



**west virginia** department of environmental protection

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

February 26, 2015

**WELL WORK PLUGGING PERMIT**

**Plugging**

This permit, API Well Number: 47-4101429, 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.

Upon completion of the plugging well work, the above named operator will reclaim the site according to the provisions of WV Code 22-6-30. The above named operator will also file, as required in WV Code 22-6-23, an affidavit on form WR-38 by two experienced persons in the operator's employment and the Oil and Gas inspector that the work authorized under this permit was performed and a description given. Failure to abide by all statutory and regulatory provisions governing all duties and operations here under may result in suspensions or revocation of this permit and in addition may result in civil and/or criminal penalties being imposed upon the operator.

This permit will expire in two (2) years from date of issue. If there are any questions, please free to contact me at (304) 926-0499 ext. 1654.

James Martin

Chief

Operator's Well No: 1-B

Farm Name: DROPPLEMAN, B. H. - HEIRS

**API Well Number: 47-4101429**

**Permit Type: Plugging**

Date Issued: 02/26/2015

**Promoting a healthy environment.**

**02/27/2015**

## 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. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
2. 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.
3. Well work activities shall not constitute a hazard to the safety of persons.

1) Date March 26, 2014  
2) Operator's  
Well No. 13063  
3) API Well No. 47-041-01429

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

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

4) Well Type: Oil \_\_\_ / Gas X / Liquid injection \_\_\_ / Waste disposal \_\_\_ /  
(If "Gas, Production X or Underground storage \_\_\_) Deep \_\_\_ / Shallow X

5) Location: Elevation 1151.89' Watershed Buck Run of Fink Creek  
District Freemans Creek 3 County Lewis Quadrangle New Milton, WV 7.5' 511

6) Well Operator Dominion Transmission, Inc. 7) Designated Agent Mr. James D. Blasingame  
Address 445 West Main Street Address 445 West Main Street  
Clarksburg, WV 26301 Clarksburg, WV 26301

8) Oil and Gas Inspector to be notified 9) Plugging Contractor  
Name Mr. Barry Stollings Name Unknown  
Address 28 Conifer Drive Address \_\_\_\_\_  
Bridgeport, WV 26330

10) Work Order: The work order for the manner of plugging this well is as follows:  
**See Attached Sheet**

Received  
Office of Oil & Gas  
JAN 20 2015

Notification must be given to the district oil and gas inspector 24 hours before permitted work can commence.

Work order approved by inspector Barry Stollings Date 12-29-14

## DTI Well 13063 (47-041-01429) Plug and Abandon Procedure

**Wellbore Configuration:**

GL Elevation: 1178'

10-3/4" Csg set at 60'

8-5/8" Csg set at 1200' (no cement recorded)

4-1/2" K55 10.5# Csg set at 2548' (cemented w/ 45sx, TOC is 2168'; some cement 1630'-1940')

Bridge plug at 2490'

Little Lime: 2115'- 2136'

Big Lime: 2160'-2210'

Big Injun: 2213'- 2310'

Gantz Perforations: 2550'-2572'

Current Well TD: 2584'

**Procedure:**

1. Complete One Call prior to well site construction.
2. Install E&S controls per plan.
3. MIRU service rig and equipment.
4. Nipple up and pressure test BOP.
5. Blow well down to tank/Kill well with fluid if required.
6. Attempt to cut and pull 4-1/2" casing. (if unsuccessful go to **Scenario B**)
7. TIH w/ tubing and plug well from 2490' to 1200' with class A cement.
8. Attempt to cut and pull 8-5/8" casing (if successful go to ~~step 11~~ **STEP 10**).
9. MIRU wireline and perforate 8-5/8" csg per state inspector instructions.
10. TIH w/ tubing and plug well from 1200' to surface.
11. RDMO service rig, reclaim location and install surface monument.

**Scenario B – 4-1/2" casing could not be pulled.**

7. alt MIRU wireline and perforate 4-1/2" csg per state inspector instructions.
8. alt TIH w/ tubing and plug well from 2490' to surface.
9. alt RDMO service rig, reclaim location and install surface monument.

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OK

4101429P

**Well # 13063**  
**DG-1-B (DTI 41-1429)**  
 Permit # 47-041-01429

**Drilling Commenced - 8/8/65**  
**Drilling Completed - 4/4/66**  
**Production - Water/Oil/Gas**  
**Oil - 18BBL/day**  
**Well not frac'ed**  
 6/20/08 logs: JCGR, GNT, MVRT, SBT  
 Future plans: P&A



Annular fluid level @ 33' [2008 Logs]

No record of cement  
10-3/4" @ 60'

Possible annular gas from 525'-850 [2008 GRN]

100% ODGC @ 841' & 850' [2008 MVRT]  
No record of cement

Salt water @ 1090'

8-5/8" @ 1200'

2008 MVRT - 6 jts w/ > 80% metal loss

Fluid on top of the plug.

