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**west virginia** department of environmental protection

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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

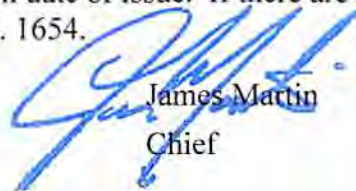
**WELL WORK PLUGGING PERMIT**

**Plugging**

This permit, API Well Number: 47-4101520, 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: 13065 (1-A)  
Farm Name: DOMINION TRANSMISSION, INC  
**API Well Number: 47-4101520**  
**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.

4101520P

WW-4B  
Rev. 2/01

1) Date March 12, 2014  
2) Operator's  
Well No. 13065  
3) API Well No. 47-041-01520

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 1139.42' 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 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

05/30/2014

**DTI Well 13065 (47-041-01520) Plug and Abandon Procedure****Wellbore Configuration:**

GL Elevation: 1079'

8-5/8" Casing set at 1203' (some cement at surface – possibly grouted in place)

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

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, nipple up and pressure test BOP.
4. Blow well down to tank/Kill well with fluid if required.
5. TIH with tubing to CIBP @ 2470' and circulate hole until gas cut fluid is removed.
6. MIRU cements and spot cement plug from 2470' to 2250', TOOH and WOC 8 hrs.
7. RIH with sand line to tag and confirm cement plug depth.
8. Attempt to cut and pull 4-1/2" casing from around 2225'. (if unsuccessful go to **Scenario B**)
9. Run caliper log on open hole and bond log 8-5/8" csg.
10. TIH w/ tubing and plug well from 2250' to 1150' with class A cement.
11. Attempt to cut and pull 8-5/8" csg, if unsuccessful perforate casing
12. TIH and cement well from 1150' 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 across gas zones 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.

RECEIVED  
Office of Oil and Gas  
MAY 08 2014  
Department of  
Natural Resources

**Well # 13065**  
**KG-1A (DTI 41-1520)**  
 Permit # 47-041-01520  
 GL: 1079'



Annular voids from 23'-70' & 210'-222'.

8-5/8" Casing @ 1203' Cement record unknown, but casing is grouted. at surface

4-1/2" csg very poor from TOC to surface. MVRT - 100% wall loss in 15 joints. 15 adtl. Jts. w/ >80% loss.

Some cement bond from 1900'-1950' Excellent cement bond from 2474' to TOC Cement Top @ 2250' [2008 SBT]

Drilled 1966-67  
 Well was frac'ed - No Details  
 Production - Gas/Oil/Water  
 6/9/08 Logs: JCGR, GRNT, MVRT, SBT  
 Future plans: P&A

Little Lime  
 2105'-2118' [2008 Log analysis]

Big Lime  
 2144'-2205' [2008 Log Analysis]

Big Injun  
 2209'-2299' [2008 Log Analysis]

N1 Bridge plug @ 2470' [2008]

Gantz

Perfs @ 2547'-2551'??

2008 Log TD: 2560'  
 Driller's TD: 2579'

4 1/2" 10.5# J55 casing at 2560'

RECEIVED  
 Office of Oil and Gas  
 May 30 2014

Well Name & Number:	KG-1A (DTI 47-1520)		Lease	Keeley Heirs [minerals]	
County or Parish:	Lewis	State/Prov.	WV	Country:	USA
Perforations: (MD)			(TD)	2579'	
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:	04/15/14	

4101520P

Form OG-10



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

Rotary   
Spudder   
Cable Tools   
Storage

WELL RECORD

Oil or Gas Well Oil

Quadrangle \_\_\_\_\_  
Permit No. 1520

Company H.E. ACKER & CO.  
Address Box 537 Weston West Va.  
Farm Keely heirs I-A Acres 29  
Location (waters) Fink Creek  
Well No. I-A Elev. \_\_\_\_\_  
District \_\_\_\_\_ County Lewis  
The surface of tract is owned in fee by Droploman Heirs  
Address Weston W. Va.  
Mineral rights are owned by Keely Heirs  
Address Fink Creek  
Drilling commenced Jan. 13, 1916  
Drilling completed Feb. 20, 1917  
Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_

Casing and Tubing	Used in Drilling	Left in Well	Packers
16	8	64	Kind of Packin
13			
10			Size of
8 1/4			
6 3/4			Depth set
5 3/16			
4 1/4			
3			Perf. top
2			Perf. bottom
Lines Used			Perf. top
			Perf. bottom

