



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

May 30, 2014

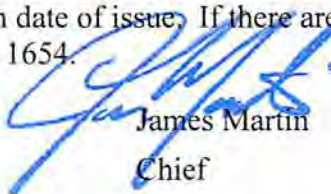
WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-4104174, 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: 13067 (DROPPLEMAN/BENSON 2
Farm Name: DOMINION TRANSMISSION, INC
API Well Number: 47-4104174
Permit Type: Plugging
Date Issued: 05/30/2014

PERMIT CONDITIONS

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

CONDITIONS

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.
4. This well is under a consent order and must be plugged within two years of the date of issuance of this permit.

4164174P

WW-4B
Rev. 2/01

1) Date March 4, 2014
2) Operator's Well No. 13067
3) API Well No. 47-041-04174

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 ___ or Underground storage ___) Deep ___ / Shallow X

5) Location: Elevation 1122.75' 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
MAR 10 2014

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 4-28-14

05/30/2014

DTI Well 13067 (47-041-04174) Plug and Abandon Procedure**Wellbore Configuration:**

GL Elevation: 1116'
 11-3/4" Casing set at 28'
 8-5/8" 24# Casing set at 1326' (Cemented with 350sx)
 4-1/2" 10.5# Casing set at 5109' (Cemented w/ 360sx)
 TOC behind 4-1/2" casing is 3040'
 Baker Retrievable Bridge Plug set at 4909'

Formations from Well Record:

Little Lime: 2092'- 2110'
 Big Lime: 2138'- 2193'
 Big Injun: 2196'- 2287'
 Gantz: 2518'-2545'
 Benson: 4966'-4988'
 Current Well TD: 4984'

Procedure:

1. Complete One Call prior to well site construction.
2. Install E&S controls per plan.
3. MIRU service rig and equipment, Nipple up and pressure test BOP.
4. Blow well down to tank/Kill well with fluid if required.
5. Recover Baker Retrievable plug @ 4909' per Baker Procedure.
6. TIH with tubing to TD and plug well with Class A cement from 4984' to 3050'.
7. WOC 8 hrs, RIH with sand line to tag and confirm cement plug depth.
8. Attempt to cut and pull 4-1/2" casing from around 3000'. (if unsuccessful go to **Scenario B**)
9. TIH w/ tubing and plug well from 3100' to 1300' with class A cement.
10. Attempt to cut and pull 8-5/8" casing.
11. If successful, plug well to surface with Class A cement.
12. If unsuccessful, perforate gas zones and cement well to surface with Class A cement.
13. 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 4-1/2" csg per state inspector instructions.
11. alt TIH w/ tubing and plug well from 3050' to surface with class A cement.
12. alt RDMO service rig, reclaim location and install surface monument.