Some cement bond from 1630'-1940' [2008 SBT]

Little Lime  
2115'-2136'[2008 GR Log]

Big Lime  
2160'-2210'[2008 GR Log]

Big Injun  
2213'-2310' [2008 GR log]

Cement top @ 2168' [2008 SBT]

Excellent cement bond from 2500'-TOC [2008 SBT]

N1 Bridge plug @ 2490' [2008]

Cemented with 45sx

4-1/2", 10.5#/ft., K-55 @ 2548'

Gantz  
2550'-NA[2008 GR Log]

Open Hole  
Torpedo Shot 2550-2560'  
- 4 SPF [40 holes]

TD - 2584'  
LTD - 2000 - 2582'

2008 Logger's TD @ 2568'

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Well Name & Number:	DG-1B [DTI 41-1429]		Lease	Droppleman [surface]	
County or Parish:	Lewis	State/Prov.	WV	Country:	USA
Perforations: (MD)			(TD)	2584'	
Angle/Perfs	Angle @KOP and Depth			KOP TVD	
BHP:	BHT:	Completion Fluid:			
FWHP:	FBHP:	FWHT:	FBHT:	Other:	
Date Completed:					RKB:
Prepared By:	Jeff Renner/Dick Cross		Last Revision Date:	4/14/08....5/14/08	

02/27/2015

4101429P

Form OG-10

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION 8

- Rotary
- Spudder
- Cable Tools
- Storage

WELL RECORD

Oil or Gas Well Oil

County Law, I429

Company H. E. Acker  
Address Box 667 Weston West Va.  
Farm Dropleman Acres 22  
Location (waters) Freeman Creek  
Well No. ONE - B Elev. \_\_\_\_\_  
District RUCK RUN County LEWIS  
The surface of tract is owned in fee by Dropleman  
Weston Address \_\_\_\_\_  
Mineral rights are owned by SRMP  
Address \_\_\_\_\_  
Drilling commenced AUGUST 8, 1965  
Drilling completed APRIL 4, 1966  
Date shut in From \_\_\_\_\_ To \_\_\_\_\_  
Well \_\_\_\_\_

Depth	Used in Drilling	Left in Well	Remarks
16			Kind of Packer
13			
10	60 feet	60 Feet	Size of
8 1/4	1200	NONE	
6 1/4			Depth set
5 9/16			
4 1/4	2548	2548	
3			Perf. top
2	2540	2540	Perf. bottom
			Perf. top
			Perf. bottom

Open Flow /10ths Water in \_\_\_\_\_ Inch  
/10ths Merc. in \_\_\_\_\_ Inch  
Volume \_\_\_\_\_ Cu. Ft.  
Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
OH 18 bbls. 1st 24 hrs.  
WELL ACIDIZED (DETAILS) \_\_\_\_\_  
WELL FRACTURED (DETAILS) \_\_\_\_\_ No. \_\_\_\_\_

Attach copy of casing record.  
CASING CEMENTED 4 1/2 SIZE 2548 No. Fr 3, 25, 66 Data  
Amount of cement used (bags) 45  
Name of Service Co. RWBOR  
COAL WAS ENCOUNTERED AT 1110 FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

RESULT AFTER TREATMENT (Initial open Flow or bbls.) \_\_\_\_\_  
ROCK PRESSURE AFTER TREATMENT \_\_\_\_\_ HOURS  
Fresh Water NONE Feet \_\_\_\_\_ Salt Water 6ft. S.W. Feet 1090  
Producing Sand Quartz Depth 2550 to 68

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Top soil			0	18			
Shale & sand			18	50			
shale			50	150			
red rock		soft	150	165			
Slate	grey		165	185			
Sand	Light	Hard	185	240			
Lime	Grey		240	275			
Rock	Red		275	320			
Slate	Grey		320	340			
Line	Grey		340	355			
R.Rock			355	490			
Slate	Light		490	515			
Sand	brown		515	545			
Sandy lime			545	585			
Slate & shells			585	615			
Shaley sand			615	675			
Slate			675	695			
R.Rock			695	780			
Slate	Light	hard	780	815			
R.Rock			815	905			
Slate			905	956			
R.Rock			956	1035			
Lime	Grey	Hard	1035	1070			
Slate	"		1070	1106			
R.Rock			1106	1153			
Slate	Grey	Hard	1153	1240			
Slate	Black		1240	1265			
Slate & Shells			1265	1300			
Line	Gritty		1300	1342			



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Formation	Color	Hard or Soft	Top $\delta$	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate & shale			1342	1374			
Slate & Shells			1374	1392			
Lime Critty			1392	1426			
Sand	Light		1426	1463			
Slate			1463	1477			
Lime	Grey		1477	1499			
Slate & Shells			1499	1531			
Lime			1531	1579			
Slate & shale			1579	1602			
Lime			1602	1622			
Slate & Shale			1622	1685			
Sand	Light		1685	1691			
Sandy shale			1691	1710			
Slate			1710	1750			
Slate & Shells			1750	1836			
Shells			1836	1856			
Sand			1856	1871			
Lime			1871	1902			
H. Rock			1902	1934			
Lime			1934	1968			
H. Rock			1968	1997			
Lime			1997	2038			
Sand	Dark		2038	2071			
H. Rock			2071	2084			
Lime			2084	2146			
Sand			2146	2211			
Lime			2211	2241			
Sand			2241	2313			
Slate			2313	2395			
Slate & shale			2395	2461			
Shale			2461	2514			
Black shale			2514	2549			
Gault			2549	2572			
Shale			2572	2584			

