



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: 47-4104305, 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: DROPPLEMAN 4

Farm Name: CAWTHON, ROBERT J.

API Well Number: 47-4104305

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

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.

4104305A

1) Date February 24, 2014
2) Operator's
Well No. 13071
3) API Well No. 47-041-04305

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 / Liquid injection / Waste disposal
(If "Gas, Production or Underground storage) Deep / Shallow

5) Location: Elevation 982.00' Watershed Buck Run of Fink Creek
District Freemans Creek County Lewis Quadrangle New Milton, WV 7.5'

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 Name Barry Stollings
Address 28 Conifer Drive
Bridgeport, WV 26330
9) Plugging Contractor Name Unknown
Address _____

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 29 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

02/27/2015

DTI Well 13071 (47-041-04305) Plug and Abandon Procedure**Wellbore Configuration:**

GL Elevation: 993'

11-3/4" Csg set at 30' (cemented)

8-5/8" Csg set at 965' (cemented w/261sx)

4-1/2" J-55 9.5# Csg set at 2447' (cemented w/220sx, TOC is 1125')

2-3/8" J-55 4.6# 10RD Tubing set at 2390' (center of packer at 2350')

Little Lime: 1954'-1972'

Big Lime: 2000'-2057'

Big Injun: 2064'-2150' (perforations: 2110'-2120')

Gantz: 2385'-2410' (perforations: 2392'-2402')

Current Well TD: 2441'

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/Release packer and kill well with fluid if required.
6. Pull 2-3/8" tubing and packer.
7. TIH with cement retainer and 4 joints of tail pipe.
8. MIRU cementers and spot 600' cement plug from 2441' to 1840', set retainer at 2310', squeeze and sting out of retainer. Spot 700' cement plug from 1840' to 1125'. TOOH and WOC 8 hours.
9. RIH with sand line to tag and confirm cement plug depth.
10. Attempt to cut and pull 4-1/2" casing. (if unsuccessful go to Scenario B)
11. TIH w/ tubing and plug well to surface with class A cement.
12. RDMO service rig, reclaim location and install surface monument.

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

10. alt MIRU wireline and perforate casing/tubing per state inspector instructions.
11. alt TIH with tubing and plug well from 1125' to surface.
12. alt RDMO service rig, reclaim location and install surface monument.

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JAN 20 2015

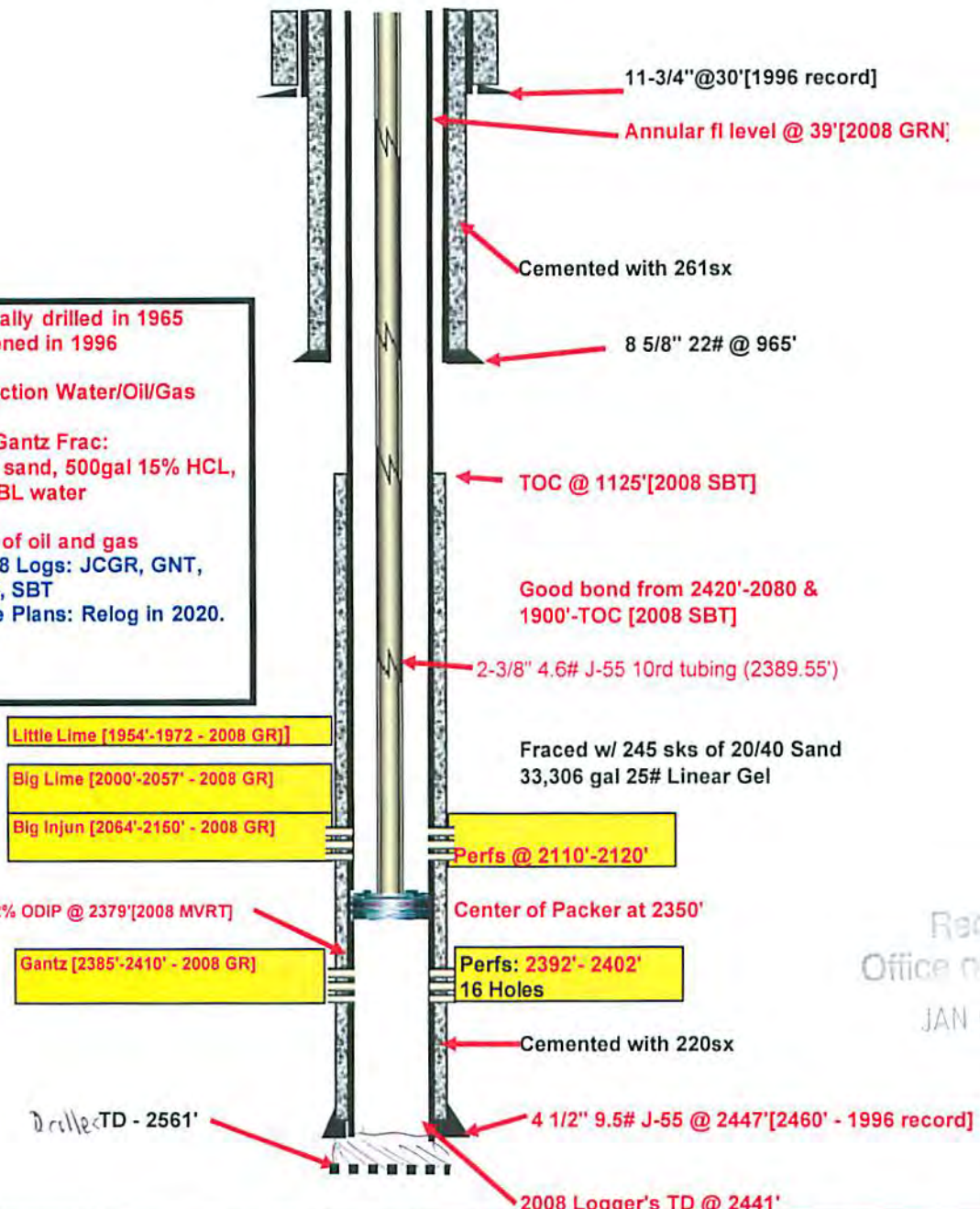
Well # 13071
DG-4 (DTI 41-4305)
 Permit # 47-041-04305
 GL: 993'
 2008 Log Measuring Point = 995'