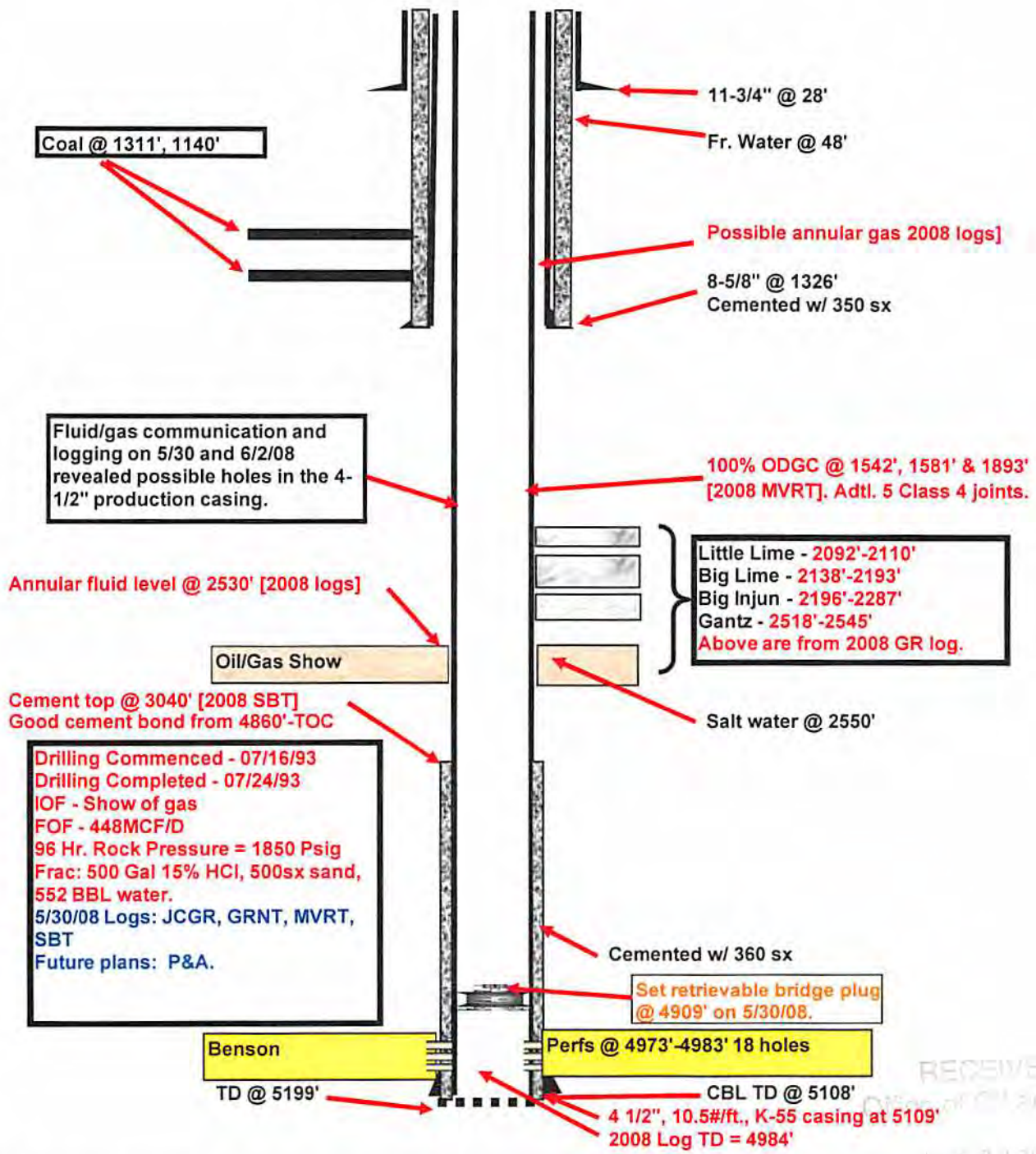
DTI Well 13067
 Casing and Gas

47-041-04174

State Department of
 Natural Resources

4104174A

Well # 13067
DB-2 (DTI 41-4174)
 Permit # 47-041-04174
 GL: 1116'
 2008 Log Measuring Point - 1119'



RECEIVED
 Division of Oil and Gas
 May 20 2014

Well Name & Number:		DB-2 [41-4174]		Lease	Robert J. Cawthon & Ben Gommell [surface]		
County or Parish:		Lewis	State/Prov.	WV	Country:	USA	
Perforations: (MD)					(TD)	5199'	
Angle/Perfs	Angle @KOP and Depth					KOP TVD	
BHP:	BHT:	Completion Fluid:					
FWHP:	FBHP:	FWHT:	FBHT:			Other:	
Date Completed:						RKB:	
Prepared By:		Dick Cross		Last Revision Date:		06/26/08	

05/30/2014

4104174P

WR-26
Environmental Protection
EP 2393
Permitting
Office of Oil & Gas

14-Jul-93
API # 47- 41-04174

State of West Virginia
Division of Environmental Protection
Section of Oil and Gas

Well Operator's Report of Well Work

B100

Farm name: CANTON, ROB'T J. ETAL. Operator Well No.: DROPLMN/BENSN#2

LOCATION: Elevation: 1,116.00. Quadrangle: NEW MILTON

District: FREEMANS CREEK County: LEWIS
Latitude: 14080 Feet South of 39 Deg. 10Min. Sec.
Longitude 8980 Feet West of 80 Deg. 37 Min. 30 Sec.