Date 4/19, 1966

APPROVED [Signature], Owner

By [Signature] (Title)

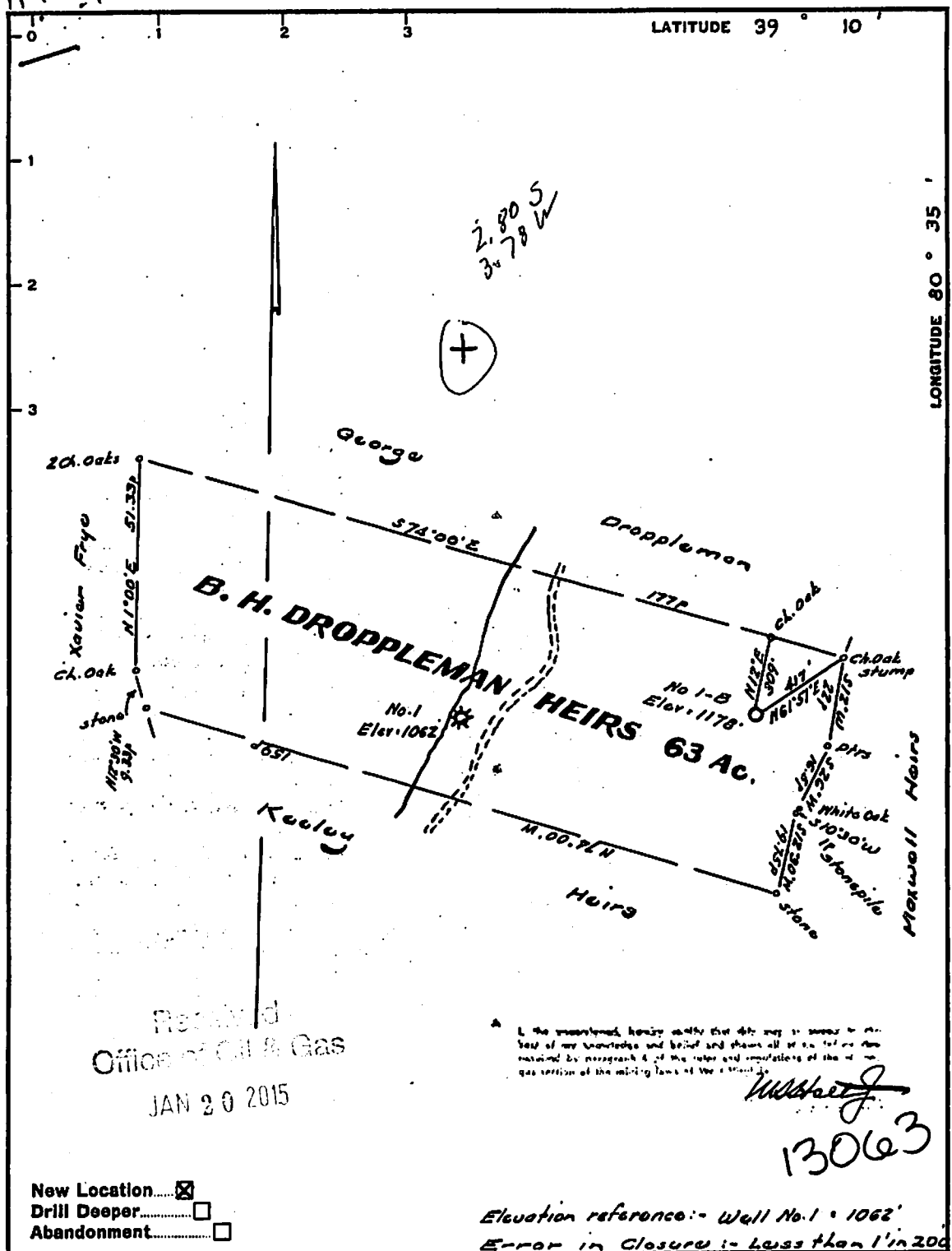
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JAN 20 2015

A. I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all of the land as the same is owned by paragraph 4 of the order and computations of the oil and gas portion of the mining laws of the State of West Virginia.

*W. H. ...*  
13063

New Location...

Drill Deeper...

Abandonment...

Elevation reference: - Well No. 1 - 1062'

Error in closure: - Less than 1' in 200'

Company H. E. ACKER, ETAL

Address Box 667, Weston, W. Va.

Farm B. H. Droppleman Heirs

Tract \_\_\_\_\_ Acres 63 Lease No. \_\_\_\_\_

Well (Farm) No. One-B Serial No. \_\_\_\_\_

Elevation (Spirit Level) 1178

Quadrangle Vadis - C

County Lewis District Freedmans Co.

Engineer W. H. ...

