



**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

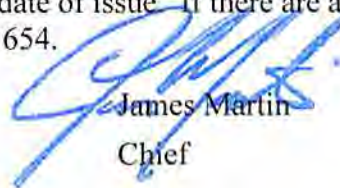
**WELL WORK PLUGGING PERMIT**

**Plugging**

This permit, API Well Number: 47-4101487, 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: 13064 (2)  
Farm Name: MILLER, HAROLD R. & SANDRA  
**API Well Number: 47-4101487**  
**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

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

1) Date March 12, , 2014  
2) Operator's  
Well No. 13064  
3) API Well No. 47-041 - 01487

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 1160.85' Watershed Buck Run of Fink Creek  
District Freemans Creek County Lewis Quadrangle New Milton, WV 7.5'

6) Well Operator Dominion Transmision, Inc. 7) Designated Agent 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  
Oil and Gas

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

**DTI Well 13064 (47-041-01487) Plug and Abandon Procedure****Wellbore Configuration:**

GL Elevation: 1231'

4-1/2" 10.5# Casing set at 2548' (cemented w/ 60sx per well record)

8-5/8" 24#? Casing (60' left in hole, set depth unknown)

10-3/4" Casing at surface (set depth unknown)

TOC behind 4-1/2" casing is 2210'

Little Lime: 2114'- 2127'

Big Lime: 2154'- 2207'

Big Injun: 2212'- 2311'

Gantz Perforations: 2552'-2568'

Current Well TD: 2584'

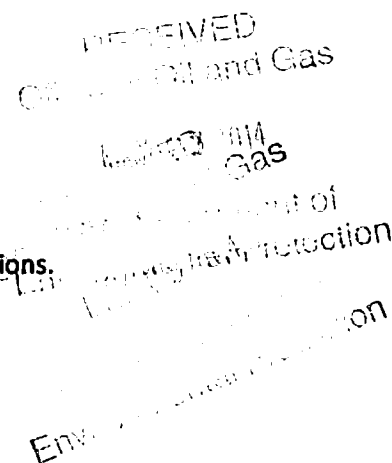
Baker N1 Cast Iron Bridge Plug set at 2485'

**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. TIH with tubing to CIBP @ 2485' and circulate hole until gas cut fluid is removed.
7. MIRU cementers and spot 250' cement plug from ~2485' to 2235', TOOH and WOC 8 hrs.
8. RIH with sand line to tag and confirm cement plug depth.
9. Attempt to cut and pull 4-1/2" casing from around 2200'. (if unsuccessful go to **Scenario B**)
10. TIH w/ tubing and plug well from 2235' to surface with class A cement.
11. 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 2235' to surface.
12. alt RDMO service rig, reclaim location and install surface monument.





4101487A

**Well #13064**  
**KG-2(DTI 41-1487)**  
 Permit # 47-041-01487  
 GL: 1231'

2008 GRNT - Annular gas from 264'-280', 340 & 410'-445',

10-3/4" Casing Depth - ???  
 No record of cementing

Annular fluid level @ 114' [2008 log]

Drilling Commenced - 5/6/66  
 Drilling Completed - 7/14/66  
 Well was fraced - 1000 bbls Water w/ 500 sks sand  
 Production - Oil/Gas/Water  
 Oil - 5BBL/Day before frac  
 Oil - No test A/F  
 24 Hr. Rock Pressure = 600 Psig  
 5/28/08 Logs: JCGR, GNT, MVRT, SBT  
 Future plans: P&A

8-5/8" - 60' left in hole  
 No record of cementing

4-1/2" csg in very poor condition from TOC to surface[2008 MVRT]  
 100% metal loss @ 345', 458', 1511' & 1968  
 29 additional Class 4 joints

Little Lime  
 2114'-2127'[2008 Log Analysis]

Big Lime  
 2154'-2207'[2008 Log Analysis]

Big Injun  
 2212'-2311'[2008 Log analysis]

Baker N-1 Bridge plug set @ 2485' on 5/29/08.

Cement top @ 2210' [2008 SBT]

4 1/2" 10.5# K55 casing at 2548'  
 Cemented w/ 60 sks cement

Gantz  
 2550'-2572'[GR Log]

Perfs: 2552-2568'  
 66 holes

2008 Log TD = 2584'  
 CO to 2599' in 2001

RECEIVED  
 Office of Oil and Gas

Well Name & Number:		KG-2 [DTI 41-1487]		Lease	Keely Heirs Farm		
County or Parish:		Lewis	State/Prov.	WV	Country:	USA	
Perforations: (MD)				(TD)	2600'		
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....7/15/08	

05/30/2014

4101487A

Form OG-10



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

- Rotary
- Spudder
- Cable Tools
- Storage

WELL RECORD S

Quadrangle \_\_\_\_\_  
Permit No. I487

Oil or Gas Well Oil  
(KIND)