Originally drilled in 1965
 Deepened in 1996

Production Water/Oil/Gas

1996 Gantz Frac:
 300sx sand, 500gal 15% HCL,
 335 BBL water

Show of oil and gas
 6/19/08 Logs: JCGR, GNT,
 MVRT, SBT
 Future Plans: Relog in 2020.
 Obs.



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Well Name & Number:	DG-4 [DTI 41-4305]	Lease	J. P. Cawthon		
County or Parish:	Lewis	State/Prov.	WV	Country:	USA
Perforations: (MD)	2400'-2412'		(TD)	2561'	
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:	1/23/2012 (MEJ)	

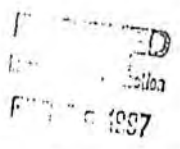
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02/27/2015

4104305P

WR-35

API #: 47-041-04305



State of West Virginia
Division of Environmental
Protection

Well Operator's Report of Well Work

Farm Name: DROPPLEMAN GANTZ Operator Well Number: 4 B-114

Elevation: 993 Quadrangle: NEW MILTON

District: FREEMANS CREEK County: LEWIS
Latitude: 13,250 Feet South of 39 Deg. 10 Min. 0.00 Sec.
Longitude: 9,380 Feet West of 80 Deg. 37 Min. 30.00 Sec.

Company: BOWIE, INC.
PO DRAWER 1430
CLARKSBURG, WV 26302-1430

Agent: GROVER BOWIE

Inspector: TIM BENNETT
Permit Issued: 11/22/1996
Well Work Commenced: 1/9/1997
Well Work Completed: 1/14/1997

Verbal Plugging
Permission granted on:
Rotary Cable: Rig
Total Depth (feet): 2581
Fresh Water Depths (ft): 24, 60
Salt Water Depths (ft): 2100

Casing and Tubing	Used in Drilling	Left in Well	Cement Fill Up in SKS
11 3/4	-	30	--
8 5/8	-	966	261
4 1/2	2480	2460	220

Is Coal Being Mined in the Area? (Y/N) No
Coal Depths (ft) 569-572

OPEN FLOW DATA

Producing formation GANTZ Pay zone depth (ft) GL 2398-2402
Gas: Initial open flow: SHOW MCF/day Oil: Initial open flow: SHOW BBL/day
Final open flow: NA MCF/day Final open flow: NA BBL/day
Time of open flow between initial and final tests: NA Hours
Static Rock Pressure: NA psig (surface pressure) after NA Hours

Producing formation _____ Pay zone depth (ft) _____
Gas: Initial open flow: _____ MCF/day Oil: Initial open flow: _____ BBL/day
Final open flow: _____ MCF/day Final open flow: _____ BBL/day
Time of open flow between initial and final tests: _____ Hours
Static Rock Pressure: _____ psig (surface pressure) after _____ Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELBORE.

For: BOWIE, INC.
By: William C. Bowie
Date: 2/4/1997

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Office of Oil & Gas
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LEW 4305