Engineer's Registration No. 1221

File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_

Date July 24, 1965 Scale 1" = 300' = 495'

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION  
CHARLESTON

WELL LOCATION MAP  
FILE NO. LEW-1429  
13063

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border lines of original tracing.

02/27/2015  
6-6 143

1741 127



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WW-4A  
Revised 6-07

1) Date: March 26, 2014  
2) Operator's Well Number  
13063  
3) API Well No.: 47 - 041 - 01429

**STATE OF WEST VIRGINIA**  
**DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS**  
**NOTICE OF APPLICATION TO PLUG AND ABANDON A WELL**

4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>Dominion Transmission, Inc.</u>	Name <u>Dominion Transmission, Inc.</u>
Address <u>445 West Main Street <i>W</i></u>	Address <u>445 West Main Street <i>W</i></u>
<u>Clarksburg, WV 26301</u>	<u>Clarksburg, WV 26301</u>
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name _____
	Address _____
(c) Name _____	Name _____
Address _____	Address _____
6) Inspector <u>Barry Stollings</u>	(c) Coal Lessee with Declaration
Address <u>28 Conifer Drive</u>	Name _____
<u>Bridgeport, WV 26330</u>	Address _____
Telephone <u>304-552-4194</u>	

**TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:**

- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form WW-6.

The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses side. However, you are not required to take any action at all.

Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental Protection, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice, the Application, and the plat have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Chief.



Well Operator Dominion Transmission, Inc.  
 By: James D. Blasingame *James D. Blasingame* 4/14/14  
 Its: Director of Storage  
 Address 445 West Main Street  
Clarksburg, WV 26301  
 Telephone 304-669-5007

Received  
Office of Oil & Gas  
JAN 20 2015

Subscribed and sworn before me this 14<sup>th</sup> day of April 2014  
Beverly D. Lowe Notary Public  
My Commission Expires December 17, 2020

**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).

02/27/2015

OFFICIAL BEAL  
HONORARY PUBLIC  
State of West Virginia  
BEVERLY D. LOWE  
Director, Transition Inc.  
445 West Main Street  
Martinsburg, WV 25401  
By Commission Expires December 31, 2015



**SURFACE OWNER WAIVER**

Operator's Well  
Number

13063

**INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW4-A**

The well operator named on page WW-4A is applying for a permit from the State to plug and abandon a well. (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 **FIVE (5) 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.

**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 Permit To Plug And Abandon on Forms WW-4A and WW-4B, and a survey plat.

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  
ETC.

FOR EXECUTION BY A CORPORATION,

<p>_____ Signature</p>	<p>_____ Date</p>	<p>Name <u>DOMINION TRANSMISSION INC.</u> By <u>JAMES D. BLASINGAME</u> Its <u>DESIGNATED AGENT-DIRECTOR GAS STORAGE</u> <i>James D. Blasingame</i> Signature</p>	<p>Date <u>4/14/14</u> <u>4/14/14</u> Date</p>
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Office of Oil & Gas  
JAN 20 2015

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4101429 P

WW-4B

API No.	<u>47-041-01429</u>
Farm Name	<u>Dropleman Heirs</u>
Well No.	<u>13063</u>

**INSTRUCTIONS TO COAL OPERATORS  
OWNERS AND LESSEE**

The well operator named on the obverse side of WW-4 (B) is about to abandon the well described in the enclosed materials and will commence the work of plugging and abandoning said well on the date the inspector is notified. Which date shall not be less than five days after the day on which this notice and application so mailed is received, or in due course should be received by the Department of Environmental Protection Office of Oil & Gas.

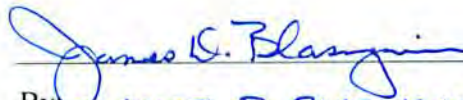
This notice and application is given to you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not the operator will proceed to plug and fill said well in the manner required by Section 24, Article 6, Chapter 22 of the Code and given in detail on obverse side of this application.

NOTE: If you wish this well to be plugged according to 22-6-24(d) then as per Regulation 35CSR4-13.9 you must complete and return to this office on form OB-16 "Request by Coal Operator, Owner, or Lessee for plugging" prior to the issuance of this plugging permit.

**WAIVER**

The undersigned coal operator X / owner \_\_\_\_\_ / lessee \_\_\_\_\_ / of the coal under this well location has examined this proposed plugging work order. 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.