Company <u>H. E. Acker ETAL.</u>	Casing and Tubing	Used in Drilling	Left in Well	Packers
Address <u>Box 667 Weston West Va.</u>	Size			
Farm <u>Keely Heirs</u> Acres <u>49</u>	16 <u>8"</u>	<u>60 feet left</u>		Kind of Packer
Location (waters) <u>Free Creek</u>	13			Size of
Well No. <u>Two</u> Elev. <u>1231</u>	10			Depth set
District _____ County <u>Lewis</u>	8 1/4			Perf. top
The surface of tract is owned in <u>1/4</u> by <u>H. Sower</u>	6 3/4			Perf. bottom
Address _____	5 3/16			Perf. top
Mineral rights are owned by <u>Keely Heirs</u>	4 1/2			Perf. bottom
<u>Fink Creek</u> Address _____	3			
Drilling commenced <u>May 6, 1966</u>	2			
Drilling completed <u>July 14, 1966</u>	Liners Used			
Date Shot _____ From _____ To _____				
With _____				
Open Flow _____ /10ths Water in _____ Inch	Attach copy of cementing record.			
_____ /10ths Merc. in _____ Inch	CASING CEMENTED <u>4</u> SIZE <u>2 5/8</u> No. Fl. <u>7, I6</u> Date _____			
Volume _____ Cu. Ft.	Amount of cement used (bags) <u>60</u> BAGS			
Rock Pressure <u>600</u> lbs. <u>24</u> hrs.	Name of Service Co. <u>LAWSON Cementing Co.</u>			
Oil <u>5</u> BBLS Nat. _____ tbs., 1st 24 hrs.	COAL WAS ENCOUNTERED AT <u>111</u> FEET _____ INCHES			
WELL ACIDIZED (DETAILS) _____	_____ FEET _____ INCHES	_____ FEET _____ INCHES	_____ FEET _____ INCHES	_____ FEET _____ INCHES
WELL FRACTURED (DETAILS) <u>1000 BBLs Water</u>	_____ FEET _____ INCHES	_____ FEET _____ INCHES	_____ FEET _____ INCHES	_____ FEET _____ INCHES
<u>50000 Sand</u>				
RESULT AFTER TREATMENT (Initial open Flow or bbls.) <u>Didnt flow back</u>				
ROCK PRESSURE AFTER TREATMENT <u>SAME</u> HOURS _____				
Fresh Water _____ Feet _____				
Producing Sand <u>14</u> Feet _____				
				Depth <u>2548</u> to <u>64</u>

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
T Soil			0	14			
Sand			14	50			
W Sand			50	70			
Red rock			70	120			
Sand	grey		120	170			
Slate Gray			170	190			
sand	light gray		190	219			
slate			219	240			
lime	hard		240	260			
R Rook			260	285			
Slate			285	310			
Lime			310	320			
R. Rook			320	360			
Slate	Gray		360	380			
Sand brown			380	405			
Slate			405	425			
S Lime			425	455			
Slate & Shells			455	480			
Sand			480	520			
Slate			520	580			
Sand	brown		580	650			
Slate			650	670			
R. Rook			670	724			
Lime	Gray		724	744			



RECEIVED  
Oil and Gas  
1-11-1967  
Environmental Protection



4101487P

WW-4A  
Revised 6-07

1) Date: March 12, 2014

2) Operator's Well Number  
13064

3) API Well No.: 47 - 041 - 01487

CK 40030  
10000

**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:  
(a) Name Harold R. & Sandra L. Miller  
Address 1783 Buck Run Road  
Camden, WV 26338-8159  
(b) Name \_\_\_\_\_  
Address \_\_\_\_\_  
(c) Name \_\_\_\_\_  
Address \_\_\_\_\_  
6) Inspector Barry Stollings  
Address 28 Conifer Drive  
Bridgeport, WV 26330  
Telephone 304-552-4194

5) (a) Coal Operator  
Name Eastern Associated Coal Corp.  
Address P.O. Box 1233  
Charleston, WV 25324-1233  
(b) Coal Owner(s) with Declaration  
Name \_\_\_\_\_  
Address \_\_\_\_\_  
(c) Coal Lessee with Declaration  
Name \_\_\_\_\_  
Address \_\_\_\_\_

**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 4/14/14  
Its: Director of Storage  
Address 445 West Main Street  
Clarksburg, WV 26301  
Telephone 304-669-5007

RECEIVED  
Office of Oil and Gas

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](mailto:depprivacyofficer@wv.gov).