02/27/2015

4104305P

API: 47-041-04305

BOWIE #: 114

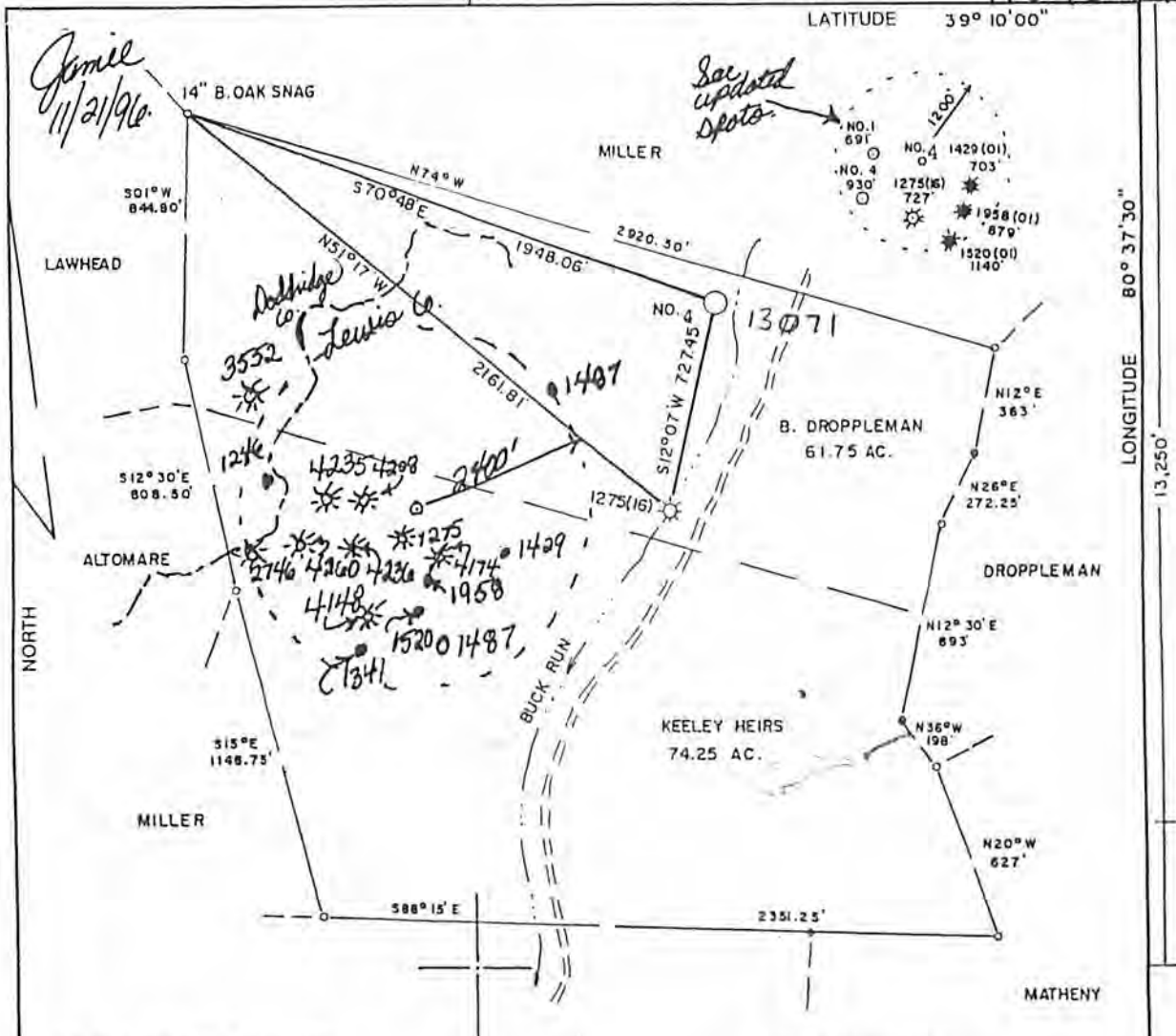
DROPPLEMAN GANTZ 4

Fracture Record Gantz (2408-2412) 18 Holes, 300 eia sand, 500 gal 15% HCl, 335 BBL H2O

FORMATION	COMMENT
COAL, 598-572	-1" H2O @ 24, 00'
LITTLE LIME, 1958-1970	-1.5" Salt H2O @ 2100'
BIG LIME, 2002-2050	-Gas Show @ 2339, TD
INJUN, 2050-2150	
GANTZ, 2360-2408	

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JAN 29 2015

02/27/2015



LAND SURVEYING SERVICES
 21 CEDAR LANE
 BRIDGEPORT, WV 26330
 PHONE: 304-842-2018

WELL REFERENCES:
 S76°30'E, 99' TO 6" ELM
 S45°E, 134' TO 4" ELM

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION TOP OF KNOB 2100' N.W. OF LOCATION ELEV. 1348'

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 DEPARTMENT OF ENERGY.

