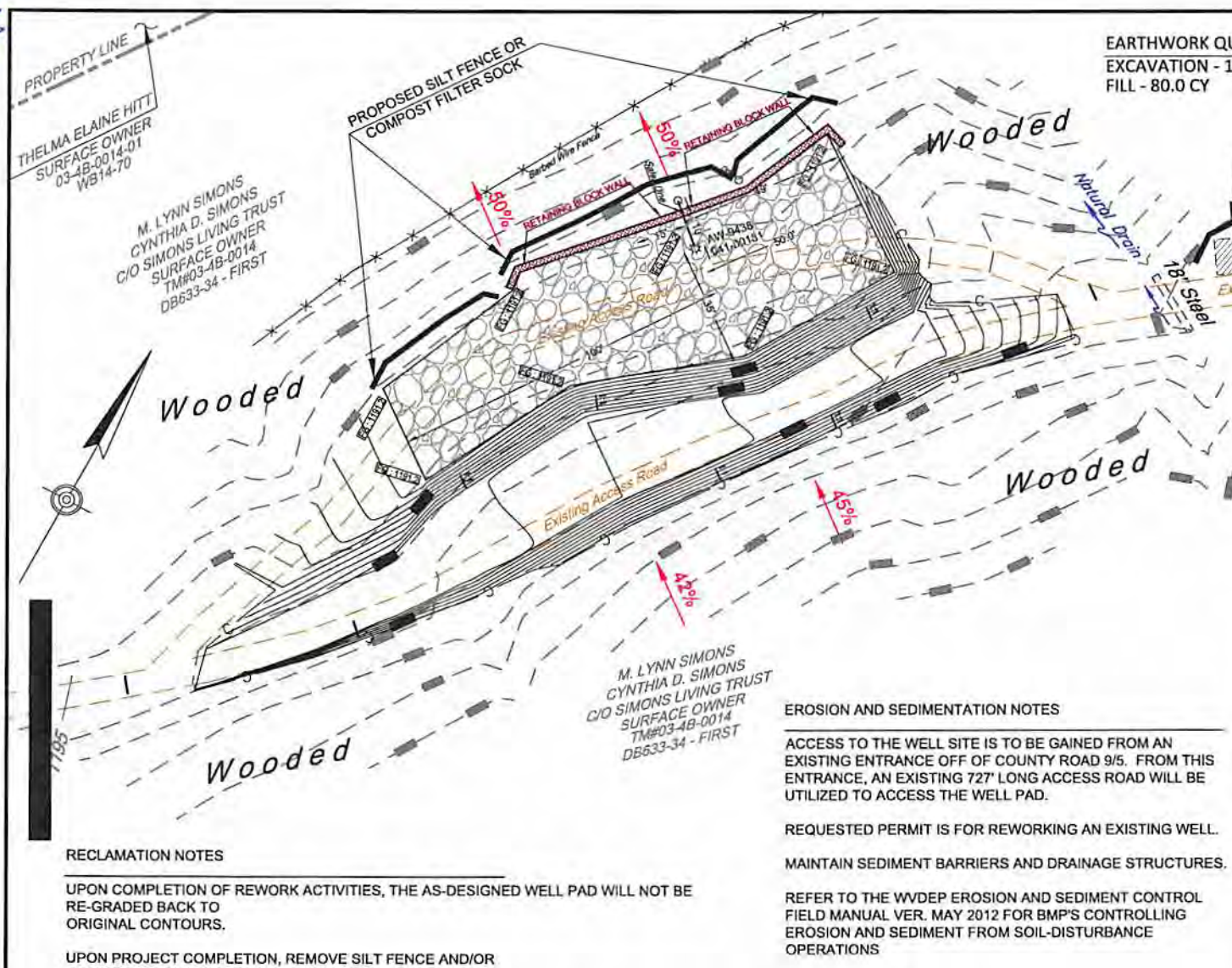
PREPARED FOR:  
DOMINION TRANSMISSION, INC.  
ADDRESS: 445 WEST MAIN STREET  
CHARLESTON, WV 26030  
CONTACT: WATT.GOVALL@DTEK.COM 304.827.3354

PROJECT NUMBER \*\*\*\*\*  
PROJECT DATE: 6-4-2014  
PROJECT SCALE: 1" = 50'  
DRAWN BY: DMJ  
CHECKED BY: JBT

EROSION AND SEDIMENT CONTROL PLAN

ES1

4100181W



EARTHWORK QUANTITIES  
 EXCAVATION - 1,650 CY  
 FILL - 80.0 CY

RECEIVED  
 Office of Oil and Gas  
 JUL 14 2014

WV Department of  
 Environmental Protection

**DRA-SURV INC.**  
 404 WEST GEORGE STREET  
 CARMICHAELS, PA 15805  
 PHONE (724) 843-8555  
 P.O. BOX 402  
 (724) 865-2770