05/30/2014



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

Mr. Harold R. Miller  
1783 Buck Run Road  
Camden, WV 26338-8159

**EXISTING WELL 13064  
DOMINION TRANSMISSION, INC.  
FREEMANS CREEK DISTRICT, LEWIS COUNTY, WEST VIRGINIA**

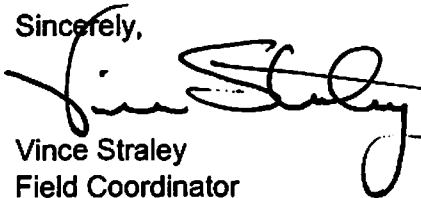
Dear Mr. Miller,

On behalf of our client, Dominion Transmission, Inc., we wish to advise you that existing well (13064) is planned to be plugged and abandoned on Parcel 16 Map 2-C surface owner being Harold R. and Sandra L. Miller. Therefore, we are hereby making a Notice of Application to Plug and Abandon a Well to the State Office of Oil and Gas.

You are on record as being a surface owner on the particular tract of land on which the well is located; regulations dictate that we provide you with copies of the permit application. Accordingly, enclosed for you records, please find a copy of the Application to Plug and Abandon a Well.

Should you have any questions concerning this proposed well work, you may contact Mr. Matt Goralczyk at (304) 627-3354 or me at (304) 624-9700.

Sincerely,



Vince Straley  
Field Coordinator

File: 12-502 Miller-13064

RECEIVED  
Office of Oil and Gas  
MAY 1 2014



4101487A

**Dominion Transmission, Inc**  
**Existing Well 13064**  
**Freemans Creek District, Lewis County, WV**

**February 25, 2014**

**Water Well Locations**

**Harold L. Miller**  
**1783 Buck Run Road**  
**Camden, WV 26338-8159**

**S15°00'W 1810 Feet**

RECEIVED  
Oil and Gas  
MAY 09 2014  
Environmental Protection  
Division

05/30/2014



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

Eastern Associated Coal  
P.O. Box 1233  
Charleston, WV 25324-1233

**EXISTING WELL 13064  
DOMINION TRANSMISSION, INC.  
FREEMANS CREEK DISTRICT, LEWIS COUNTY, WEST VIRGINIA**

Dear Sirs,

On behalf of our client, Dominion Transmission, Inc., we wish to advise you that existing well 13064 is planned to be plugged and abandoned. Therefore, we are hereby making a Notice of Application to Plug and Abandon a Well.

You are on record as being the coal owner on the particular tract of land on which the well is situated; regulations dictate that we provide you with copies of the permit application. Accordingly, enclosed for you records, please find a copy of the Notice and Application for a Well Work Permit.

Should you have any questions concerning this proposed well work, you may contact Mr. Matt Goralczyk at (304) 627-3354 or me at (304) 624-9700.

Sincerely,

Vince Straley  
Field Coordinator

File: 12-502 13064 Eastern

OFFICE OF  
NATURAL GAS  
MAY 03 2014  
DEPARTMENT OF  
ENVIRONMENTAL PROTECTION

13064

7012 2210 0002 2420 9299

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For delivery information visit our website at www.usps.com®

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Certified Fee	3.30	
Return Receipt Fee (Endorsement Required)	2.70	
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$ 7.61	

**EASTERN ASSOCIATED COAL CORP**  
 PO BOX 1233  
 CHARLESTON WV 25324-1233

PS Form 3800, August 2006 See Reverse for Instructions

4101487P

7012 2210 0002 2420 9282

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**CERTIFIED MAIL™ RECEIPT**  
 (Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com®

OFFICIAL USE

Postage	\$ 1.61	
Certified Fee	3.30	
Return Receipt Fee (Endorsement Required)	2.70	
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$ 7.61	

Sent To  
 Street, Apt. No. or PO Box No. **Mr. Harold Miller**  
 City, State, ZIP+4® **1783 Buck Run Road**  
**Camden, WV 26338-8159**

PS Form 3800, August 2006 See Reverse for Instructions

RECEIVED  
 Dept. of Energy and Gas  
 APR 30 2014  
 Department of Environmental Protection

05/30/2014



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 1160.85' 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 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

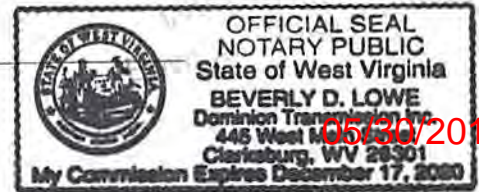
Company Official (Typed Name) JAMES D. BLASINGAME