(SIGNED) Stephen D. Losh
 R.P.E. _____ L.L.S. 674
 STEPHEN D. LOSH

PLACE SEAL HERE

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 OIL AND GAS DIVISION



DATE FEBRUARY 16, 1993
 OPERATOR'S WELL NO. DROPPLEMAN NO. 4
 API WELL NO. _____

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION STORAGE _____ DEEP _____ SHALLOW
 LOCATION: ELEVATION 993' WATER SHED BUCK RUN
 DISTRICT FREEMAN'S CREEK COUNTY W. LEWIS

QUADRANGLE NEW MILTON 7.5 min.
 SURFACE OWNER ROBERT J. CAWTHON & BENJAMIN GOMMELL ACREAGE 61.75
 OIL & GAS ROYALTY OWNER B. DROPPLEMAN 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 2000' 2700'
 WELL OPERATOR BOWIE, INC. DESIGNATED AGENT WILLIAM BOWIE
 ADDRESS P. O. BOX 1430 ADDRESS P. O. BOX 1430
 CLARKSBURG, WV 26302-1430 CLARKSBURG, WV 26302-1430

Received
 Office of Oil & Gas
 JAN 20 2015

FORM WV-9

COUNTY NAME
 PERMIT

13071

02/27/2015

4104305P

WW-4A
Revised 6-07

1) Date: February 24, 2014
2) Operator's Well Number
13071
3) API Well No.: 47 - 041 - 04305

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

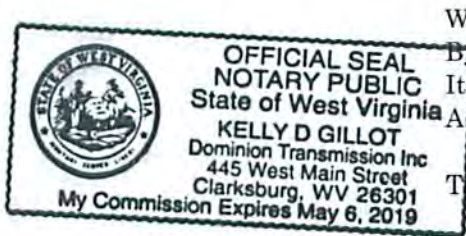
4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>Dominion Transmission, Inc.</u>	Name <u>Dominion Transmission, Inc.</u>
Address <u>445 West Main Street <i>W</i></u>	Address <u>445 West Main Street <i>W</i></u>
<u>Clarksburg, WV 26301</u>	<u>Clarksburg, WV 26301</u>
(b) Name _____	(b) 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
 Its: Director of Storage
 Address 445 West Main Street
Clarksburg, WV 26301
 Telephone 304-624-8000

Subscribed and sworn before me this 22nd day of December, 2014
Kelly D. Gillot Notary Public
 My Commission Expires May 6, 2019

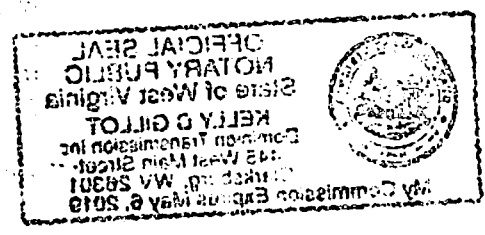
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Office of Oil & Gas

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.

02/27/2015

[Faint, illegible text from a document, possibly a contract or agreement, covering the majority of the page.]



[Handwritten signature and text, likely a date or name, located below the notary seal.]

SURFACE OWNER WAIVER

Operator's Well
Number

13071

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 57th 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,

Signature
Received
Office of Oil and Gas
JAN 20 2015

Name JAMES D. BLAUGNANE
By DOMINION TRANSMISSION, INC.
Its DIRECTOR GAS STORAGE Date 10/6/14
James D. Blaugnane Signature Date 02/27/2015

WW-4B

API No.	<u>47-041-04305 P</u>
Farm Name	<u>Dropleman</u>
Well No.	<u>13071</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.

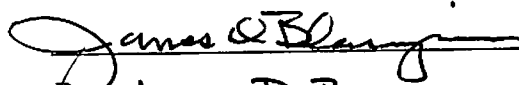
This notice and application is given to you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not the operator will proceed to plug and fill said well in the manner required by Section 24, 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 X / 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: 10/6/14


 By: JAMES D. BLASINGAME
 Its DIRECTOR, GAS STORAGE, DESIGNATED AGENT

Received
 Office of Oil & Gas
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02/27/2015

4104305P

WW-9
Rev. 5/08

Page _____ of _____
API Number 47 - 041 - 04350
Operator's Well No. 13071

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 982.00' County Lewis District Freemans Creek

Description of anticipated Pit Waste: Cement returns

Will a synthetic liner be used in the pit? No - Tanks to be Utilized.

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 Meadowfill Landfill, Bridgeport WV)

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.

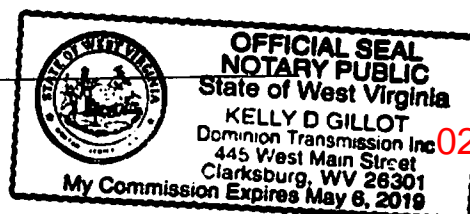
I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is 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*
Company Official (Typed Name) James D. Blasingame
Company Official Title Director of Storage (DELEGATED AGENT)

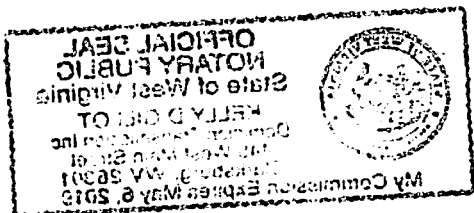
Subscribed and sworn before me this 22nd day of December, 2014 Received
Kelly D Gillet Office of Oil & Gas