LEGEND

- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPERTY LINE
- FENCE LINE
- SILT FENCE/FILTER SOCK
- FINISH GRADE

ACCESS ROAD EXISTING GRADES		
NO.	DIST.	SLOPE
1	72	10%
2	29	11%
3	45	13%
4	108	16%
5	44	14%
6	108	5%
7	59	17%
8	69	13%
9	38	16%
10	92	19%
11	63	11%
	727	TOTAL

**EROSION AND SEDIMENTATION NOTES**

ACCESS TO THE WELL SITE IS TO BE GAINED FROM AN EXISTING ENTRANCE OFF OF COUNTY ROAD 9/5. FROM THIS ENTRANCE, AN EXISTING 727' LONG ACCESS ROAD WILL BE UTILIZED TO ACCESS THE WELL PAD.

REQUESTED PERMIT IS FOR REWORKING AN EXISTING WELL.

MAINTAIN SEDIMENT BARRIERS AND DRAINAGE STRUCTURES.

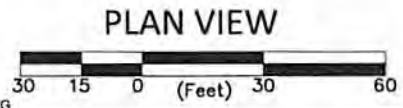
REFER TO THE WVDEP EROSION AND SEDIMENT CONTROL FIELD MANUAL VER. MAY 2012 FOR BMP'S CONTROLLING EROSION AND SEDIMENT FROM SOIL-DISTURBANCE OPERATIONS

**RECLAMATION NOTES**

UPON COMPLETION OF REWORK ACTIVITIES, THE AS-DESIGNED WELL PAD WILL NOT BE RE-GRADED BACK TO ORIGINAL CONTOURS.

UPON PROJECT COMPLETION, REMOVE SILT FENCE AND/OR SCATTER/REMOVE COMPOST FILTER SOCK.

ALL DISTURBED AREAS WILL BE RE-VEGETATED AS OUTLINED ON FORM WW-9.