Company Official Title DESIGNATED AGENT-DTI, DIRECTOR GAS STORAGE

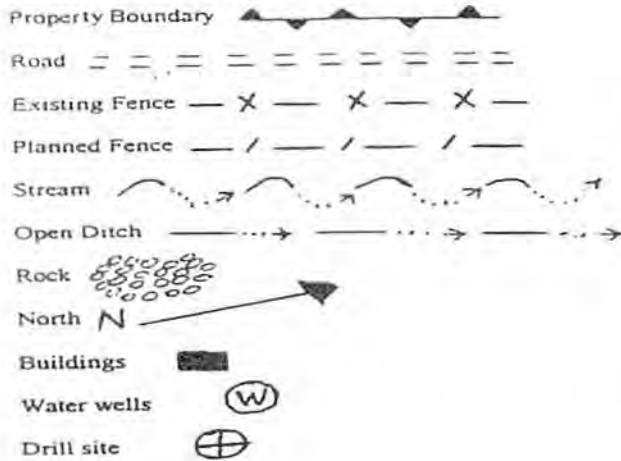
Subscribed and sworn before me this 14th day of April, 2014

Beverly D. Lowe Notary Public

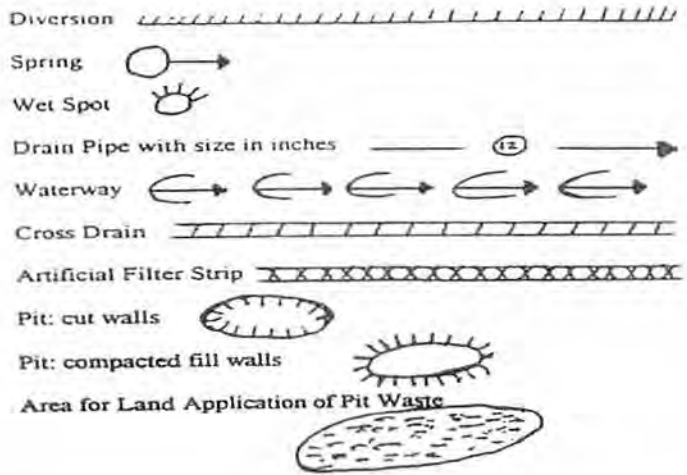
My commission expires December 17, 2020



05/30/2014



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/Straw - 2 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.