Date: 4/14/14

  
By: JAMES D. BLASINGAME

Its DESIGNATED AGENT, DTI - DIRECTOR GAS STORAGE

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Office of Oil & Gas  
JAN 20 2015

02/27/2015

4101429A

WW-9  
Rev. 5/08

Page \_\_\_\_\_ of \_\_\_\_\_  
API Number 47 - 041 - 01429  
Operator's Well No. 13063

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

CONSTRUCTION AND RECLAMATION PLAN AND SITE REGISTRATION APPLICATION FORM  
GENERAL PERMIT FOR OIL AND GAS PIT WASTE DISCHARGE

Operator Name Dominion Transmission, Inc. OP Code 307048  
Watershed Buck Run of Fink Creek Quadrangle New Milton, WV 7.5'  
Elevation 1151.89 County Lewis District New Milton

Description of anticipated Pit Waste: \_\_\_\_\_

Will a synthetic liner be used in the pit? No

ANY WELL EFFLUENT MUST  
BE CONTAINED IN TANKS  
& DISPOSED OF OFF SITE. *JML/mm*

Proposed Disposal Method For Treated Pit Wastes:

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

Proposed Work For Which Pit Will Be Used:

- Drilling
- Workover
- Other (Explain \_\_\_\_\_)
- Swabbing
- Plugging

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* 4/14/14  
Company Official (Typed Name) JAMES D. BLASINGAME  
Company Official Title DESIGNATED AGENT, DTI - DIRECTOR GAS STORAGE

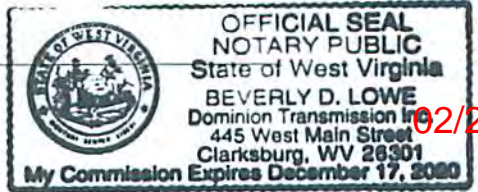
Subscribed and sworn before me this 14th day of April, 2014

Received  
Office of Oil & Gas

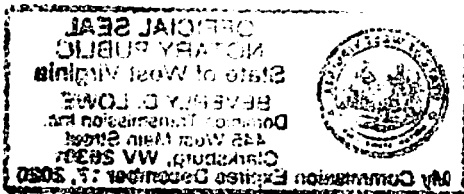
*Beverly D. Lowe* Notary Public

JAN 20 2015

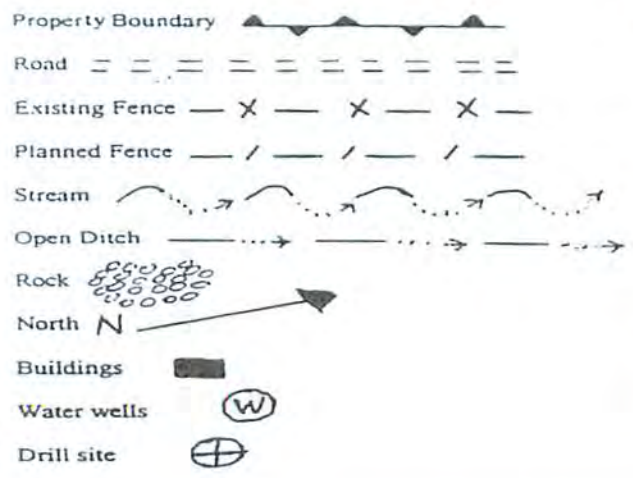
My commission expires December 17, 2020



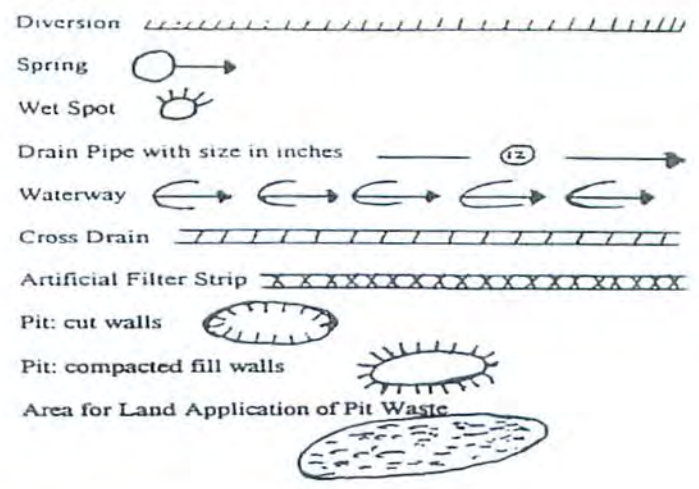
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02/27/2015



LEGEND



Proposed Revegetation Treatment: Acres Disturbed 1.00 +/- Prevegetation pH \_\_\_\_\_

Lime 3.0 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 2.0 Tons/acre

Seed Mixtures

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

Seed Type	Area II	lbs/acre
Timothy		3
Orchard Grass		12
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: Bamy Stultz