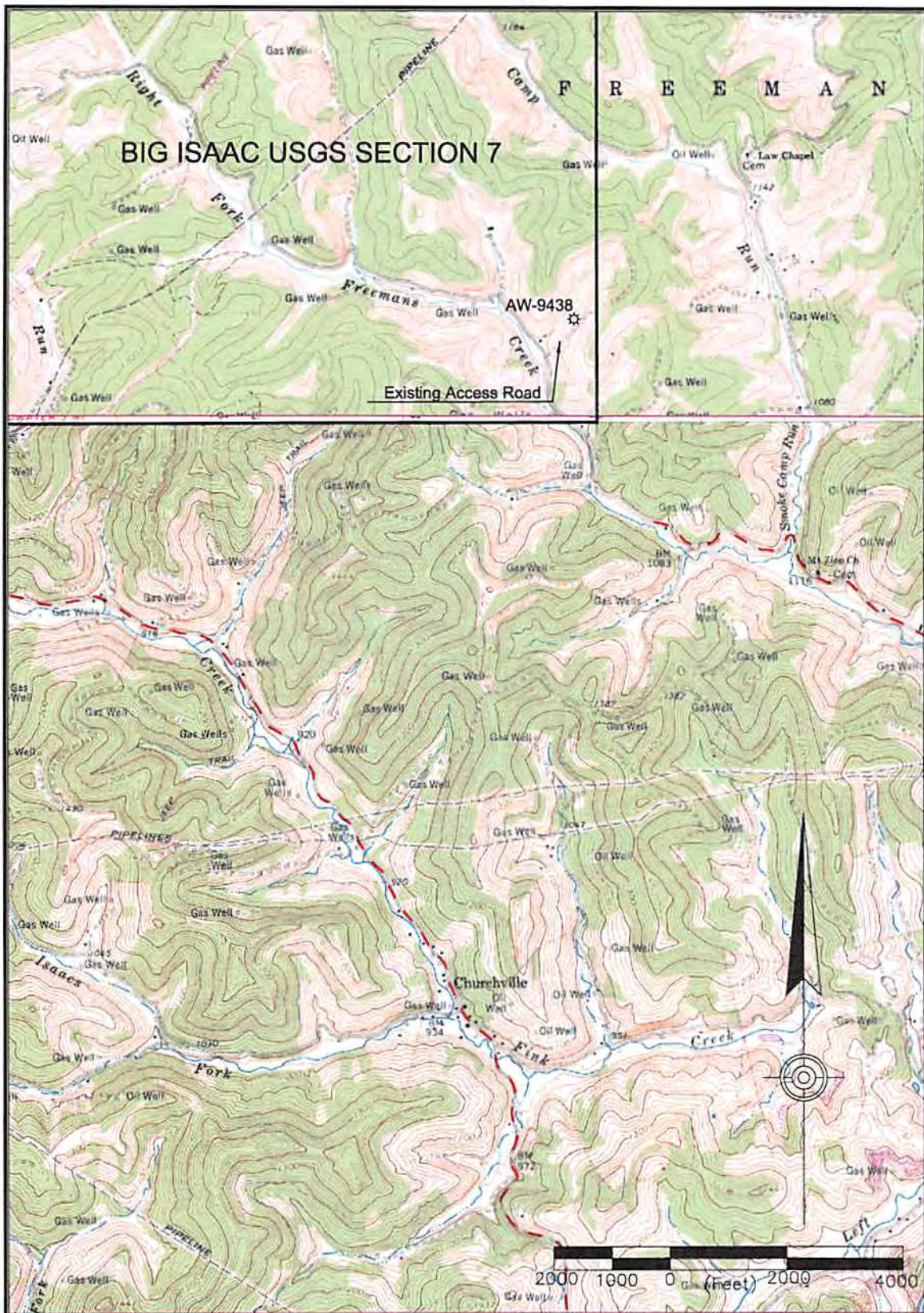
**SHEET 2 OF 2**

AW-9438 EROSION CONTROL PLAN  
 FREEMANS CREEK RURAL DISTRICT  
 LEWIS COUNTY, WEST VIRGINIA

EROSION AND SEDIMENT CONTROL PLAN

PROJECT NUMBER: \*\*\*\*\*  
 PROJECT DATE: 4-13-2014  
 PROJECT SCALE: 1" = 30'  
 DRAWN BY: DMJ  
 CHECKED BY: JEF

ES-2



### LOCATION MAP

OPERATOR: DOMINION TRANSMISSION, INC.  
 API# 47-0041-00181  
 PROJECT NAME: AW-9438  
 FREEMANS CREEK RURAL DISTRICT  
 COUNTY: LEWIS  
 STATE: WEST VIRGINIA  
 QUADRANGLE NAME: BIG ISAAC - SECTION 7  
 DATE: APRIL 2, 2014

**DRA-SURV INC.**  
 SURVEYING & ENGINEERING  
 PHONE: (724) 966-2483 FAX: (724) 966-2770

P.O. BOX 402  
 405A WEST GEORGE STREET  
 CARMICHAELS, PA 15320

RECEIVED

Office of Oil and Gas

Department of Environmental Protection

06/15/2014

4100181W

WW-2B1  
(5-12)

Well No. AW-9438

West Virginia Department of Environmental Protection  
Office of Oil and Gas

NOTICE TO SURFACE OWNERS

The well operator named below is preparing to file for a permit from the state to drill a new well. Before a well work permit can be filed with the Chief of the Office of Oil and Gas, the well operator is required to have given notice of the right to request water well or spring analytical testing. This notice shall be given to the owners or occupants of land which have a water well or spring being utilized for human consumption, domestic animals, or other general use and which is located within 1000 feet of the proposed well site.

With this form, the operator is giving you notice of your right to request analytical testing. The operator is required to sample and analyze the water wells or springs of all owners or occupants who request it. Therefore, if you wish to have your water well or spring tested, contact the operator named below.

All sampling shall be completed prior to drilling. Within thirty (30) days of the receipt of such sample analyses the operator shall submit the results to the Chief of the Office of Oil and Gas and to the owners or occupants who may have requested them.

Be advised, you have the right to sample and analyze any water supply at your own expense.

Listed below is the laboratory chosen by operator to perform analysis, and contactor chosen to collect sample.

Certified Laboratory Name INDUSTRIAL LAB ANALYSIS, INC  
Sampling Contractor DRA-SURV, INC - 724-966-2483

Well Operator Dominion Transmission Inc.  
Address 445 West Main St  
Clarksburg, WV 26301  
Telephone 304-669-6230

FOR OPERATOR'S USE ONLY: Below, or on an attached page, list those persons which were given this notice. Place an asterisk beside the one(s) that contacted you and requested sampling and analyses. If there were no requests made, indicate by underling which one you have selected to sample and analyze. If there are no water wells or springs within 1000 feet of the proposed site, the Chief may require the operator to test wells up to 2000 feet from the proposed site.