Open Flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
\_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
Volume \_\_\_\_\_ Cu. Ft.  
Rock Pressure 500 lbs. 24 hrs.  
Oil 0 bbls bbls. 1st 24 hrs.  
WELL ACIDIZED (DETAILS) Frosted 120 water  
3000 sand  
WELL FRACTURED (DETAILS) Didnt flow used

Attach copy of cementing record.  
CASING CEMENTED 4 SIZE \_\_\_\_\_ No. Ft. Feb. 21 Date  
Amount of cement used (bags) 40  
Name of Service Co. LEWSON Cementing Co  
COAL WAS ENCOUNTERED AT Nil FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES

RESULT AFTER TREATMENT (Initial open flow or bbls.) \_\_\_\_\_  
ROCK PRESSURE AFTER TREATMENT 3000 HOURS \_\_\_\_\_  
Fresh Water \_\_\_\_\_ Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_  
Producing Sand 22 feet sand Depth 2525 to 2572

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth	Remarks
T. Soil			0	15			
Jand			14	51			
N. Sand			51	72			
Med rock			72	125			
Sand	Grey		125	174			
Slate	"		174	194			
Sand	L. Grey		194	221			
Slate	Dark		221	243			
Line	Hard		243	265			
N Rock			265	290			
Slate			290	312			
Line			312	324			
N. Rock			324	362			
Slate	Dark brown		362	384			
Sand			384	408			
Slate			408	426			
Line			426	457			
Snells			457	434			
Sand			484	526			
Slate			526	533			
Sand light			533	652			
Slate			652	374			
N. Rock			674	724			
Sand			724	804			
Slate			804	830			
n. Rock			830	882			
Line			882	920			
S. Soil			920	968			

RECEIVED  
West Virginia  
Dept. of Mines  
DEC 30 1914  
0.2 2014

05/30/2014

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Fossil	Remarks
R. Rock			968	1012			
Sand		Hard	1012	1038			
Slate	Black		1038	1096			
Slate & Shells			1096	1170			
Lime	Gray		1170	1206			
Sand			1206	1217			
Slate			1217	1232			
Lime			1232	1294			
Lime Gritty			1294	1305			
Slate			1305	1344			
Lime			1344	1368			
Slate & Shells			1368	1434			
Lime			1434	1458			
Slate & S.			1458	1499			
Sand			1499	1513			
Sand			1513	1522			
Slate			1522	1564			
Shells			1564	1610			
Lime			1610	1734			
Shells			1734	1758			
Sand			1758	1782			
Lime		1782	1814				
R. Rock		1814	1852				
Lime		1852	1903				
Sand		1903	1926				
R. Rock		1926	1984				
Shells		1984	2004				
R. Rock		2004	2034				
Lime		2034	2086				
Slate		2086	2107				
Lime		2107	2138				
Sand		2138	2144				
Slate		2144	2154				
R. Rock		2154	2196				
Slate		2196	2220				
Sand		2220	2295				
Slate		2295	2352				
Shale		2352	2384				
R. Rock		2384	2422				
Shale		2422	2461				
Sand		2461	2492				
Shale		2492	2520				
Slate	Black		2520				
Gantz			2520	2532			

Date 11/30 1967  
 APPROVED J. H. Parker Owner  
 By \_\_\_\_\_  
 (Title)

Robert W. Rutter

FORM 001



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

12-6-66  
109

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

To THE DEPARTMENT OF MINES,  
Charleston, W. Va.

No coal in this area  
COAL OPERATOR OR COAL OWNER

ADDRESS

COAL OPERATOR OR COAL OWNER

ADDRESS

Martin Keeley Heirs  
OWNER OF MINERAL RIGHTS

Camdon, West Va.  
ADDRESS

GENTLEMEN:

H. E. Acker  
NAME OF WELL OPERATOR

P. O. Box 677, Weston, West Va.  
COMPLETE ADDRESS

December 2, 1966

PROPOSED LOCATION

Freemans Creek District

Lewis County

Well No. One-A

Kealey Heirs A Farm

Elevation 1079 Acres 29

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated July 17, 1963 made by Martin Keeley's Heirs to H. E. Acker and recorded on the 24 day of December, 1963 in the office of the County Clerk for said County in Book 288, page 317.