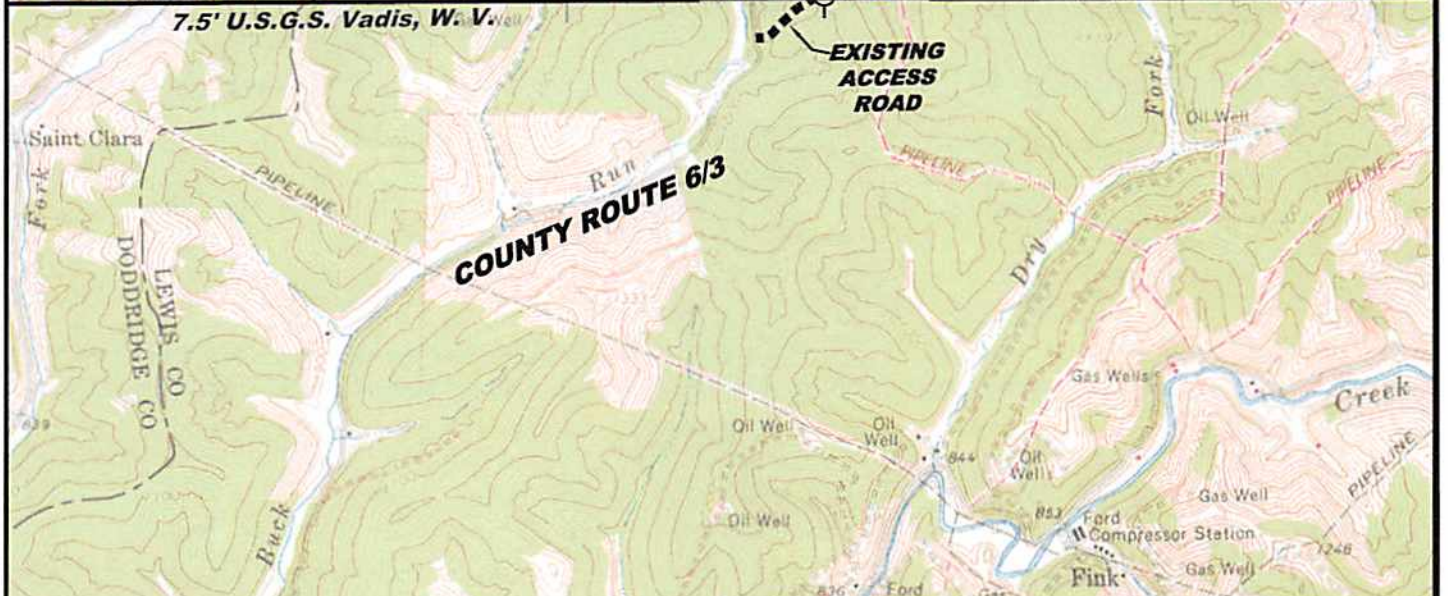
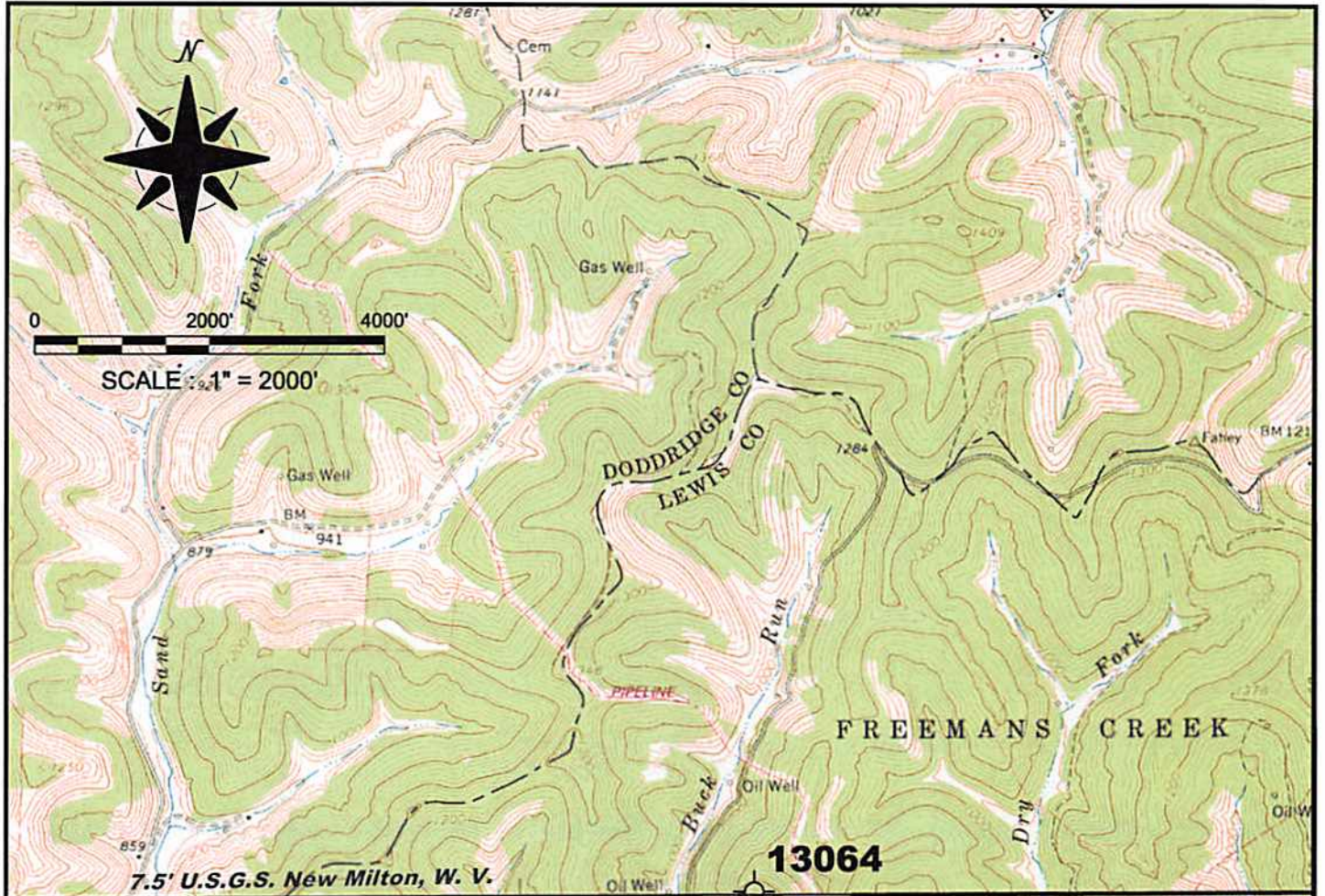
Plan Approved by: Benny Shelton

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

Title: inspector Date: 4-28-14

Field Reviewed? (  ) Yes (  ) No





**DOMINION TRANSMISSION, INC.**

**WELL #13064** *B.S. 4-28-14*  
**ACCESS ROAD & WELL SITE TOPO**

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

Scale  
 AS SHOWN

**FIGURE**

**05/30/2014**



9,150'

LATITUDE 39°10'00"

LONGITUDE 80°37'30"

15,120'

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

- ① DOMINION TRANSMISSION, INC. TAX MAP 2-B PARCEL 3 61.75 ACRES
- ② DOMINION TRANSMISSION, INC. TAX MAP 2-B PARCEL 4 29.28 ACRES