RECEIVED  
Office of Oil and Gas

JUL 14 2014

WV Department of  
Environmental Protection

08/15/2014



EXISTING WELL #AW-9438

WW-2B1

ATTACHMENT

WATER NOTIFICATION SUMMARY

- 1) Jacob M. & Laura K. Johnson - 4852 Rt. Freemans Creek Rd., Weston, WV 26452-7992
- 2) M. Lynn Simons, Sr. - 1806 Webster Rd., Summersville WV 26651-1048
- 3) Thelma Elaine Hitt - 4674 Right Freemans Creek Rd., Weston, WV 26452-7927
- \* 4) James J. Hitt - 3211 Jesse Run Rd., Jane Lew, WV 26378-8398

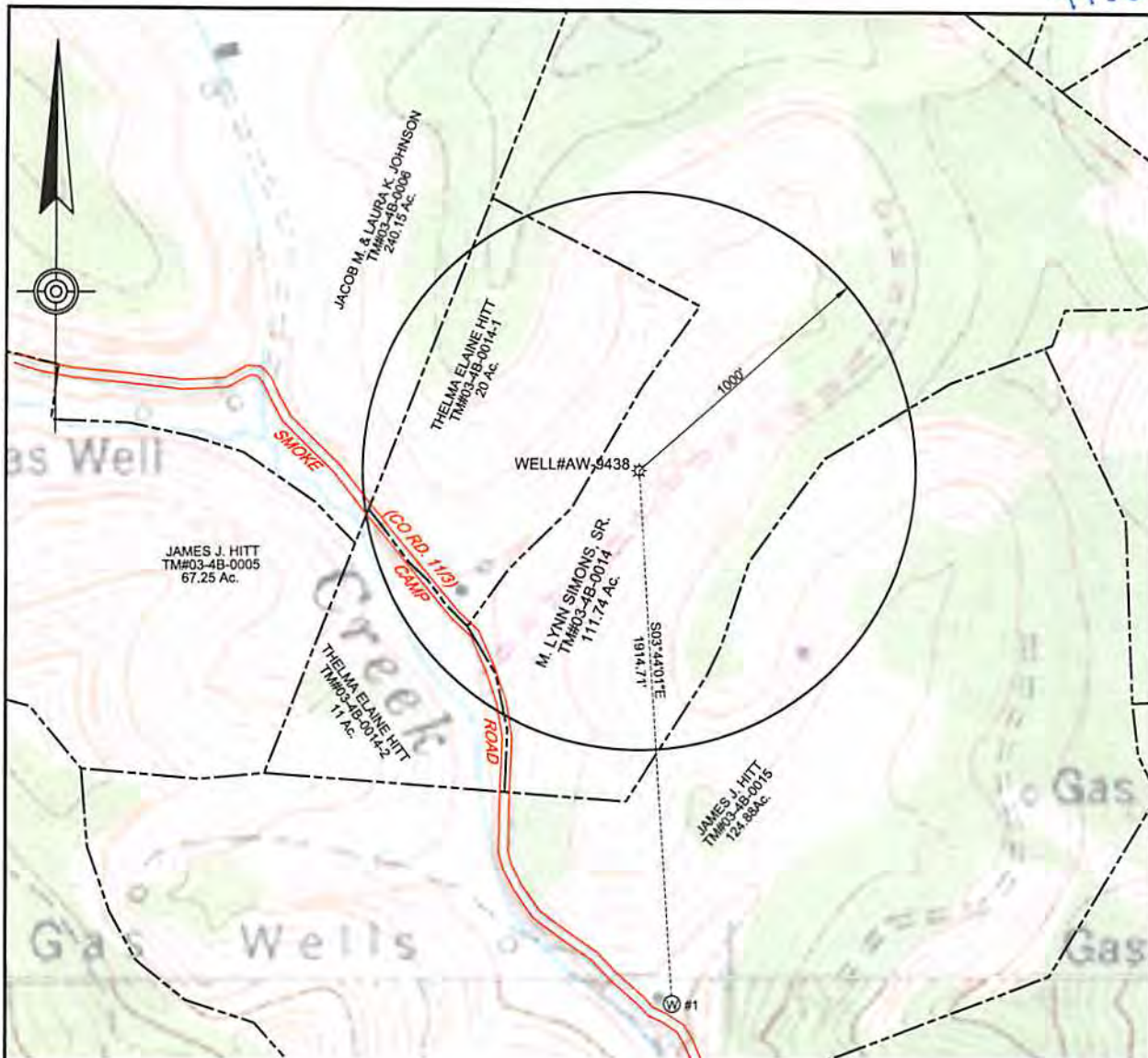
DOMINION TRANSMISSION, INC.  
445 W. MAIN ST.  
CLARKSBURG, WV 26301  
304-669-6230