Notary Public JAN 20 2015

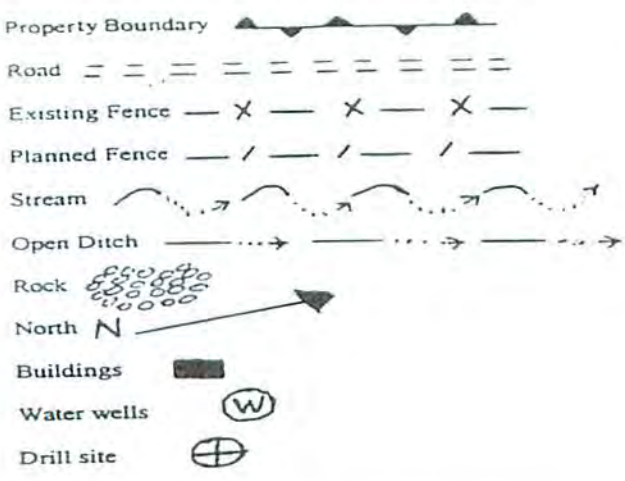
My commission expires May 6, 2019



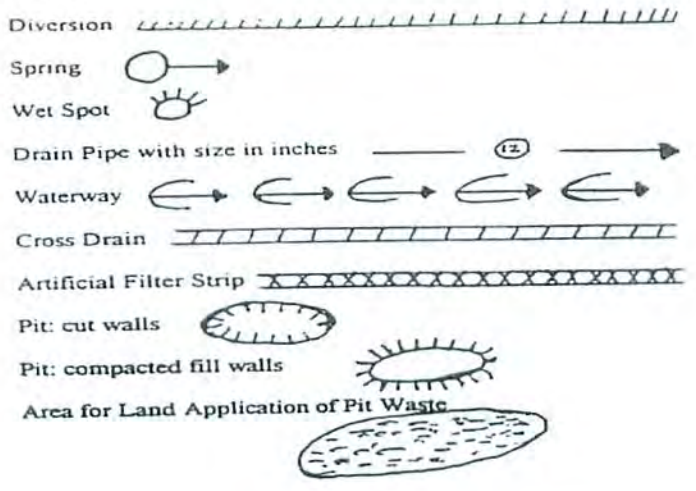
02/27/2015



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 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: Bang Stulhop

