



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: 47-4104235, 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 5
Farm Name: CAWTHON, ROBERT/GOMMELL
API Well Number: 47-4104235
Permit Type: Plugging
Date Issued: 02/26/2015

Promoting a healthy environment.

02/27/2015

DTI Well 13068 (47-041-04235) Plug and Abandon Procedure

Wellbore Configuration:

GL Elevation: 1166'

ELEV. 1130'

11-3/4" Csg set at 31' (cemented)

8-5/8" Csg set at 1132' (cemented w/300sx)

4-1/2" K-55 10.5# Csg set at 2603' (cemented w/330sx, TOC is 1460')

2-3/8" J-55 4.6# 10RD Tubing set at 2539' (center of packer at 2500')

Little Lime: 2108'-2130'

Big Lime: 2157'-2213' (perforations: 2197'-2200', 2207'-2212')

Big Injun: 2217'-2305' (perforations: 2241'-2244')

Gantz: 2542'-2562' (perforations: 2545'-2552')

Current Well TD: 2578'

CONC 730 - 734
 WATER 50', 530'
 SW 2570'

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 500' cement plug from 2578' to 2078', set retainer at 2445', squeeze and sting out of retainer. Spot 600' cement plug from 2078' to 1460'. 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.

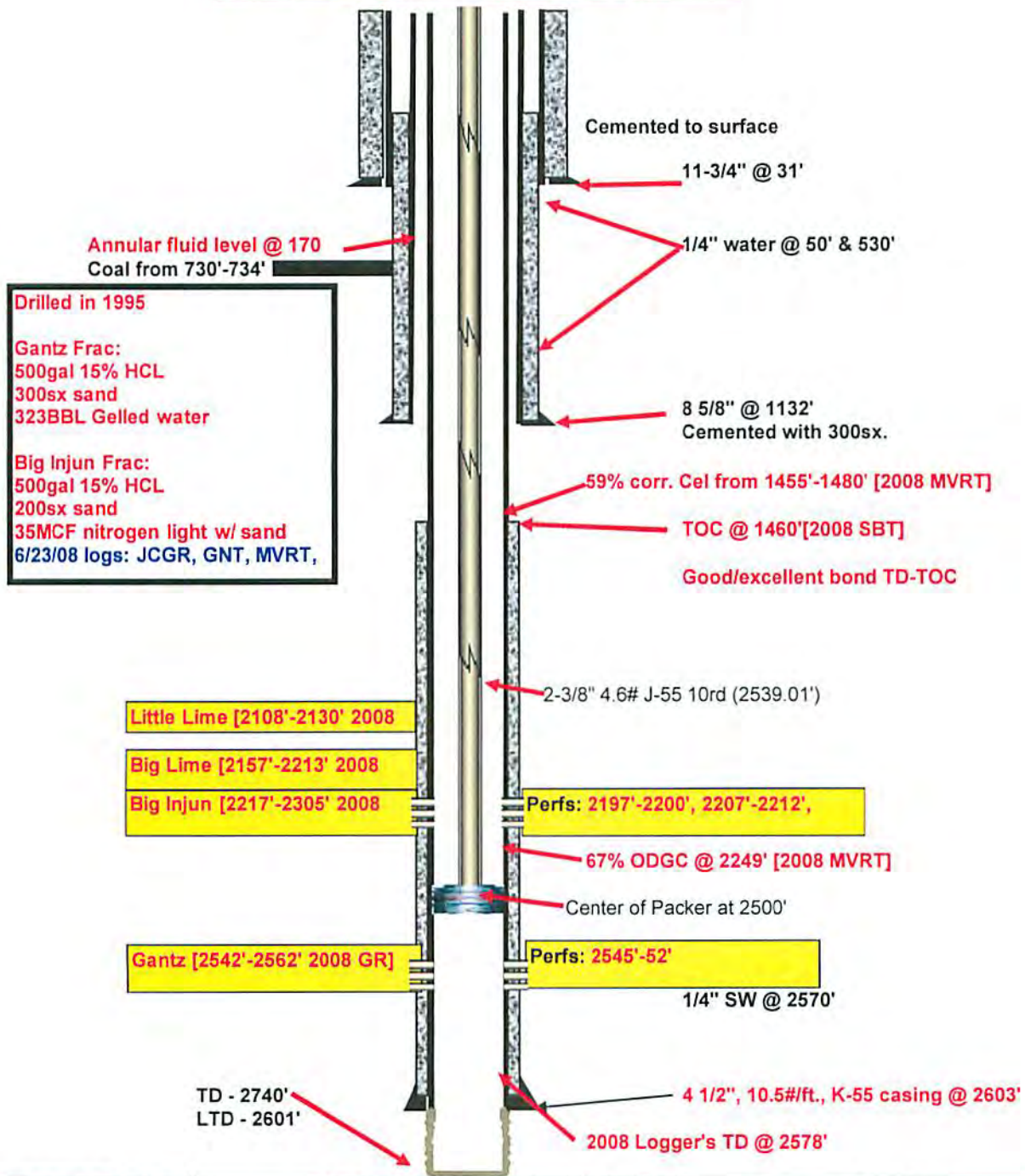
10. alt MIRU wireline and perforate casing/tubing per state inspector instructions.
11. alt TIH with tubing and plug well from 1460' to surface.
12. alt RDMO service rig, reclaim location and install surface monument.