RECEIVED  
Office of Oil and Gas

JUL 14 2014

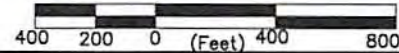
WV Department of  
Environmental Protection  
08/15/2014

4100181W



TM# - LEWIS COUNTY TAX MAP NUMBER  
 W#1 - WATER SAMPLE LOCATION AND NUMBER  
 THIS DRAWING WAS COMPILED FROM LEWIS COUNTY  
 TAX DATABASE AND ASSESSMENT MAP #03-4B.  
 GEOGRAPHIC LOCATION BASED ON NAD83  
 USGS QUAD MAP - BIG ISAAC - SECTION 7

B.S. 6-25-14



### WATER SOURCE MAP

#### WATER SAMPLE DATA

#	TYPE	OWNER NAME	LATITUDE	LONGITUDE	ELEV.	DEPTH	NOTES
1	Hand-Dug Well	James J. Hitt	39°07'28.91"	80°35'02.74"	1070	5.0'	Sample obtained from outdoor faucet

RECEIVED  
Office of Oil and Gas

JUL 14 2014

PROJECT NAME: AW-9438  
 OPERATOR: DOMINION TRANSMISSION, INC.  
 API# 47-0041-00181  
 DISTRICT: FREEMANS CREEK RURAL  
 COUNTY: LEWIS  
 STATE: WEST VIRGINIA  
 DATE: APRIL 7, 2014

**DRA-SURV INC.**  
 SURVEYING & ENGINEERING  
 PHONE: (724) 966-2483 FAX: (724) 966-2770  
 P.O. BOX 402  
 405A WEST GEORGE STREET  
 CARMICHAELS, PA 15320