Comments: _____

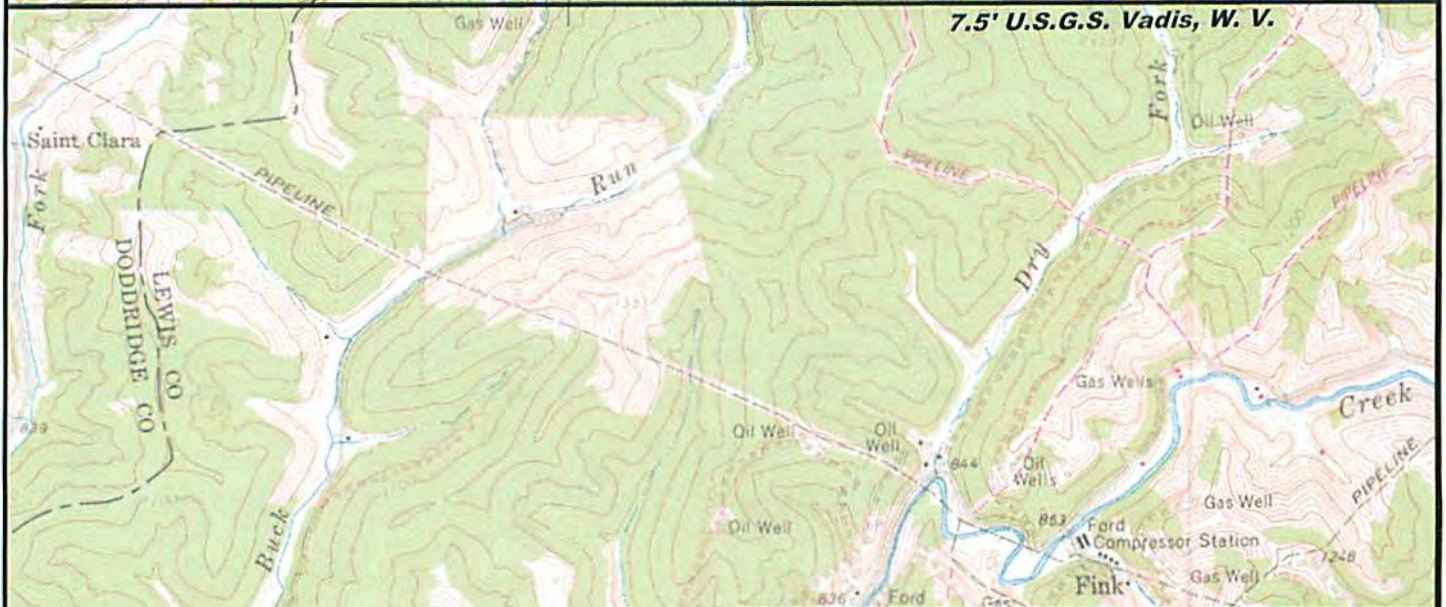
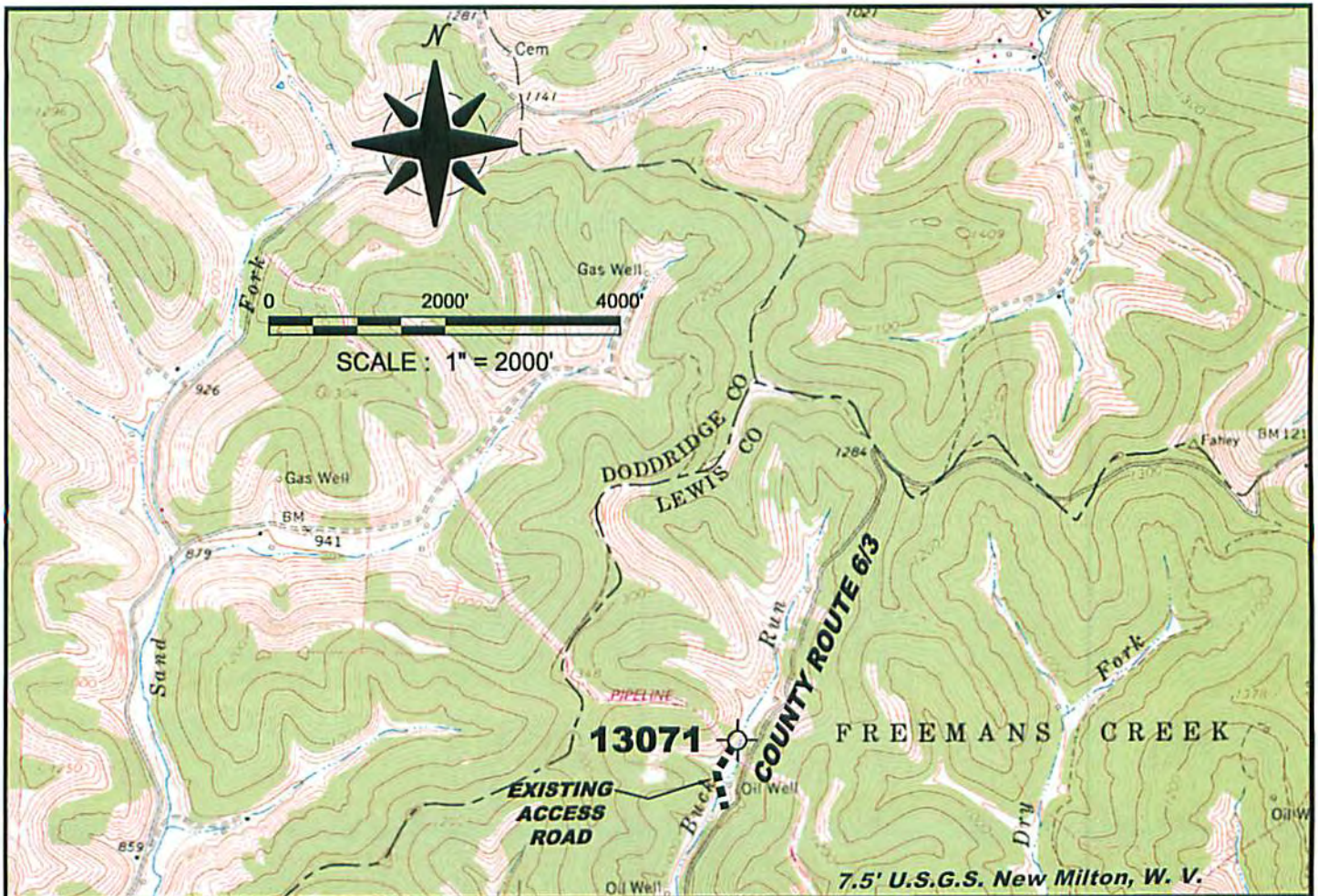
Title: Inspector

Date: 12-29-14

Field Reviewed? () Yes () No

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JAN 20 2015

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Office of Oil & Gas
02/27/2015



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Office of Oil & Gas

DOMINION TRANSMISSION, INC.

JAN 20 2015

WELL #13071 *BS. 12-29-14*

ACCESS ROAD & WELL SITE TOPO

Drawn by	LFL	2/14
Engineer	RVS	2/14
Checked by	RVS	2/14
		Date

Scale AS SHOWN

FIGURE

Prepared by **MSES consultants, inc.** **02/27/2015**

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

9,373'

LATITUDE 39°1000'

LONGITUDE 80°37'30"