Received
 Office of Oil & Gas

JAN 20 2015

4104235P

Well # 13068
DG-5 (DTI 41-4235)
 Permit # 47-041-04235
 GL: 1166'
 2008 Log Measuring Point = 1167'



Drilled in 1995

Gantz Frac:
 500gal 15% HCL
 300sx sand
 323BBL Gelled water

Big Injun Frac:
 500gal 15% HCL
 200sx sand
 35MCF nitrogen light w/ sand
 6/23/08 logs: JCGR, GNT, MVRT,

Little Lime [2108'-2130' 2008]
 Big Lime [2157'-2213' 2008]
 Big Injun [2217'-2305' 2008]

Gantz [2542'-2562' 2008 GR]

Well Name & Number:	DG-5 [DTI 41-4235]		Lease	Droppleman	
County or Parish:	Lewis	State/Prov.	WV	Country:	USA
Perforations: (MD)			(TD)	2740'	
Angle/Perfs	Angle @KOP and Depth				KOP TVD
BHP:	BHT:	Completion Fluid:			
FWHP:	FBHP:	FWHT:	FBHT:	Other:	
Date Completed:	03/17/95			RKB:	
Prepared By:	Jeff Renner/Dick Cross		Last Revision Date:	01/23/2012 (MEJ)	

Office of Oil & Gas
 JAN 20 2015

02/27/2015

WR-35

RECEIVED
WV Division of
Environmental Protection

APR 20 1995

API #: 47-041-04235

State of West Virginia
Division of Environmental
Protection

Permitting
Office of Oil & Gas Well Operator's Report of Well Work

Farm Name: DROPPLEMAN GANTZ Operator Well Number: 5 8-115

Elevation: 1166 Quadrangle: NEW MILTON

District: FREEMANS CREEK County: LEWIS
Latitude: 13050 Feet South of 39 Deg. 10 Min. 00.00 Sec.
Longitude: 10620 Feet West of 80 Deg. 37 Min. 30.00 Sec.

Company: BOWIE
P.O. Drawer 1430
Clarksburg, WV 26302-1430

Agent: Grover Bowie

Inspector: Tim Bennett

Permit Issued: 7/1/84

Well Work Commenced: 3/13/85

Well Work Completed: 3/17/85

Verbal Plugging Permission granted on:

Rotary: Cable: Rig

Total Depth (feet): 2735

Fresh Water Depths (ft): 60, 530

Salt Water Depths (ft): 2570

Casing and Tubing	Used in Drilling	Left in Well	Cement Fill Up in SKS
11 3/4	31	31	CTS
8 5/8	1132	1132	300
4 1/2	2603	2603	330

Is Coal Being Mined in the Area? (Y/N) No
Coal Depths (ft): 730-4

OPEN FLOW DATA

Producing formation: GANTZ INJUN Pay zone depth (ft): 2552-2580, 2202-2249
 Gas: Initial open flow: 327 MCF/day Oil: Initial open flow: NO SHOW BBL/day
 Final open flow: 650 MCF/day Final open flow: SHOW BBL/day
 Time of open flow between initial and final tests: 12 Hours
 Static Rock Pressure: 425 psig (surface pressure) after 24 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 WELLBORE.

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Office of Oil & Gas

JAN 20 2015

For: BOWIE

By: *Chris Bowie*
Date: 4-17-95

LEW 4235

02/27/2015

AP# 47-041-04235

Stage 1 Frac: (2552-2580) 20 HOLES, 600 GAL 15% HCL, 300 SKS SAND, 323 BBL GELLED H2O

Stage 2 Frac: (2200-2248) 24 HOLES, 600 GAL 15% HCL, 200 SKS SAND, 35 MCF N2 LIGHT WITH SAND

Stage 3 Frac:

Stage 4 Frac:

Stage 5 Frac:

	FORMATION	TOP	BOTTOM	COMMENT
1.	SAND & SHALE	0	730	14" H2O @ 60,630
2.	COAL	730	734	
3.	SAND & SHALE	734	2115	
4.	LITTLE LIME	2115	2129	
5.	SAND & SHALE	2129	2154	
6.	BIG LIME	2154	2218	
7.	INJUN	2218	2310	GAS SHOW
8.	SAND & SHALE	2310	2550	OIL ODOR
9.	GANTZ	2550	2690	14" NaCl H2O @ 2570
10.	SAND & SHALE	2690	2740	DTD GAS SHOW
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				

Received
Office of Oil & Gas
JAN 20 2015

4104235P

FORM WW-3(B) FILE COPY
(Obverse)
10/91

41-4235



- 1) Date _____, 19____
- 2) Operator's Well No. Drop-Gantz #5 B-115
- 3) SIC Code 1381
- 4) API Well NO. 47 State 041 County 04235 Permit
- 5) UIC Permit No. _____

STATE OF WEST VIRGINIA
NOTICE OF LIQUID INJECTION OR WASTE DISPOSAL WELL WORK PERMIT APPLICATION
for the
DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

- 6) WELL TYPE: Liquid injection _____ Gas injection (not storage) _____ Waste disposal X
- 7) LOCATION: Elevation: 1166' Watershed: _____
District: FREEMAN'S CREEK County: LEWIS Quadrangle: NEW MILTON
- 8) WELL OPERATOR BOWIE, INC. 9) DESIGNATED AGENT GROWER BOWIE
Address PO BOX 1430 Address P.O. BOX 1430
CLARKSBURG, WV 26302-1430 CLARKSBURG, WV 26302
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED
Name TIM BENNETT 11) DRILLING CONTRACTOR:
Address 737 KARL ST. Name _____
WESTON, WV 26452 Address _____
- 12) PROPOSED WELL WORK: Drill _____ / Drill deeper _____ / Redrill _____ / Stimulate _____
Plug off old formation _____ / Perforate new formation _____ / Convert _____
Other physical change in well (specify) _____
- 13) GEOLOGICAL TARGET FORMATION, GANTZ Depth 2535 feet(top) to 2554 feet(bottom)
- 14) Estimated depth of completed well, (or actual depth of existing well) 2603 ft.
- 15) Approximate water strata depths; Fresh, 50, 530 feet; salt, 2570 feet.
- 16) Approximate coal seam depths: 730-734
- 17) Is coal being mined in the area? Yes _____ / No X
- 18) Virgin reservoir pressure in target formation 600 psig. Source ROCK PRESSURE
- 19) Estimated reservoir fracture pressure 2400 SURF. / 2500 psig (BHFP) 3500
- 20) MAXIMUM PROPOSED INJECTION OPERATIONS: Volume per hour: 7.5 BPH Bottom hole pressure 2000#
- 21) DETAILED IDENTIFICATION OF MATERIALS TO BE INJECTED, INCLUDING ADDITIVES: _____