HFP, LLC TAX MAP 2-B PARCEL 6 129.5 ACRES

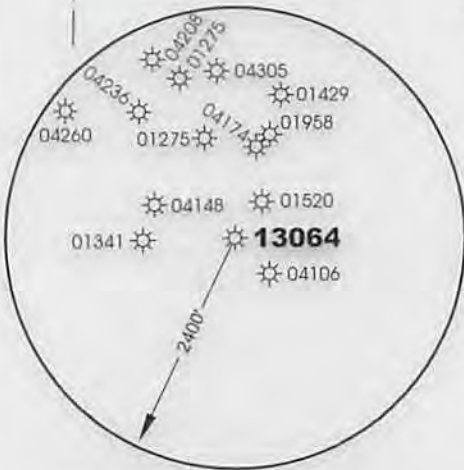
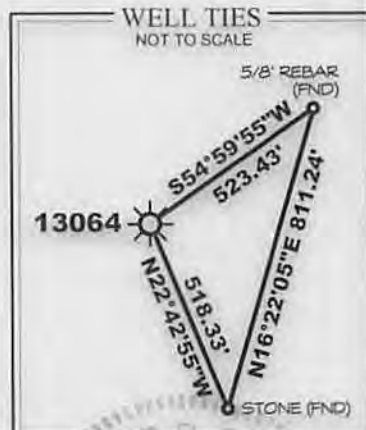
RICHARD A. GALL, ET AL TAX MAP 2-C PARCEL 19 134.4 ACRES

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

**WELL 13064**

NAD 83 LAT. 39°07'30.98"  
LONG. 80°39'25.39"

UTM N4330734.31  
E529644.00



**MSES consultants, inc.**

FILE NO. 12-502-Well13064-WellPlat

DRAWN BY RRC / MVS

SCALE 1" = 1000'

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 FEBRUARY 24 20 14

OPERATOR'S WELL NO. 13064

API WELL NO.

**47 041 01487P**

STATE COUNTY PERMIT NO.

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL

IF "GAS", PRODUCTION  STORAGE  DEEP  SHALLOW

LOCATION: ELEVATION 1160.85' WATERSHED BUCK RUN OF FINK CREEK

DISTRICT FREEMANS CREEK COUNTY LEWIS

QUADRANGLE NEW MILTON NEAREST TOWN FINK

SURFACE OWNER HAROLD R. & SANDRA L. MILLER ACREAGE 156

OIL & GAS ROYALTY OWNER HAROLD R. MILLER LEASE ACREAGE 156

LEASE NO. FK097721

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 2548'

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

05/30/2014

COUNTY

PERMIT NO.

041

01487





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 13064**  
**DOMINION TRANSMISSION, INC.**

Dear Sirs,

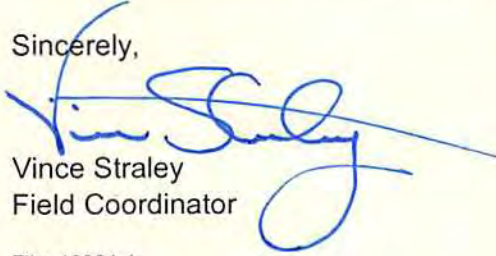
On behalf of our client, Dominion Transmission, Inc., please find enclosed the permit application for Dominion Well 13064.

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

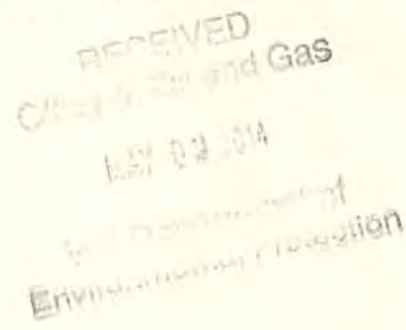
Mr. Matt Goralczyk  
Dominion Transmission, Inc.  
445 West Main Street  
Clarksburg, WV 26301-2843

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

Sincerely,

  
Vince Straley  
Field Coordinator

File: 13064-1



**NOTES**

ACCESS TO THE WELL SITE IS TO BE GAINED USING AN EXISTING APPROACH FROM LEWIS COUNTY ROUTE 6/3. FROM THE INTERSECTION OF THE COUNTY ROUTE, APPROXIMATELY 743' OF EXISTING WELL ACCESS ROAD IS TO BE UTILIZED, THEN 44' OR NEW ACCESS ROAD TO BE CONSTRUCTED TO THE PROPOSED WELL PAD.




DRAINAGE IS TO BE MAINTAINED. ROCK RIPRAP APRONS ARE TO BE PLACED AT ALL DRAINAGE OUTLETS.