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

Agent: WILLIAM H. BOWIE

Inspector: TIM BENNETT
Permit Issued: 07/14/93
Well work Commenced: 07/16/93
Well work Completed: 07/24/93
Verbal Plugging
Permission granted on: 07/14/93
Rotary Cable _____ Rig _____
Total Depth (feet) 5199
Fresh water depths (ft) _____
48
Salt water depths (ft) _____
2550
Is coal being mined in area (Y/N)? _____
Coal Depths (ft): 1311-1140

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
11 3/4	28'	-	-
8/ 5/8	1326'	1326'	350aks
4/ 1/2	5109'	5109'	360aks

OPEN FLOW DATA

Producing formation Benson Pay zone depth (ft) 4984-4986
Gas: Initial open flow show MCF/d Oil: Initial open flow N/A Bbl/d
Final open flow 448 MCF/d Final open flow N/A Bbl/d
Time of open flow between initial and final tests 8 Hours
Static rock Pressure 1850 psig (surface pressure) after 96 Hours

Second producing formation _____ Pay zone depth (ft) _____
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow _____ MCF/d Final open flow _____ Bbl/d
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.

RECEIVED
MAY 30 1993
MAY 30 1993
MAY 30 1993

For: BOWIE, INC.

Reviewed: TMB
Recorded: _____

By: W. H. Bennett
Date: 7/13/93

Production

05/30/2014

Exploration Partners TEL:1-304-842-8786 Aug 12.93 9:09 No.002 P.02

TO: SKIP

From: Brad

FORM XV-88
(REVERSE)

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

(4924-4994) shale, 500 gal 15% HCl, 500 sacks SAND, 552 GAL H₂O

WELL LOG

FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS including indication of all fresh and salt water, coal and gas
SAND	0	44	
SAND & shale	44	285	1/4" H ₂ O @ 44'
SAND	285	380	
SAND & shale	380	1131	
Coal & shale	1131	1140	
SAND & shale	1140	2010	
L. Lime	2010	2112	
Shale	2112	2131	
B. Lime	2131	2208	
B. Sand	2208	2287	
Shale	2287	2623	
GRAVEL	2623	2560	oil & gas show
Shale	2560	3002	
Shale & sand	3002	3692	
SAND	3692	4992	
Sand & shale	4992	5010	GAS SHOW
Benson	5010	5199	DTO
Shale			

1551

RECEIVED
Exploration Partners
Aug 12 1993
Exploration Partners

4104174P

SURFACE OWNER WAIVER

Operator's Well
Number

13067

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,

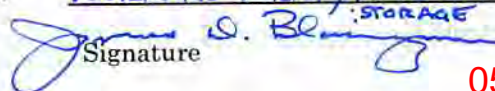
Signature

Date

Name DOMINION TRANSMISSION CORP.

By JAMES D. BLASINGAME

Its DESIGNATED AGENT, DIRECTOR GAS STORAGE Date 4/14/14

 Signature Date 4/14/14

05/30/2014

WW-4B

4104174A

API No.	<u>47-041-04174</u>
Farm Name	<u>Dropleman</u>
Well No.	<u>13067</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.

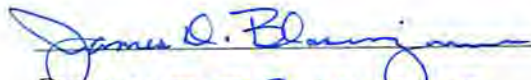
This notice and application is given to you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not the operator will proceed to plug and fill said well in the manner required by Section 24,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

05/30/2014

4104174A

WW-4A
Revised 6-07

1) Date: March 4, 2014
2) Operator's Well Number
13067

3) API Well No.: 47 - 041 - 04174

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

CK 40035
100.00

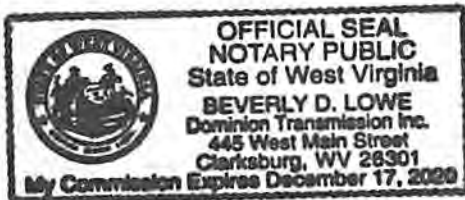
4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>Dominion Transmission, Inc. W</u>	Name <u>Dominion Transmission, Inc. W</u>
Address <u>445 West Main Street</u>	Address <u>445 West Main Street</u>
<u>Clarksburg, WV 26301</u>	<u>Clarksburg, WV 26301</u>
(b) Name _____	(b) Coal Owner(s) 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 reverse 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 4/14/14
 Its: Director of Storage
 Address 445 West Main Street
Clarksburg, WV 26301
 Telephone 304-624-8000

RECEIVED
Office of Oil and Gas
Department of Environmental Protection

Subscribed and sworn before me this 14th 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.