22) FILTERS (IF ANY): _____

23) SPECIFICATIONS FOR CATHODIC PROTECTION AND OTHER CORROSION CONTROL: Received
Office of Oil & Gas

24) CASING AND TUBING PROGRAM

JAN 20 2015

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS	
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		Kind	Size
Conductor	11 3/4		42	X		31	31	CTS		
Fresh water									Tension	Lock SET
Coal	8 5/8	J	24	X		1132	1132	300 sks		
Intermediate									2 3/8 x 4 1/2	
Production	4 1/2	J-55	10.5	X		-	2603	330 sks		
Tubing	2 3/8	J-55	2.7	X		-	2530	-		
Liners										
									Perforations:	
									Top	2542 Bottom 2550

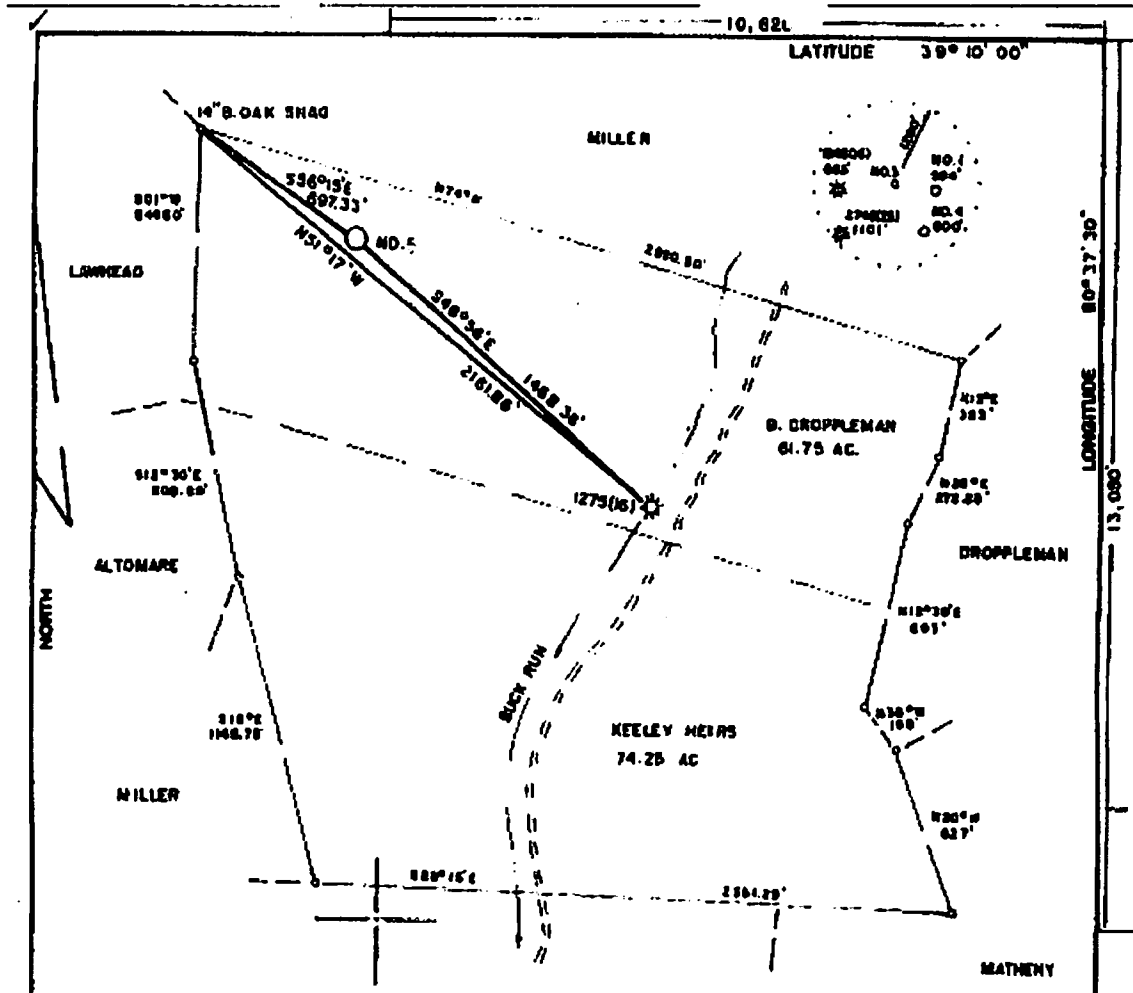
25) APPLICANT'S OPERATING RIGHTS were acquired from H. E. ACKER WELL SERVICE
by deed _____ / lease _____ / other contract X / dated _____, 19____, of record in the
County Clerk's office in _____ Book _____ at page _____

See the reverse side of the APPLICANT'S COPY for instructions to the well operator.