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

Received  
Office of Oil & Gas  
JAN 20 2015

Title: inspector

Date: 12-29-14

Field Reviewed? ( ) Yes ( ) No

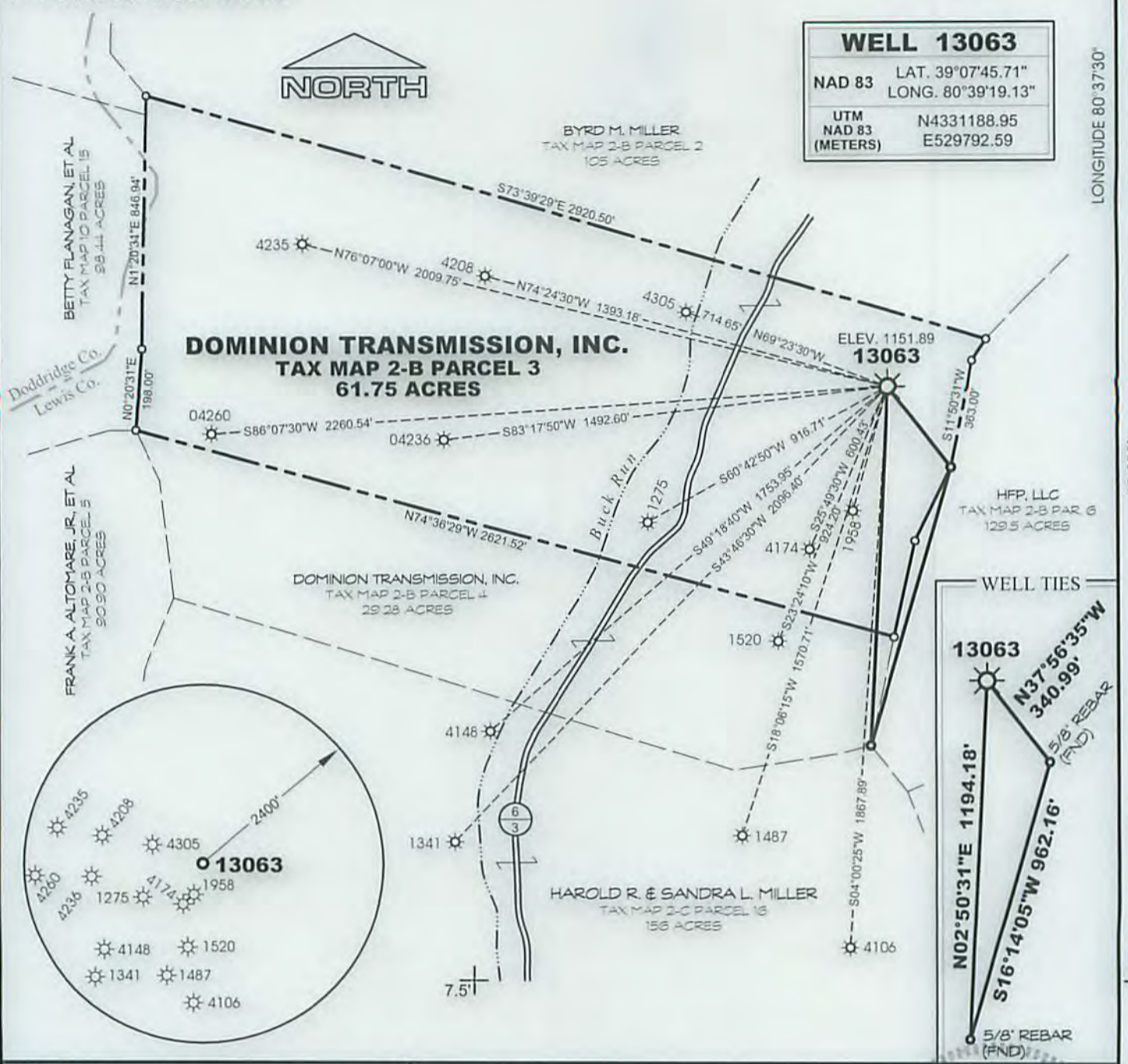
(+) DENOTES LOCATION OF WELL ON U.S.G.S. TOPOGRAPHIC MAP

LATITUDE 39°10'00"

LONGITUDE 80°37'30"



WELL 13063	
NAD 83	LAT. 39°07'45.71" LONG. 80°39'19.13"
UTM NAD 83 (METERS)	N4331188.95 E529792.59



**MSES consultants, inc.**  
 FILE NO. 12-502-WellPlat-13063  
 DRAWN BY RRC / MVS  
 SCALE 1" = 500'  
 MIN. DEGREE OF ACCURACY 1 IN 2500  
 PROVEN SOURCE OF ELEVATION:  
 DGPS (SUBMETER MAPPING GRADE)

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT IT SHOWS ALL INFORMATION REQUIRED BY LAW AND REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.

(SIGNED) Richard P. Castel  
 R.P.E. \_\_\_\_\_ P.S. 864



**STATE OF WEST VIRGINIA**  
 DEPARTMENT OF MINES  
**OIL AND GAS DIVISION**



DATE MARCH 24 20 14  
 OPERATOR'S WELL NO. 13063  
 API WELL NO.  
**47 041 01429**  
 STATE COUNTY PERMIT NO.

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
 IF "GAS", PRODUCTION  STORAGE  DEEP  SHALLOW

LOCATION: ELEVATION 1151.89' WATERSHED BUCK RUN OF FINK CREEK  
 DISTRICT FREEMANS CREEK COUNTY LEWIS  
 QUADRANGLE NEW MILTON NEAREST TOWN FINK  
 SURFACE OWNER DOMINION TRANSMISSION, INC. ACREAGE 61.75  
 OIL & GAS ROYALTY OWNER DOMINION TRANSMISSION, INC. LEASE ACREAGE 61.75

PROPOSED WORK: DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE   
 PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION   
 OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG

TARGET FORMATION GANTZ ESTIMATED DEPTH 2,584'  
 WELL OPERATOR DOMINION TRANSMISSION, INC. DESIGNATED AGENT MR. JAMES D. BLASINGAME  
 ADDRESS 445 WEST MAIN STREET ADDRESS 445 WEST MAIN STREET  
 CLARKSBURG, WV 26301 CLARKSBURG, WV 26301

COUNTY **041**  
 PERMIT NO.