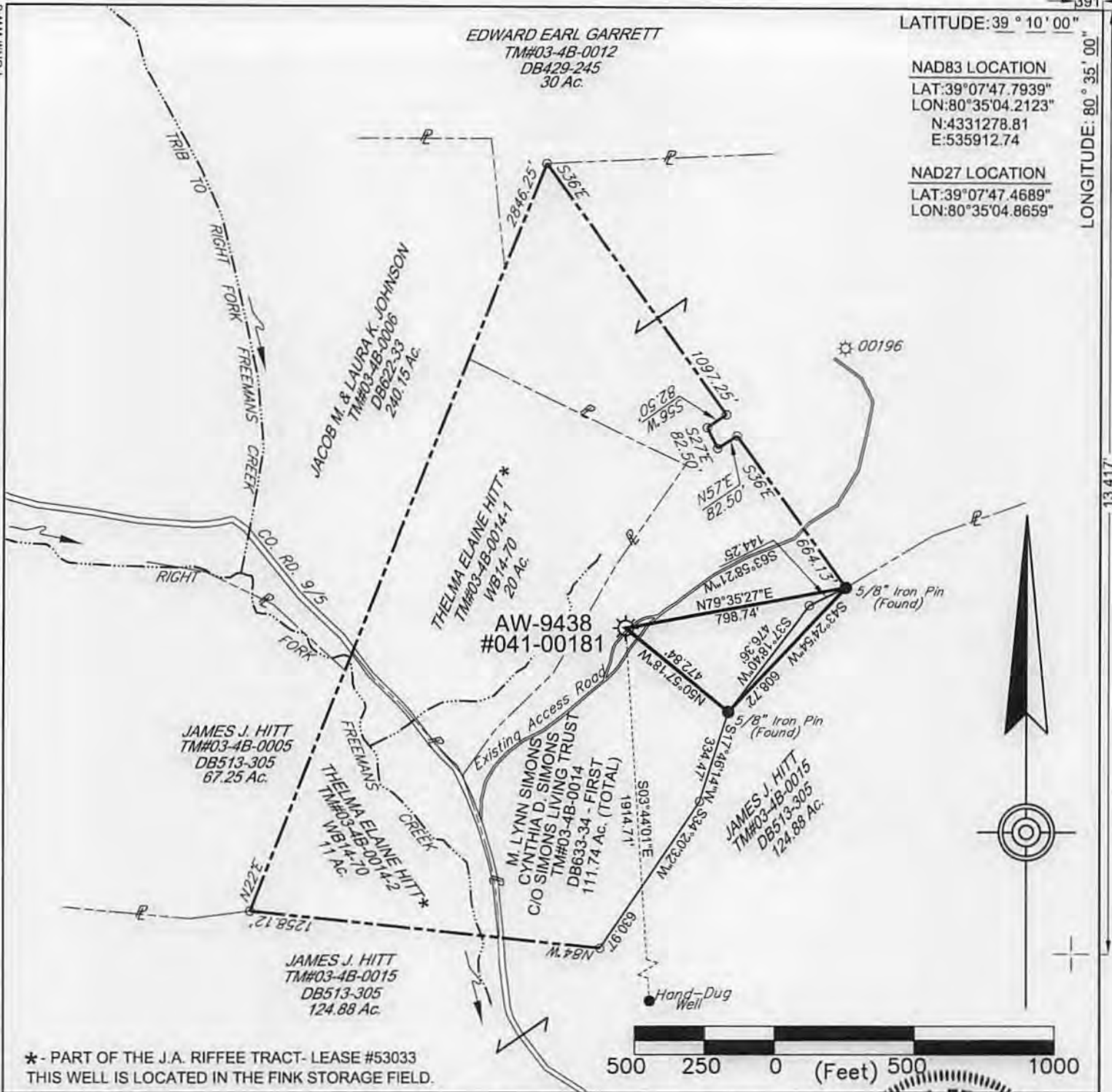
Environmental Protection  
 08/15/2014

EDWARD EARL GARRETT  
TM#03-4B-0012  
DB429-245  
30 Ac.

LATITUDE: 39° 10' 00"

NAD83 LOCATION  
LAT: 39° 07' 47.7939"  
LON: 80° 35' 04.2123"  
N: 4331278.81  
E: 535912.74

NAD27 LOCATION  
LAT: 39° 07' 47.4689"  
LON: 80° 35' 04.8659"



\* - PART OF THE J.A. RIFFEE TRACT- LEASE #53033  
THIS WELL IS LOCATED IN THE FINK STORAGE FIELD.

FILE NO. \_\_\_\_\_  
 DRAWN BY DMS  
 SCALE 1 INCH = 500 FEET  
 MIN DEGREE OF ACCURACY 1 IN 2500  
 PROVEN SOURCE OF ELEVATION SURVEY GRADE GPS

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DIVISION OF ENVIRONMENTAL PROTECTION

*Jack E. Ferenci*  
 P.E. #15580



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 W.V.D.E.P.  
 OFFICE OF OIL AND GAS  
 601 57TH STREET  
 CHARLESTON, WV 25304



**DRA-SURV INC.**  
 SURVEYING & ENGINEERING  
 PHONE: (724) 966-2483 FAX: (724) 966-2770  
 P.O. BOX 402  
 405A WEST GEORGE STREET  
 GARMICHAELS, PA 15320

DATE JULY 29, 2014  
 OPERATORS WELL NO. AW-9438  
 API WELL NO. 47 041 00181  
 STATE COUNTY PERMIT

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
 IF "GAS", PRODUCTION  STORAGE  DEEP  SHALLOW   
 LOCATION: WATERSHED RIGHT FORK FREEMANS CREEK ELEVATION 1191.6  
 COUNTY/DISTRICT LEWIS - FREEMANS CREEK RURAL QUADRANGLE BIG ISAAC - SECTION 7  
 SURFACE OWNER M. LYNN & CYNTHIA D. SIMONS-SIMONS LIVING TRST ACREAGE 111.74 Ac. TOTAL (67.75 Ac. THIS TRACT)  
 OIL & GAS ROYALTY OWNER DOMINION TRANSMISSION, INC. ACREAGE 67.75 ACRES  
 PROPOSED WORK: DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE   
 PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  PLUG & ABANDON   
 CLEAN OUT & REPLUG  OTHER CHANGE  (SPECIFY) \_\_\_\_\_  
 TARGET FORMATION: GANTZ ESTIMATED DEPTH 2383  
 WELL OPERATOR: DOMINION TRANSMISSION, INC DESIGNATED AGENT MATTHEW E. GORALCZYK  
 ADDRESS 445 WEST MAIN ST ADDRESS 445 WEST MAIN STREET  
CLARKSBURG, WV 26301 CLARKSBURG, WV 26301

08/15/2014