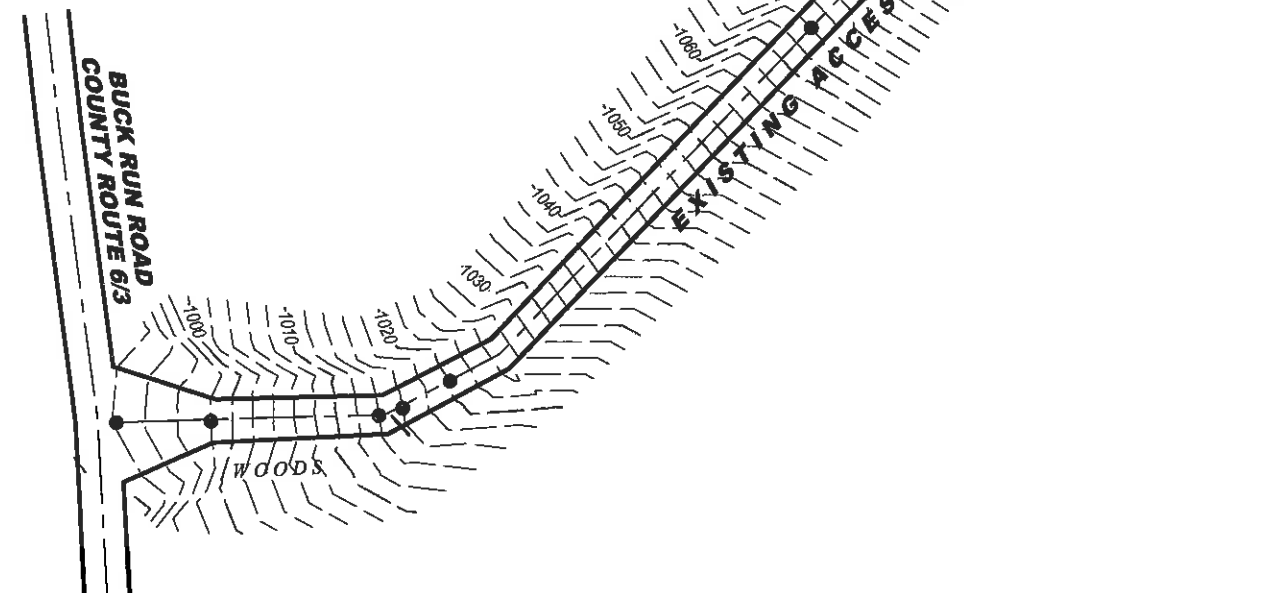
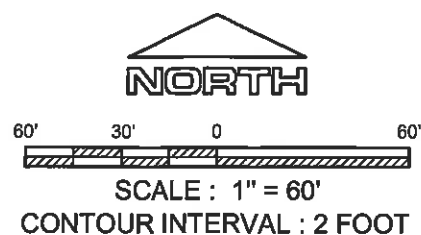
ANY TOPSOIL IS TO BE STOCKPILED DURING CONSTRUCTION. WELL SITE IS TO BE RECLAIMED AFTER WELL WORK.

**REFERENCE**


SURVEY HORIZONTAL DATUM WEST VIRGINIA STATE PLANE COORDINATES NAD 83 SOUTH ZONE. SURVEY VERTICAL DATUM NAVD 88 GEOID 03.

**LEGEND**

-  EXISTING DITCH
-  EXISTING CONTOUR
-  PROPOSED CONTOUR



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

ACCESS ROAD			
	DIST.	SLOPE	GROSS DRAIN SPACING
1	425'	26%	30'
2	118'	22%	33'
3	60'	13%	NONE REQ.
4	140'	6%	
5	24'	5%	
6	20'	10%	
TOTAL	787'		

Existing 12' Wide Gravel Access Road To Be Maintained

Proposed 12' Wide Gravel Access Road

for Well Site - Site Plan, see Drawing 2 of 3

Freemans Creek District  
Lewis County  
West Virginia

**DOMINION TRANSMISSION, INC.**

WELL #13064  
EROSION & SEDIMENTATION CONTROL  
ACCESS ROAD - SITE PLAN

Drawn by	MVS/LFL	3/14	Scale AS SHOWN
Engineer	DTI/WCR	3/14	
Checked by	DTT/RVS	3/14	
Prepared by	MSES consultants, inc.		Date