WELL 13071	
NAD 83	LAT. 39°07'48.22" LONG. 80°39'27.61"
UTM NAD 83 (METERS)	N4331258.77 E529588.72



BYRD M. MILLER
TAX MAP 2-B PARCEL 2
105 ACRES

BETTY FLANAGAN, ET AL
TAX MAP 10 PARCEL 15
98.44 ACRES

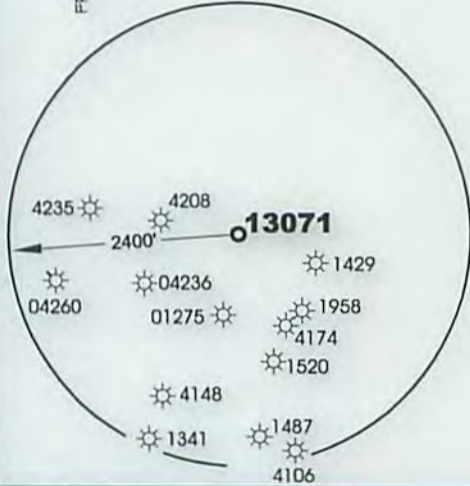
DOMINION TRANSMISSION, INC.
TAX MAP 2-B PARCEL 3
61.75 ACRES

DOMINION TRANSMISSION, INC.
TAX MAP 2-B PARCEL 4
29.28 ACRES

FRANK A. ALTOMARE, JR., ET AL
TAX MAP 2-B PARCEL 5
90.90 ACRES

HFP, LLC.
TAX MAP 2-B PAR 6
129.5 ACRES

HAROLD R. & SANDRA L.
MILLER
TAX MAP 2-C PARCEL 16
156 ACRES



MSES consultants, inc.

FILE NO. 12-502-WellPlat-13071
DRAWN BY RRC / MVS/LFL
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 FEBRUARY 24 20 14

OPERATOR'S WELL NO. 13071

API WELL NO.

47 **041** **04305P**
STATE COUNTY PERMIT NO.

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

LOCATION: ELEVATION 982.00' WATERSHED BUCK RUN OF FINK CREEK
DISTRICT FREEMANS CREEK COUNTY LEWIS
QUADRANGLE NEW MILTON, WV 7.5' NEAREST TOWN FINK

SURFACE OWNER DOMINION TRANSMISSION, INC. ACREAGE 61.75
OIL & GAS ROYALTY OWNER DOMINION TRANSMISSION, INC. LEASE ACREAGE 61.75

LEASE NO. _____

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 2414'
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

CLARKSBURG, WV 26301
 ADDRESS 445 WEST MAIN STREET
 WELL OPERATOR DOMINION TRANSMISSION, INC.
 GANTZ
 TARGET FORMATION

CLARKSBURG, WV 26301
 ADDRESS 445 WEST MAIN STREET
 DESIGNATED AGENT MR. JAMES D. BLASINGAME
 ESTIMATED DEPTH 2414'

PLUG AND ABANDON CLEAN OUT AND REPLUG
 OTHER PHYSICAL CHANGE IN WELL (SPECIFY)

PLUG OFF OLD FORMATION PERFORATE NEW FORMATION
 DRILL CONVERT DRILL DEEPER REDRILL
 PROPOSED WORK:

OIL & GAS ROYALTY OWNER DOMINION TRANSMISSION, INC.
 SURFACE OWNER DOMINION TRANSMISSION, INC.
 QUADRANGLE NEW MILTON, WV 7.5'
 DISTRICT FREEMANS CREEK
 LOCATION: ELEVATION 985.00'