02/27/2015

File

4104235P



LAND SURVEYING SERVICES
21 CEDAR LANE
BRIDGEPORT, WV 26330
PHONE 304-868-2018

WELL REFERENCES:
N86°18'W, 113' TO 4" HICKORY
S46°W, 156' TO 8" HICKORY

(+) 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 KNOS 850 M.W.
OF LOCATION REV. 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 REGU-
LATIONS ISSUED AND PRESCRIBED BY THE DEPART-
MENT OF ENERGY.
SIGNED: *[Signature]*
R.P.E. _____ L.L.B. 875

PLACE SEAL HERE

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION

DATE FEBRUARY 16, 19 83
OPERATOR'S WELL NO. DROPPLEMAN NO. 5
API WELL NO. 47-041-4235

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

LOCATION: ELEVATION 1180 WATERSHED BUCK RUN
DISTRICT FREMANS CREEK COUNTY LEWIS
QUADRANGLE NEW BELTON 75 MIN.

SURFACE OWNER ROBERT J. CANTON & BENJAMIN CONNELL 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 2800'
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

Received

02/27/2015

4104235P

WW-4A
Revised 6-07

1) Date: March 4, 2014
2) Operator's Well Number
13068
3) API Well No.: 47 - 041 - 04235

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

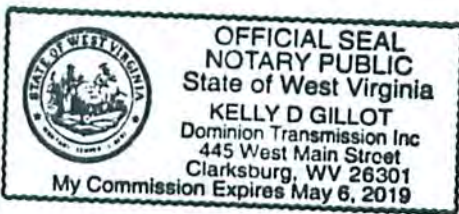
4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>Dominion Transmission, Inc.</u>	Name <u>Dominion Transmission, Inc.</u>
Address <u>445 West Main Street</u> <i>w</i>	Address <u>445 West Main Street</u> <i>w</i>
<u>Clarksburg, WV 26301</u>	<u>Clarksburg, WV 26301</u>
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name _____
	Address _____
(c) Name _____	Name _____
Address _____	Address _____
6) Inspector	(c) Coal Lessee with Declaration
Address <u>Barry Stollings</u>	Name _____
<u>28 Conifer Drive</u>	Address _____
<u>Bridgeport, WV 26330</u>	
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 *10/6/14*
 Its: Director of Storage
 Address 445 West Main Street
Clarksburg, WV 26301
 Telephone 304-624-8000

Received
Office of Oil & Gas

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

JAN 20 2015

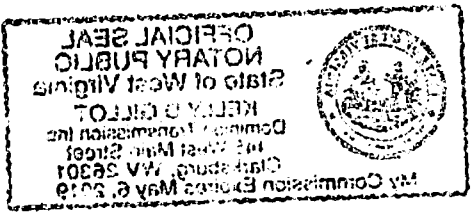
Oil and Gas Privacy Notice

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

ATTORNEY GENERAL'S OFFICE

STATE OF WEST VIRGINIA
IN SENATE
January 13, 1915
REPORT
OF THE
COMMISSIONERS OF THE LAND OFFICE
FOR THE YEAR
1914



SURFACE OWNER WAIVER

Operator's Well
Number

13068

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.

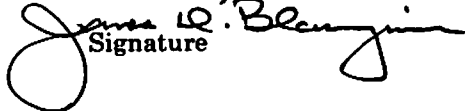
I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

FOR EXECUTION BY A NATURAL PERSON
ETC.

FOR EXECUTION BY A CORPORATION,

Signature **Received**
Office of Oil & Gas
JAN 20 2015

Date

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

4104235P

WW-4B

API No. 47-041-04235
Farm Name Dropleman
Well No. 13068

**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: 10/6/14

DOMINION TRANSMISSION, INC.
James D. Blasius
By: JAMES D. BLASIUS
Its DIRECTOR, GAS STORAGE

Received
Office of Oil & Gas
JAN 29 2015

02/27/2015

4104235A

WW-9
Rev. 5/08

Page _____ of _____
API Number 47 - 041 - 04235
Operator's Well No. 13068

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 1130.20' County Lewis District Freemans Creek

Description of anticipated Pit Waste: Cement returns

Will a synthetic liner be used in the pit? Yes 20 Mk.

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 Solidify on Site)

Proposed Work For Which Pit Will Be Used:
 Drilling Swabbing
 Workover Plugging
 Other (Explain _____)

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.

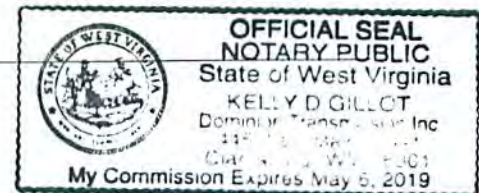
Company Official Signature James D. Blasingame
Company Official (Typed Name) James D. Blasingame
Company Official Title Director of Storage

Received
Office of Oil & Gas
JAN 20 2015

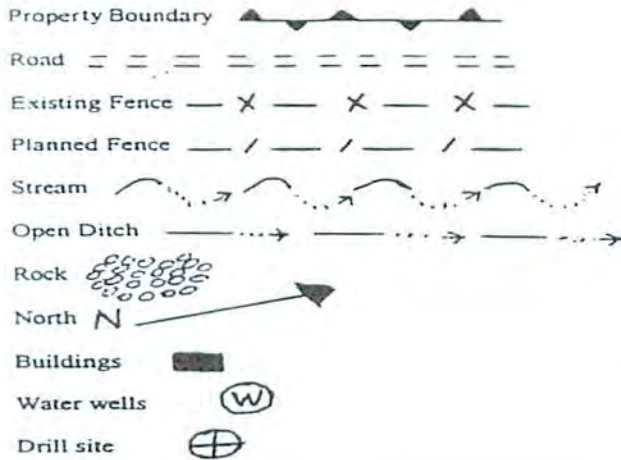
Subscribed and sworn before me this 22nd day of December, 202014