05/30/2014

4104174 A

WW-9
Rev. 5/08

Page _____ of _____
API Number 47 - 041 - 04174
Operator's Well No. 13067

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 1122.75 County Lewis District Freemans Creek

Description of anticipated Pit Waste: Cement returns

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

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
- 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 Director of Storage

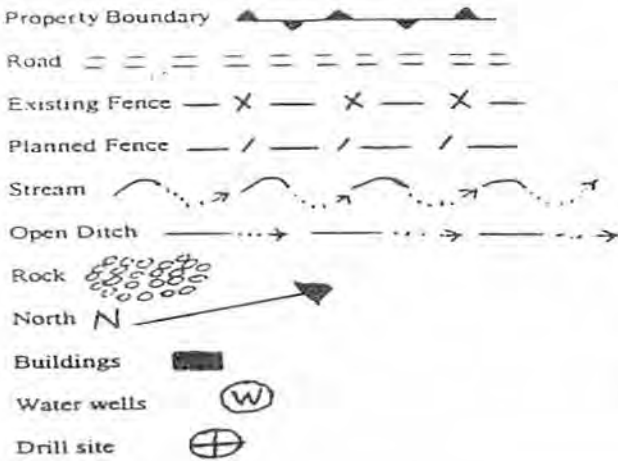
Subscribed and sworn before me this 14th day of April, 2014