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

NEAREST TOWN FINK COUNTY LEWIS
 WATERSHED BUCK RUN OF FINK CREEK

LEASE ACREAGE 61.75 ACRES
 PERMIT NO. 041


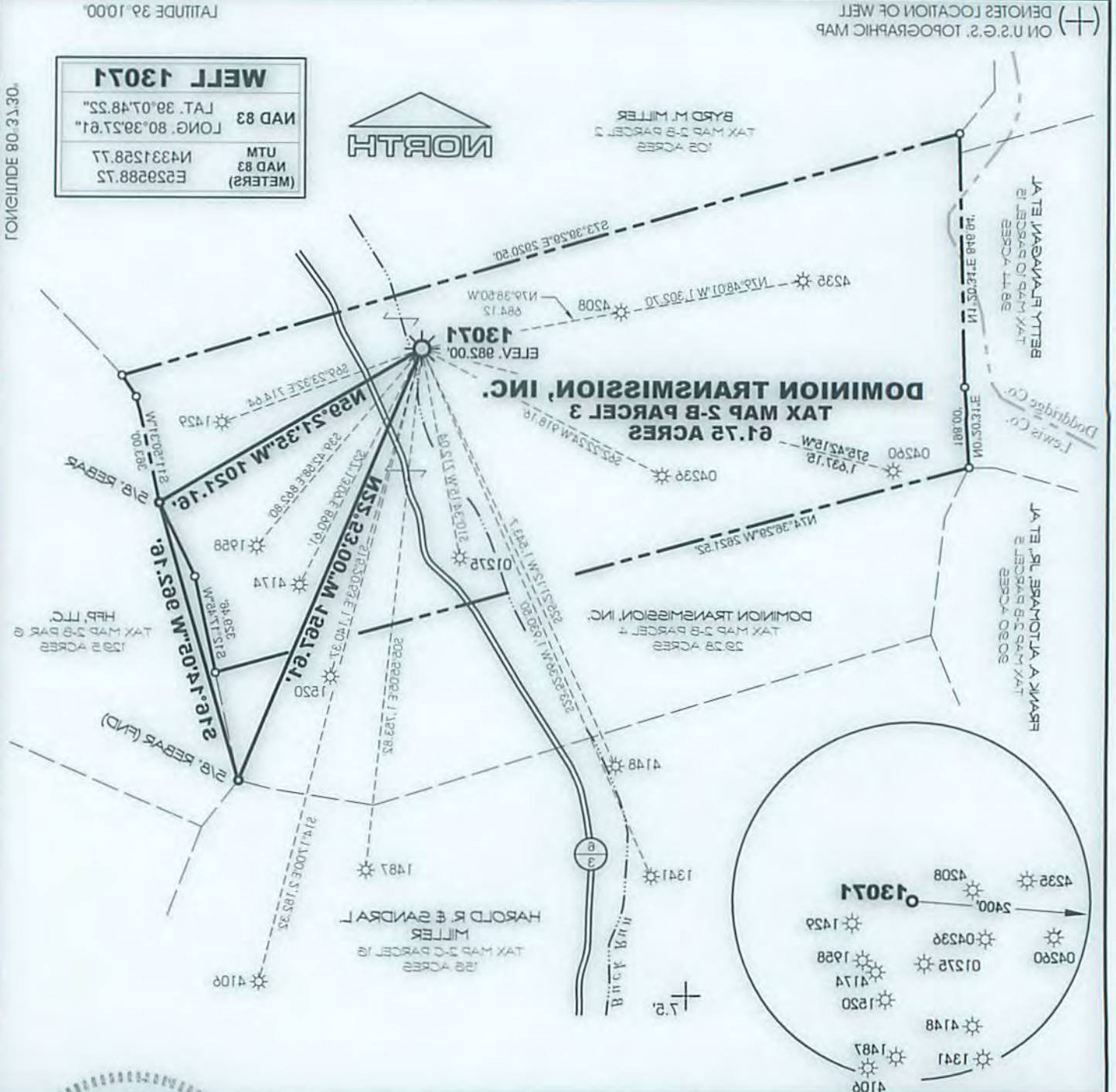
DATE FEBRUARY 24 2014
 OPERATOR'S WELL NO. 13071
 API WELL NO. 47
 COUNTY 041
 STATE WV
 PERMIT NO. 043059

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
OIL AND GAS DIVISION



WSS consultants, inc.
 FILE NO. 15-505-WellPlan-13071
 DRAWN BY RRC / MVS/LFL
 SCALE 1" = 500'
 MIN. DEGREE OF ACCURACY 1 IN 2500
 PROVEN SOURCE OF ELEVATION:
 DGPS (SUBMETER MAPPING GRADE)

(SIGNED) *Richard B. Castle*
 R.P.E. P.2. 864
 BY THE DEPARTMENT OF MINES AND REGULATIONS ISSUED AND PRESCRIBED AND THAT IT SHOWS ALL INFORMATION REQUIRED BY LAW AND REGULATIONS REQUIRING BY LAW CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAN IS

9.373

LATITUDE 39.1000

LONGITUDE 80.3130

13.318

041

PERMIT NO.

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



January 15, 2015
Project No.: 12-502

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

Received
Office of Oil & Gas
JAN 20 2015

**NOTICE OF APPLICATION TO PLUG AND ABANDON
API WELL NO.: 47-041-04305
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 13071, API Well No. 47-041-04305, Freemans Creek District, Lewis County, West Virginia.

The following information is provided for this Application to plug and abandon Dominion Well 13071, API Well No. 47-041-04305.

API No.	47-041-04305
Well Operator	Dominion Transmission, Inc.
Well Operator's Well Number	13071
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.

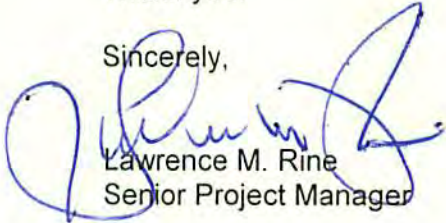
Should you have questions or need further information, please contact:

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

The permit to plug and abandon Well API-47-041-04305, Dominion Well 13071 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 29 2015

MSES 02/27/2015



4104305P

**Dominion Transmission, Inc
Existing Well 13071
Freemans Creek District, Lewis County, WV**

February 25, 2014

Water Well Locations

**Byrd M. Miller
352 Drew Creek Road
Naoma, WV 25140-9776**

N15°00'E 623 Feet

**Charles Freeland
Route 9 Box 203
Fairmont, WV 25140-9776**

N02°00'E 1764 Feet

Received
Office of Oil & Gas
JAN 20 2015

02/27/2015