1 of 2

05/30/2014





20' 10' 0 20'  
 SCALE : 1" = 20'  
 CONTOUR INTERVAL : 2 FOOT

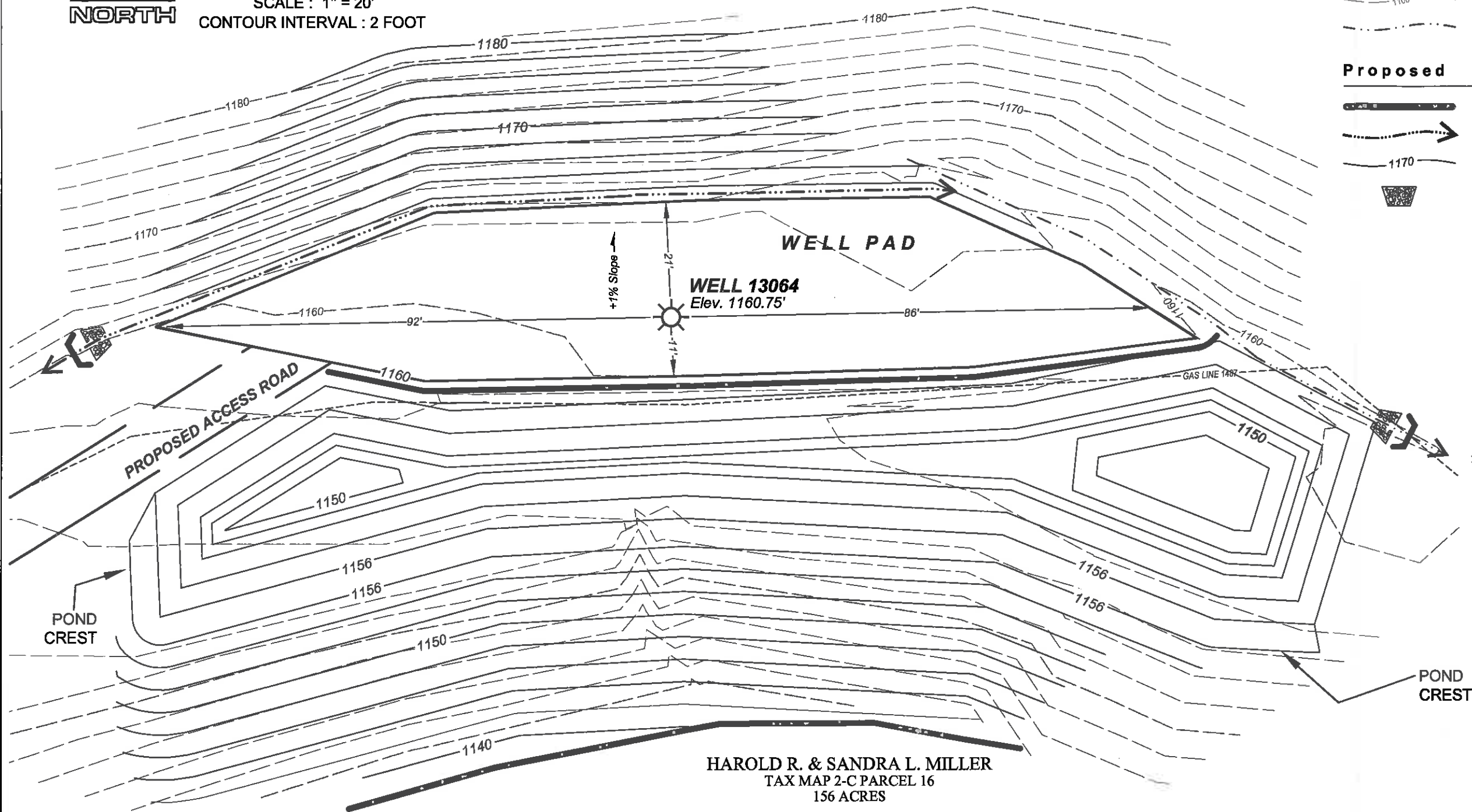
**LEGEND**

**Existing**

- 1100 CONTOUR
- DITCH

**Proposed**

- SILT FENCE / COMPOST FILTER SOCK
- DITCH
- 1170 CONTOUR
- RIPRAP APRON AT DISCHARGE OUTLET



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

**REFERENCE**

SURVEY HORIZONTAL DATUM WEST VIRGINIA STATE PLANE  
 COORDINATES NAD 83 NORTH ZONE. SURVEY VERTICAL DATUM  
 NAVD 88 GEOID 03.

LAND USE	WOODS & EXISTING WELL SITE	
<b>DISTURBANCE</b>		
WELL SITE	Pad	0.500 Acres
EXISTING ACCESS ROAD	12' Wide 44' Long	0.012 Acres
NEW ACCESS ROAD	12' Wide 743' Long	0.204 Acres
TOTAL AREA		0.720 Acres

**DOMINION TRANSMISSION, INC.**

**WELL #13064  
 EROSION & SEDIMENTATION CONTROL  
 WELL SITE - SITE PLAN**

Drawn by	MVS/LFL	1/13
Engineer	DTT/WCR	1/13
Checked by	DTT / RVS	1/13
		Date

Scale AS SHOWN

Prepared by **MSES consultants, inc.**

05/30/2014