Kelly D. Gillot Notary Public

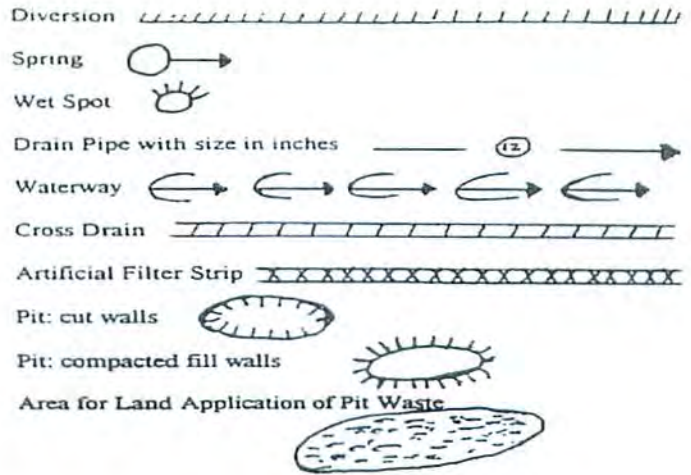
My commission expires May 6, 2019



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

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: Bang Sillip

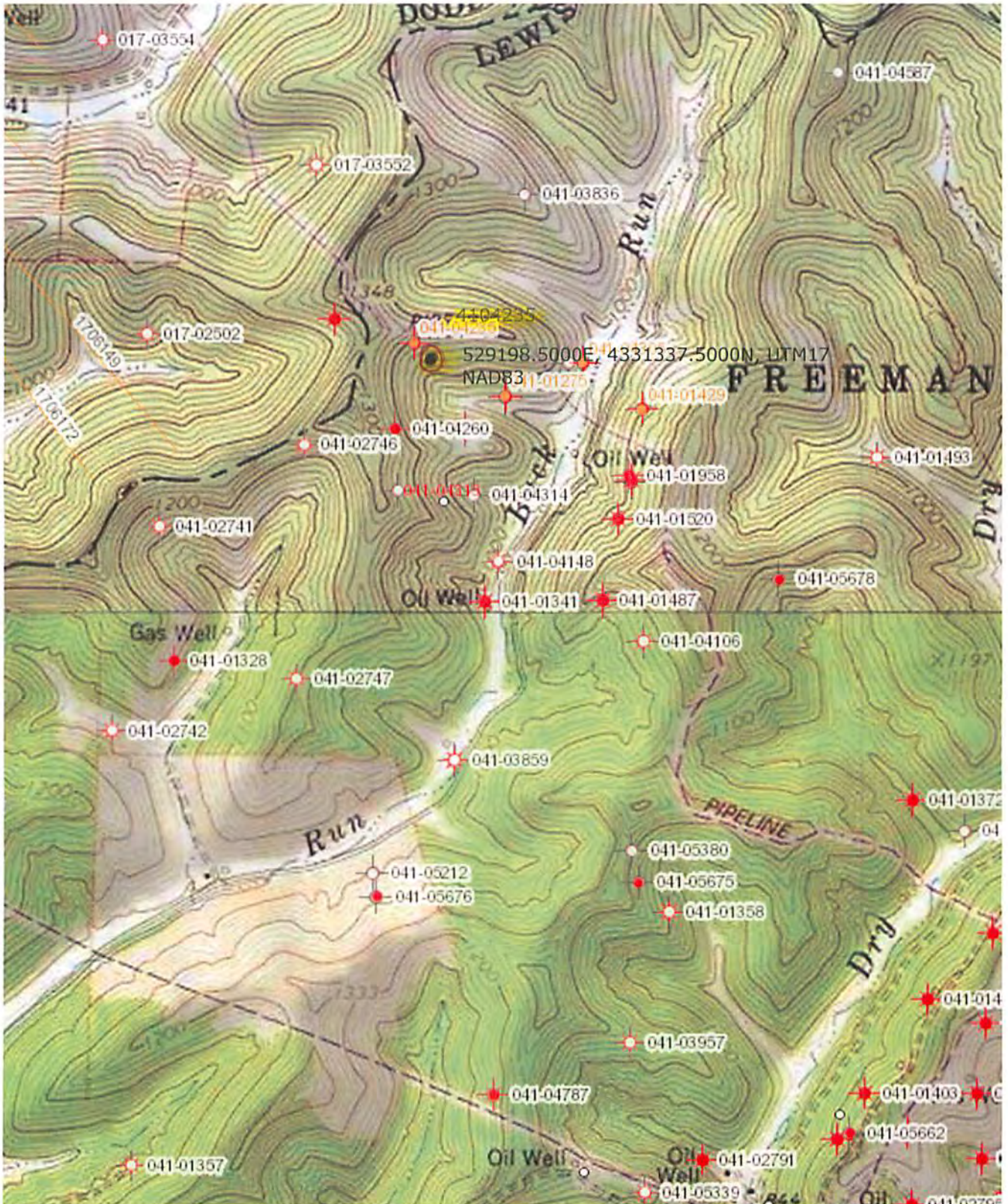
Comments: _____

Received
 Office of Oil & Gas
 JAN 20 2015

Title: inspector Date: 12-29-14

Field Reviewed? () Yes () No

4104235P



02/27/2015

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

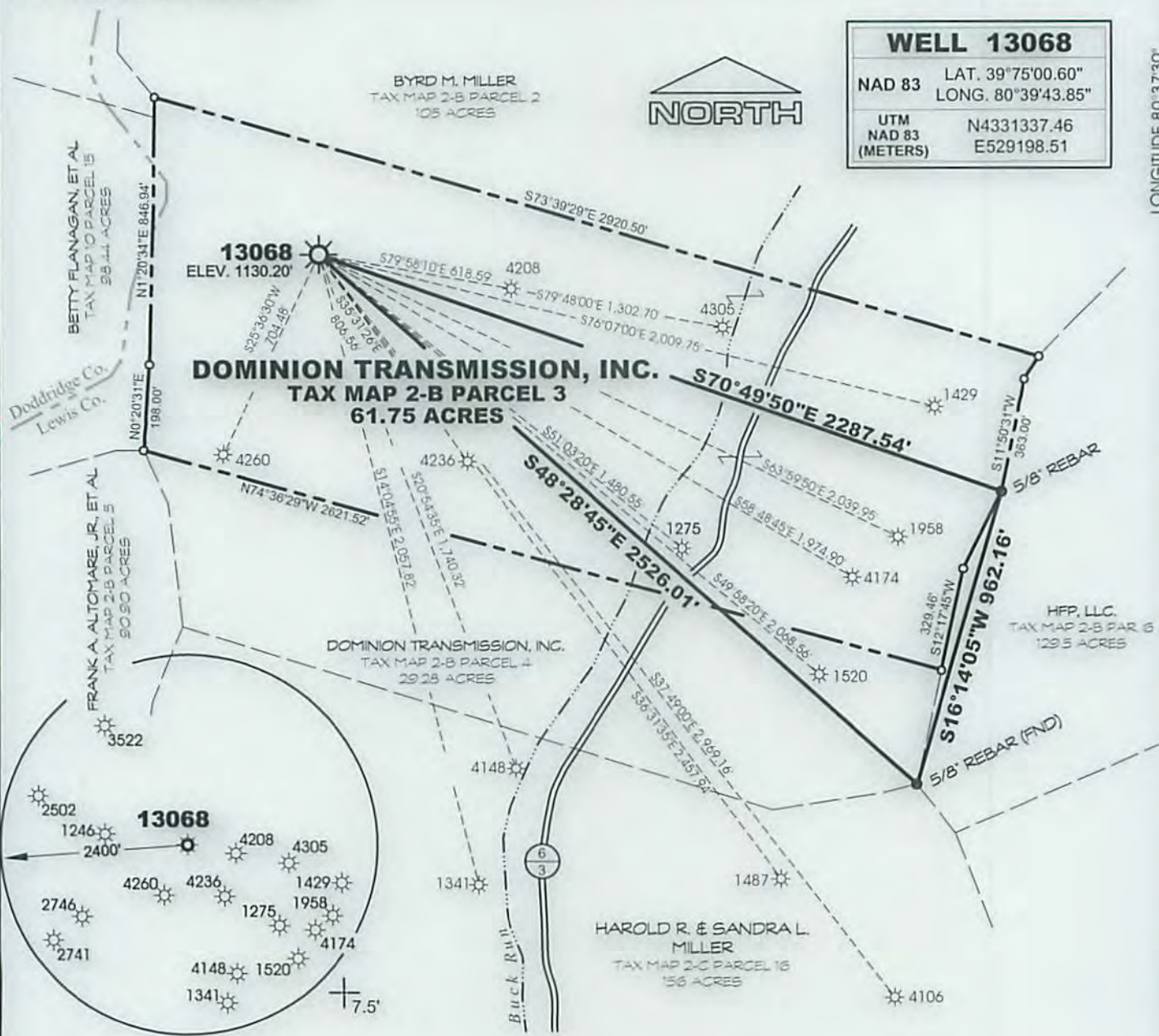
LATITUDE 39°10'00"

10,600'

LONGITUDE 80°37'30"

13,100'

WELL 13068	
NAD 83	LAT. 39°75'00.60" LONG. 80°39'43.85"
UTM NAD 83 (METERS)	N4331337.46 E529198.51



MSES consultants, inc.
 FILE NO. 12-502-WellPlat-01368
 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 R. Castel*
 R.P.E. P.S. 864

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
OIL AND GAS DIVISION

DATE MARCH 4 20 14
 OPERATOR'S WELL NO. 13068
 API WELL NO. 47 041 04235 P
 STATE COUNTY PERMIT NO.

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

LOCATION: ELEVATION 1,130.20' WATERSHED BUCK RUN OF FINK CREEK
 DISTRICT FREEMANS CREEK COUNTY LEWIS
 QUADRANGLE NEW MILTON NEAREST TOWN FINK