Beverly D. Lowe

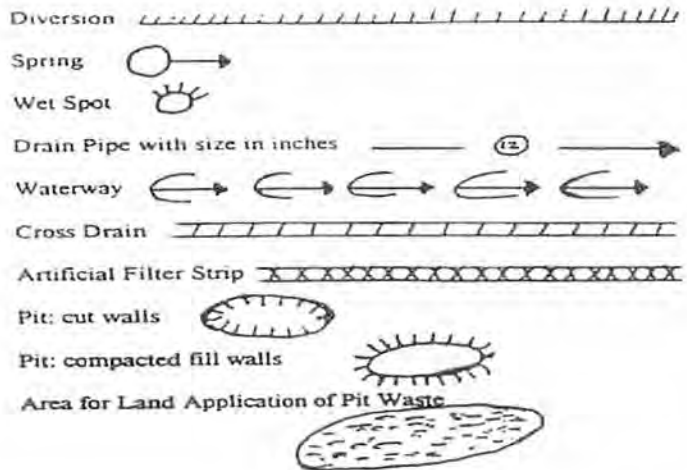
My commission expires December 17, 2020



4104174A



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

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

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

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: Barry Stillip

Comments: _____

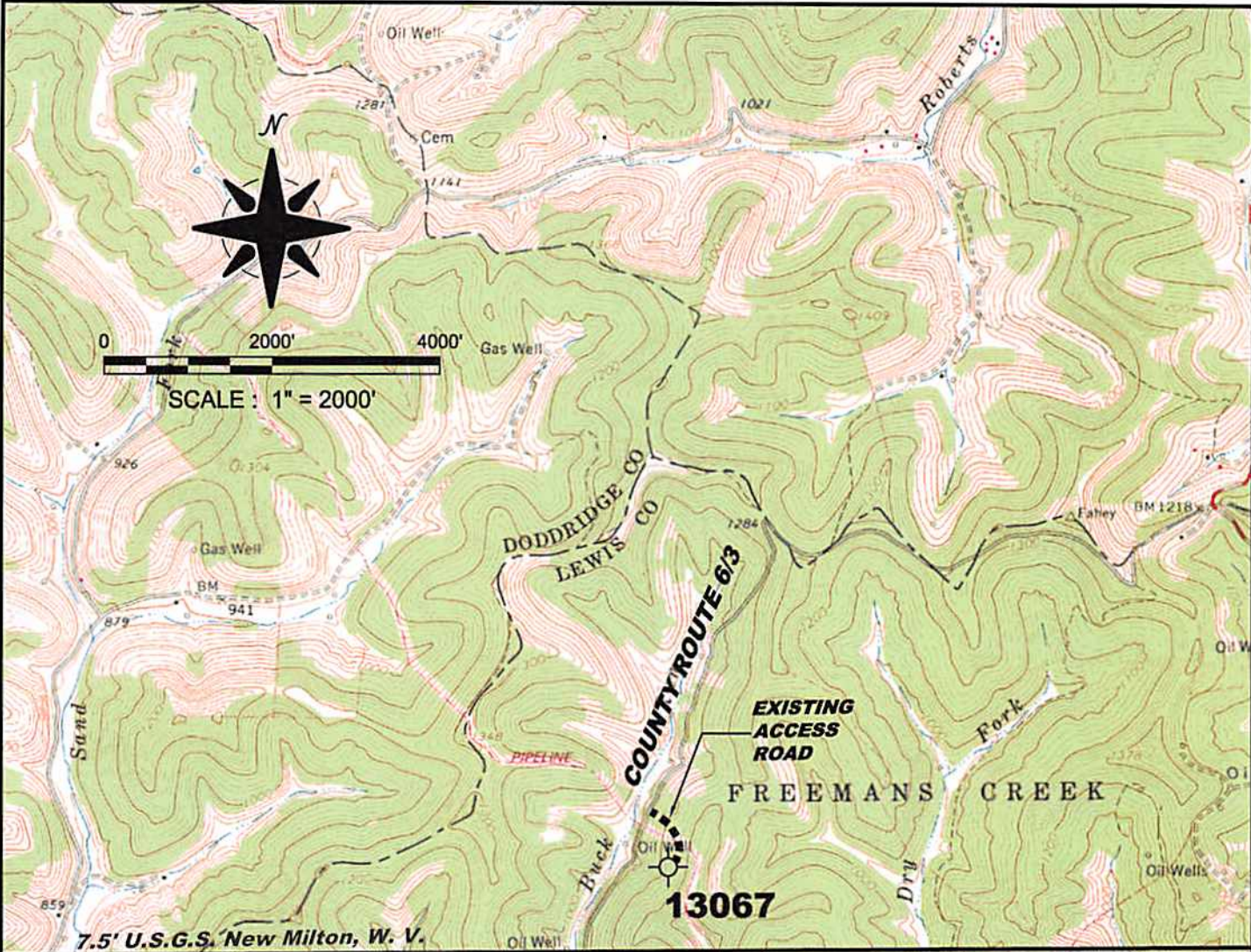
Title: inspector

Date: 4-28-14

Field Reviewed? () Yes () No

RECEIVED
 District Gas
 May 03 2014
 Equal Protection

4104174P



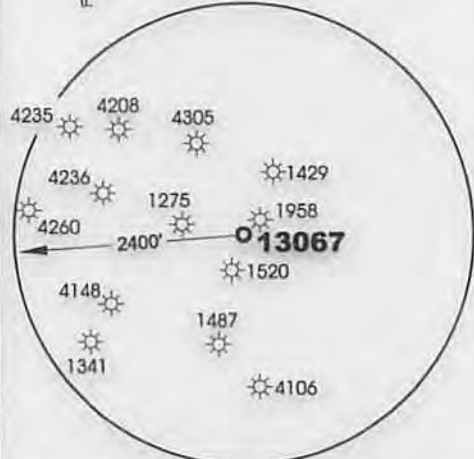
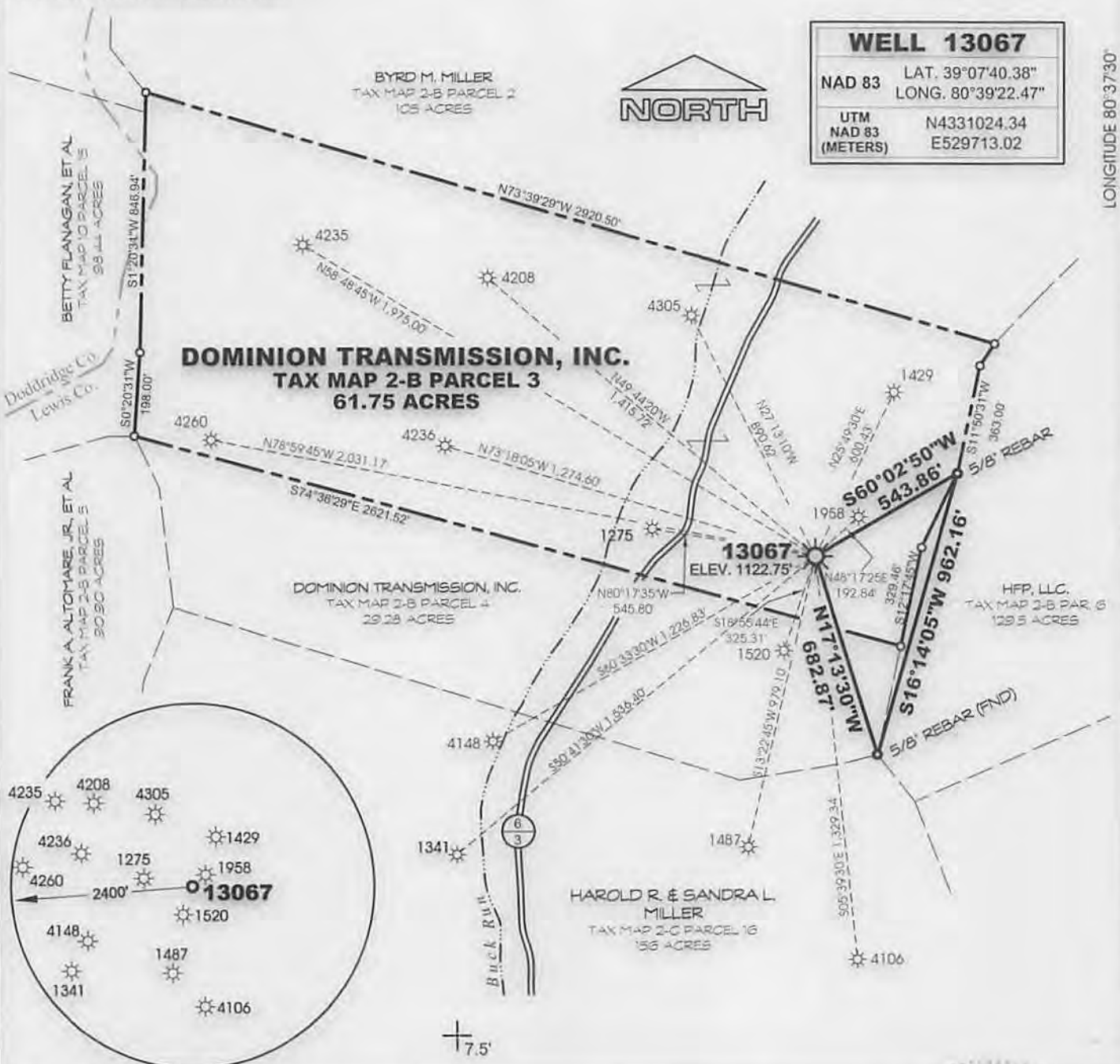
DOMINION TRANSMISSION, INC.		
WELL #13067 <i>B.S. 4-28-14</i> ACCESS ROAD & WELL SITE TOPO		
Drawn by	LFL	3/14
Engineer	RVS	3/14
Checked by	RVS	3/14
		Date
Prepared by		MSES consultants, inc.
		Scale AS SHOWN
		FIGURE
		05/30/2014

CAD FILE NO: 12-502-Well13067-TopoPlan

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

LATITUDE 39°10'00"

WELL 13067	
NAD 83	LAT. 39°07'40.38" LONG. 80°39'22.47"
UTM NAD 83 (METERS)	N4331024.34 E529713.02



MSES consultants, inc.

FILE NO. 12-502-WellPlat-13067
 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. Castiel*
 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. 13067

API WELL NO.

47 **041** **04174P**
 STATE COUNTY PERMIT NO.