02/27/2015



ADDRESS: 442 WEST MAIN STREET  
 MET OPERATOR: DOMINION TRANSMISSION, INC.  
 TARGET FORMATION: SANDS  
 ESTIMATED DEPTH: 5'28.4'  
 BLUE AND ABANDON  CLEAN OUT AND REBURG   
 OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_  
 PROPOSED WORK: DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE   
 LEASE NO.: \_\_\_\_\_  
 OIL & GAS ROYALTY OWNER: DOMINION TRANSMISSION, INC. LEASE ACREAGE: 81.72  
 SURFACE OWNER: DOMINION TRANSMISSION, INC. ACREAGE: 25.18  
 QUADRANGLE: NEWINGTON NEAREST TOWN: FINK  
 DISTRICT: FREEMANS CREEK COUNTY: LEWIS  
 LOCATION: ELEVATION: 1121.88' WATERSHED: BUCK RUN OF FINK CREEK  
 LEASE ACREAGE: 81.72  
 ACREAGE: 25.18  
 LEASE NO.: \_\_\_\_\_  
 COUNTY: LEWIS  
 PERMIT NO.: 140  
 STATE: VA  
 MET NO.: \_\_\_\_\_  
 OPERATOR'S MET NO.: 13083  
 DATE: MARCH 24 2015