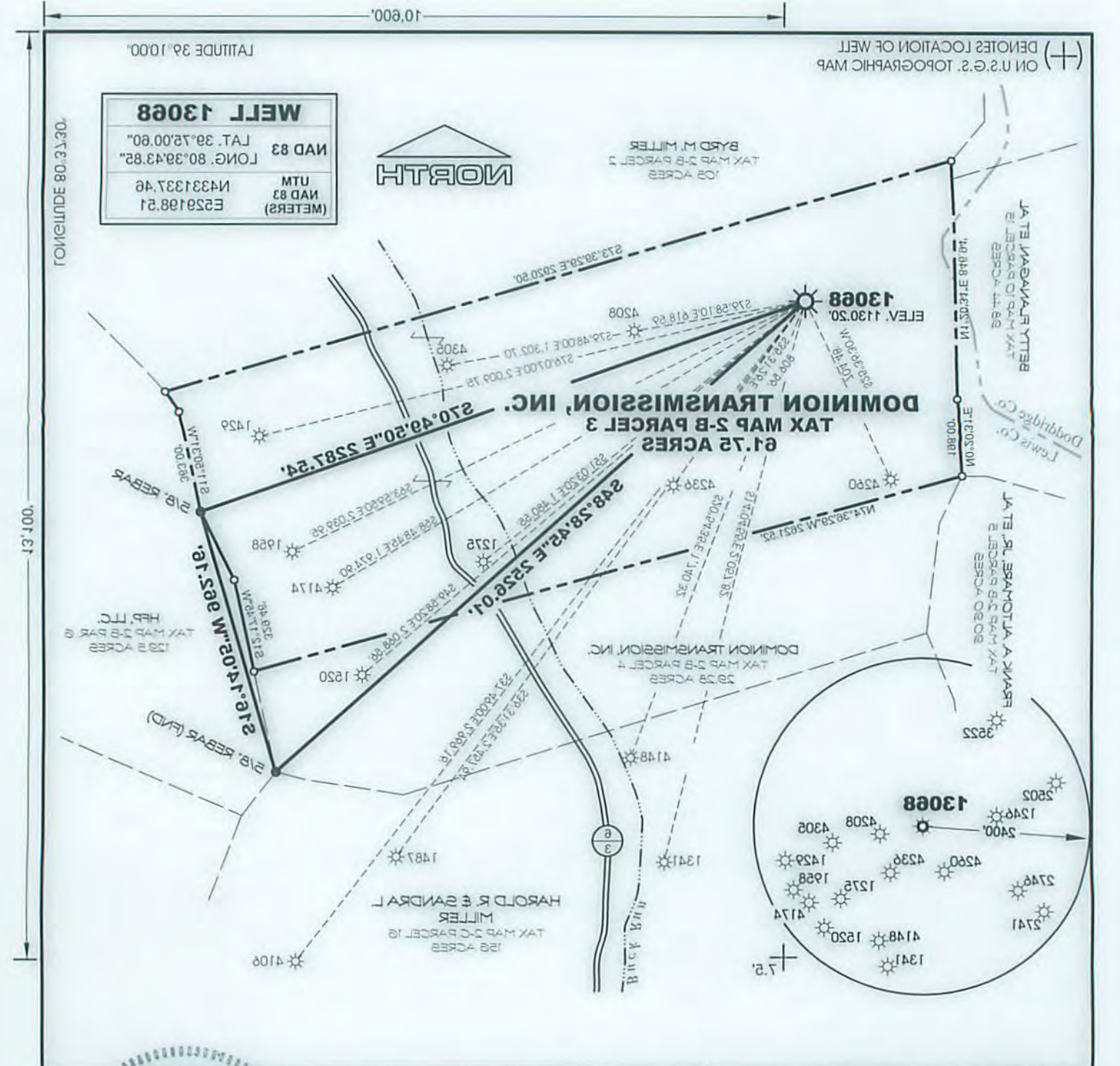
OIL & GAS ROYALTY OWNER DOMINION TRANSMISSION, INC. ACREAGE 61.75
 OIL & GAS ROYALTY OWNER DOMINION TRANSMISSION, INC. LEASE ACREAGE 61.75

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 2,740'
 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

02/27/2015

COUNTY **041**
 PERMIT NO.



W232 consultants, inc.
 FILE NO. 15-505-WellP14-01368
 DRAWN BY RRC / MVSJFL
 SCALE 1" = 500'
 MIN. DEGREE OF ACCURACY 1 IN 2500
 PROVEN SOURCE OF ELEVATION:
 DGPS (SUBMETER MAPPING GRADE)

(SIGNED) *Richard R. Castee*
 R.P.E. P.S. 864
 BY THE DEPARTMENT OF MINES
 AND REGULATIONS ISSUED AND PRESCRIBED
 AND THAT IT SHOWS ALL INFORMATION REQUIRED BY LAW
 CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.
 I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAN IS
 RICHARD R. CASTEE
 LICENSED PROFESSIONAL SURVEYOR
 STATE OF WEST VIRGINIA
 No. 684

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
OIL AND GAS DIVISION



DATE MARCH 4 2014
 OPERATOR'S WELL NO. 13068
 API WELL NO. 47
 STATE WEST VIRGINIA
 COUNTY FINK
 PERMIT NO. 04535 P

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

LOCATION: ELEVATION 1,130.50'
 DISTRICT FREEMANS CREEK
 QUADRANGLE NEW MILTON
 SURFACE OWNER DOMINION TRANSMISSION, INC.
 OIL & GAS JOINTLY OWNED BY DOMINION TRANSMISSION, INC.

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

TARGET FORMATION GANTS
 WELL OPERATOR DOMINION TRANSMISSION, INC.
 ADDRESS 445 WEST MAIN STREET
 CLARKSBURG, WV 26301
 DESIGNATED AGENT MR. JAMES D. BLASINGAME
 ADDRESS 445 WEST MAIN STREET
 CLARKSBURG, WV 26301
 ESTIMATED DEPTH 5,740'