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

LOCATION: ELEVATION 1122.75' 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

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

05/30/2014

TARGET FORMATION BENSON ESTIMATED DEPTH 5199'
 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



609 West Main Street • P.O. Drawer 190 • Clarksburg, WV 26302-0190
304.624.9700 • 304.622.0981 • 304.842.3325 • <http://www.msesinc.com>
Office Fax 24 Hour World Wide Web

April 29, 2014
Project No. 12-502

West Virginia Department of Environmental Protection
Office of Oil and Gas
601 57th St SE
Charleston, WV 25304-2345

PERMIT APPLICATION 13067
DOMINION TRANSMISSION, INC.

Dear Sirs,

On behalf of our client, Dominion Transmission, Inc., please find enclosed the permit application for Dominion Well 13067.

Please review the permit applications and upon approval, please return the executed permits to:

Mr. Matt Goralczyk
Dominion Transmission, Inc.
445 West Main Street
Clarksburg, WV 26301-2843

Should you have any questions or if I may be of assistance, please don't hesitate to call.

Sincerely,

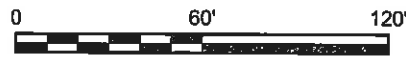
Vince Straley
Field Coordinator

File: 13067-1

RECEIVED
OFFICE OF OIL AND GAS
MAY 23 2014

DEPARTMENT OF ENVIRONMENTAL PROTECTION

4104174P



SCALE: 1" = 60'

Freemans Creek District
Lewis County
West Virginia

LEGEND

- EXISTING TREELINE
- PROPOSED TREELINE
- EXISTING DITCH
- EXISTING DITCH TO BE REGRADED
- PROPOSED DITCH
- 1150 EXISTING CONTOUR IN AREA TO REMAIN AS GRADED
- 1150 EXISTING CONTOUR IN AREA TO BE REGRADED
- 1150 PROPOSED CONTOUR
- PROPOSED RIPRAP APRON AT DISCHARGE OUTLET
- PROPOSED SILT FENCE / COMPOST FILTER SOCK

NOTES

ACCESS TO THE WELL SITE IS TO BE GAINED USING AN EXISTING APPROACH OFF OF LEWIS CO. RT. 6/3. FROM THAT POINT, APPROXIMATELY 520' OF EXISTING ACCESS ROAD TO DOMINION WELL 13067 IS TO BE UTILIZED & UPGRADED AS NEEDED.