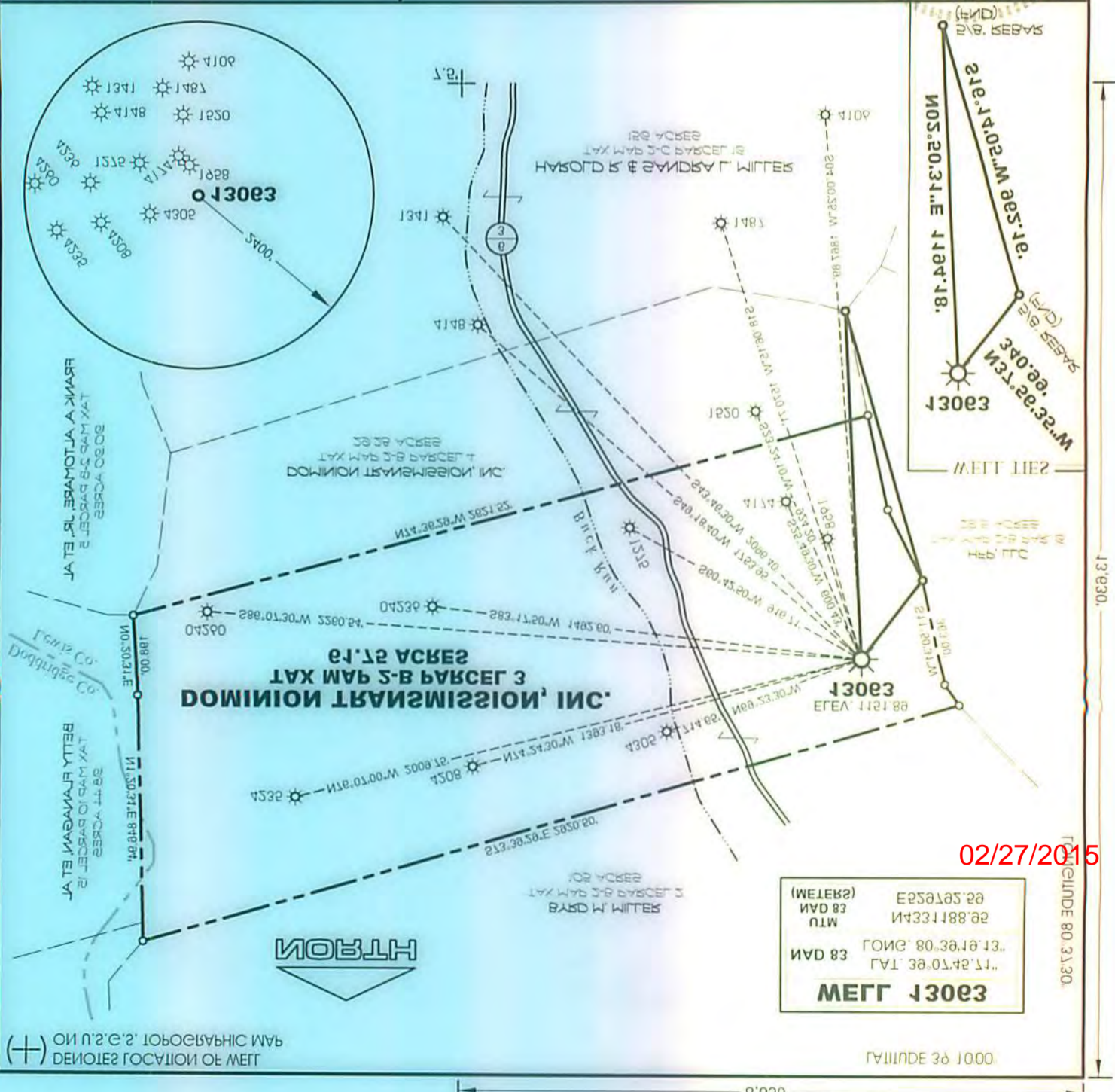
**OIL AND GAS DIVISION**  
DEPARTMENT OF MINES  
**STATE OF WEST VIRGINIA**



STATE: VA COUNTY: LEWIS PERMIT NO: 140  
 MET NO: \_\_\_\_\_ OPERATOR'S MET NO: 13083  
 DATE: MARCH 24 2015

DEPTH (SUBMETER MAPPING GRADE)  
 PROVEN SOURCE OF ELEVATION:  
 MIN. DEGREE OF ACCURACY: 1 IN 500  
 SCALE: 1" = 200'  
 DRAWN BY: BFC/VMS  
 FILE NO.: 15-205-W-1111-13083  
**W222 consultants, inc.**

(SIGNED) *James D. Blasingame*  
 BY THE DEPARTMENT OF MINES' AND REGULATIONS ISSUED AND PRESCRIBED AND THAT IT SHOWS ALL INFORMATION RECEIVED BY LAW CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.  
 I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAN IS



02/27/2015

13'830.

1500' 80 3130.

**Dominion Transmission, Inc  
Existing Well 13063  
Freemans Creek District, Lewis County, WV**

**March 26, 2014**

**Water Well Locations**

**Byrd M. Miller** **N30°00'W 698 Feet**  
**352 Drew Creek Road**  
**Naoma, WV 25140-9776**

**Charles Freeland** **N15°00'W 1801 Feet**  
**Route 9 Box 203**  
**Fairmont, WV 25140-9776**

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JAN 20 2015



January 15, 2015  
Project No.: 12-502

Permit Application Section  
Office of Oil and Gas  
State of West Virginia  
Department of Environmental Protection  
601 57<sup>th</sup> Street Southeast  
Charleston, West Virginia 25304

Received  
Office of Oil & Gas  
JAN 20 2015

**NOTICE OF APPLICATION TO PLUG AND ABANDON  
API WELL NO.: 47-041-01429  
DOMINION TRANSMISSION, INC.**

Dear Permit Application Section:

On behalf of Dominion Transmission Inc. (Dominion), MSES consultants, inc. (MSES) is submitting this Notice of Application to Plug and Abandon Dominion Well 13063, API Well No. 47-041-01429, Freemans Creek District, Lewis County, West Virginia.

The following information is provided for this Application to plug and abandon Dominion Well 13063, API Well No. 47-041-01429.

API No.	47-041-01429
Well Operator	Dominion Transmission, Inc.
Well Operator's Well Number	13063
Plugging Application Forms	
WW-4A	Completed/Enclosed/Signed
WW-4B	Completed/Enclosed/Signed by Inspector
Surface Owner Waiver	Completed/Enclosed/Signed
Drinking Water Wells	Two Water Wells Found Within 2,000' of Well to be Plugged. Water wells sampled.
Coal Owner/Operator/Lessee Waiver	Completed/Enclosed/Signed
WW-9 and Supporting Information	Completed/Enclosed/Signed by Inspector
Mylar Plat	Completed/Enclosed
Well Records/Completion Report	Enclosed
Topography Map of Well & Pit if Pit Issued	Enclosed/No Pit Off-Site Disposal/Signed by Inspector
Certified Mail Receipts of Affidavit of Personal Service	Dominion Owner of Surface and Operator of Coal Forms Signed
Bond	Dominion's Bond on File
Check	No Check Enclosed, No Pit to be Used – Disposal Off-Site

Permit Application Section

- 2 -

January 15, 2015

The original Notice of Application and one copy is provided with this transmittal.

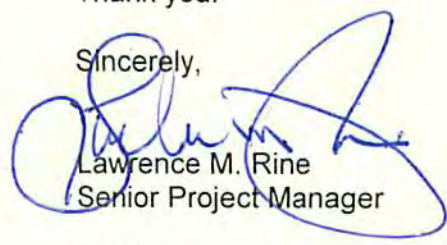
Should you have questions or need further information, please contact:

Mr. Mathew Goralczyk  
Gas Storage Department  
Dominion Transmission, Inc.  
445 West Main Street  
Clarksburg, WV 26301

The permit to plug and abandon Well API-47-041-01429, Dominion Well 13063 should be sent to Mr. Mathew Goralczyk at the address above.

Thank you.

Sincerely,



Lawrence M. Rine  
Senior Project Manager

LMR/dlb

cc: Mr. Mathew Goralczyk, Dominion Transmission, Inc.

Received  
Office of Oil & Gas  
JAN 20 2015