NEAREST TOWN FINK
 COUNTY LEWIS
 WATERSHED BUCK RUN OF FINK CREEK

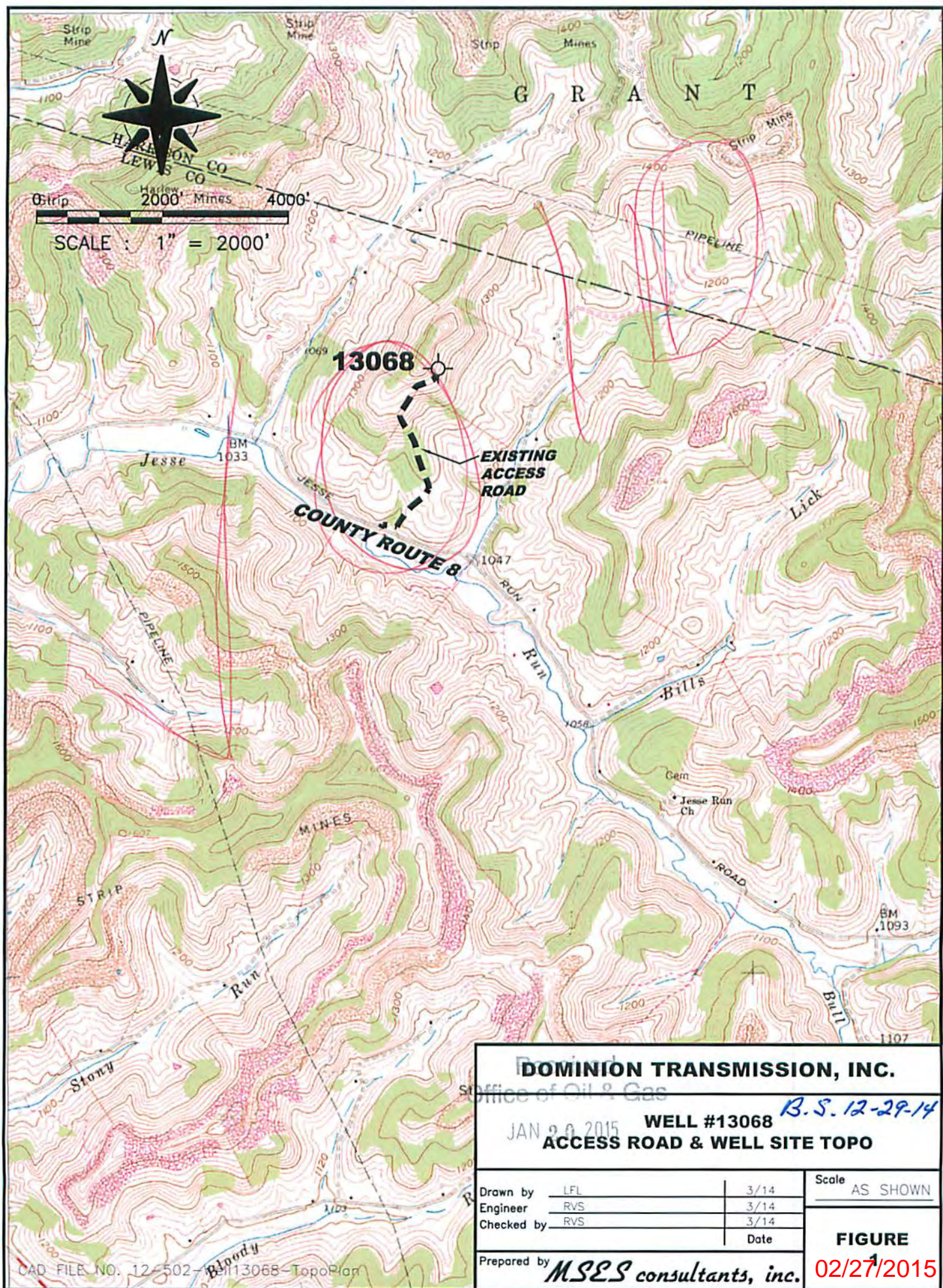
LEASE NO. _____
 LEASE ACREAGE 61.75
 ACREAGE 61.75

02/27/2015

041

PERMIT NO.

041 M5103



DOMINION TRANSMISSION, INC.
 Office of Oil & Gas

JAN 20 2015 WELL #13068 *B.S. 12-29-14*
ACCESS ROAD & WELL SITE TOPO

Drawn by	LFL	3/14	Scale AS SHOWN
Engineer	RVS	3/14	
Checked by	RVS	3/14	FIGURE 02/27/2015
		Date	
Prepared by	<i>MSES consultants, inc.</i>		



January 15, 2015
Project No.: 12-502

Received
Office of Oil & Gas
JAN 20 2015

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

NOTICE OF APPLICATION TO PLUG AND ABANDON
API WELL NO.: 47-041-04235
DOMINION TRANSMISSION, INC.

CK 40526
\$100.00

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 13068, API Well No. 47-041-04235, Freemans Creek District, Lewis County, West Virginia.

The following information is provided for this Application to plug and abandon Dominion Well 13068, API Well No. 47-041-04235.

API No.	47-041-04235
Well Operator	Dominion Transmission, Inc.
Well Operator's Well Number	13068
Plugging Application Forms	
WW-4A	Completed/Enclosed/Signed
WW-4B	Completed/Enclosed/Signed by Inspector
Surface Owner Waiver	Completed/Enclosed/Signed
Drinking Water Wells	One Water Well Found Within 2,000' of Well to be Plugged. Water well 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/Pit Solids Solidified On-Site/ 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	\$100.00 Check Enclosed

Permit Application Section

- 2 -

January 15, 2015

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

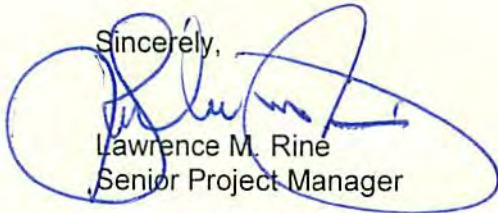
Should you have questions or need further information, please contact:

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

The permit to plug and abandon Well API-47-041-04235, Dominion Well 13068 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

MSES 02/27/2015

4104235A

Dominion Transmission, Inc
Existing Well 13068
Freemans Creek District, Lewis County, WV

March 4, 2014

Water Well Locations

Charles Freeland & Donald Thompson
Route 9, Box 203
Fairmont, WV 26554-8547

N70°00'E

Received
Office of Oil & Gas
JAN 23 2015

02/27/2015