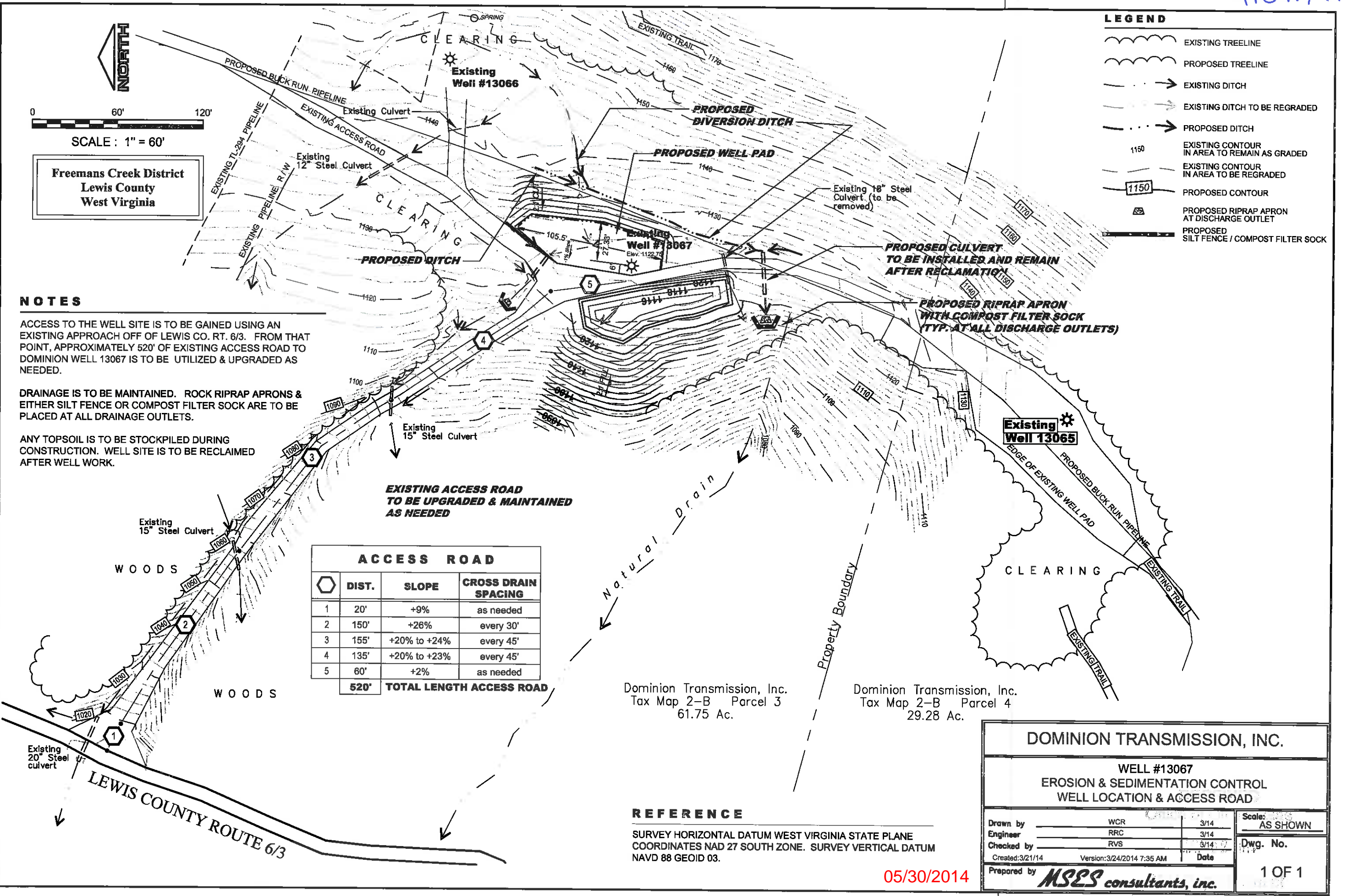
DRAINAGE IS TO BE MAINTAINED. ROCK RIPRAP APRONS & EITHER SILT FENCE OR COMPOST FILTER SOCK ARE TO BE PLACED AT ALL DRAINAGE OUTLETS.

ANY TOPSOIL IS TO BE STOCKPILED DURING CONSTRUCTION. WELL SITE IS TO BE RECLAIMED AFTER WELL WORK.

ACCESS ROAD			
STATION	DIST.	SLOPE	CROSS DRAIN SPACING
1	20'	+9%	as needed
2	150'	+26%	every 30'
3	155'	+20% to +24%	every 45'
4	135'	+20% to +23%	every 45'
5	60'	+2%	as needed
520'		TOTAL LENGTH ACCESS ROAD	

Last saved: Wayne Rainhart 3/24/2014 7:34 AM Created: 3/21/2014 10:47 AM

F:\On-going\Projects\12-502 Dominion 2013 Well Permitting\12-502 INDIVIDUAL WELLS\Well 13067 Freemans Creek - Lewis\13067 Drafting\12-502 Well 13067 E&S REVISED 2014-3-19.dwg, 3/24/2014 7:35:19 AM, Wayne Rainhart, DWG To PDF.pc3



Dominion Transmission, Inc.
Tax Map 2-B Parcel 3
61.75 Ac.

Dominion Transmission, Inc.
Tax Map 2-B Parcel 4
29.28 Ac.

REFERENCE

SURVEY HORIZONTAL DATUM WEST VIRGINIA STATE PLANE
COORDINATES NAD 27 SOUTH ZONE. SURVEY VERTICAL DATUM
NAVD 88 GEOID 03.

05/30/2014

DOMINION TRANSMISSION, INC.

WELL #13067
EROSION & SEDIMENTATION CONTROL
WELL LOCATION & ACCESS ROAD

Drawn by	WCR	3/14	Scale: AS SHOWN
Engineer	RRC	3/14	
Checked by	RVS	3/14	Dwg. No. 1 OF 1
Created: 3/21/14	Version: 3/24/2014 7:35 AM	Date	
Prepared by	MSES consultants, inc.		