The enclosed plat was prepared by a competent engineer, and shows the proposed location of a well to be drilled for oil and gas by the undersigned well operator on the farm and in the Magisterial District and County above named, determined by survey and courses and distances from two permanent points, or land marks.

The undersigned well operator is informed and believes there are no coal operators operating beds of coal beneath said farm or tract of land on which said well is located, or within 500 feet of the boundaries of the same, who have mapped their workings and filed their maps as required by law, excepting the coal operators or coal owners (if any) above named as addresses.

The above named coal operators or coal owners (if any) are notified that any objections they may desire to make to such proposed location, or which they are required to make by Section 3 of said Code, if the drilling of a well at said proposed location will cause a dangerous condition in or about their respective coal mines, must be received by, or filed with the Department of Mines within ten days from the receipt of a copy of this notice and accompanying plat by said Department. Said coal operators are further notified that forms for use in making such objections will be furnished to them by the Department of Mines promptly on request and that all such objections must set forth as definitely as is reasonably possible the ground or grounds on which such objections are based and indicate the direction and distance the proposed location should be moved to overcome same.

(The next paragraph is to be completed only in Department's copy.)

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective addresses day before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours,

H. E. Acker  
WELL OPERATOR

P. O. Box 677, Weston, West Va.

STREET  
CITY OR TOWN

STATE



Address of Well Operator

\*Section 3. If no such objections be filed or be found by the department of mines, within said period of ten days from the receipt of said notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a drilling permit reciting the filing of such plat, that no objections have been made by the coal operators to the location, or found thereto by the department, and that the same is approved and the well operator authorized to proceed to drill at said location.

1520 PERMIT NUMBER

NO DRILL



Robert W. Ratta

09-11

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

Permit No. 74-1500

Oil or Gas Well  
(KIND)

Company	ADDRESS	FARM	WELL NO.	DISTRICT	DRILLING COMMENCED	DRILLING COMPLETED	DATE SHOT	INITIAL OPEN FLOW	OPEN FLOW AFTER TUBING	VOLUME	ROCK PRESSURE	OIL	FRESH WATER	SALT WATER	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
															SIZE			
<u>H. E. Akers</u>	<u>W. Va.</u>	<u>W. Va.</u>	<u>1-1</u>	<u>Putnam, Grant, Clay, Taylor</u>		<u>Total depth 3442'</u>												

Drillers' Names

Remarks:

Contractor, H. E. Akers.

January 3, 1967  
DATE



Robert W. Rutter

[Empty box]

DD-11

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

Permit No. WV-1500

Oil or Gas Well  
(Kind)

Company	Casing and Tubing	Used in Drilling	Left in Well	Packers	
				Kind of Packer	Size of
Address	Size				
Farm	18				
Well No.	12				
District	10				
County	8 1/2	1205'			
Drilling commenced	6 1/2				Depth set
Drilling completed	5 3/16				
Total depth	3				Perf. top
Date shot	2				Perf. bottom
Depth of shot	Liners Used				Perf. top
Initial open flow					Perf. bottom
/10ths Water in					
inch					
Open flow after tubing					
/10ths Merc. in					
inch					
Volume					
Cu. Ft.					
Rock pressure					
lbs					
hrs					
Oil					
bbbls, 1st 24 hrs.					
Fresh water					
feet					
feet					
Salt water					
feet					
feet					

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. FT. \_\_\_\_\_ Date \_\_\_\_\_

NAME OF SERVICE COMPANY \_\_\_\_\_

COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

Drillers' Names \_\_\_\_\_

Remarks: Contractor, H. E. Akers



January 11 1967  
DATE

William J. \_\_\_\_\_  
DISTRICT WELL INSPECTOR

Robert W. Rutta

00-11

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

1520  
Permit No. LEM-1521

Oil or Gas Well  
(KIND)

Company H.F. AKER'S  
 Address WESTON, Kelley  
 Farm KELLEY HEIRS  
 Well No. 1-A  
 District FREDMAN'S CR County LEWIS  
 Drilling commenced \_\_\_\_\_  
 Drilling completed \_\_\_\_\_ Total depth 2579'  
 Date shot COMPLETED Depth of shot \_\_\_\_\_  
 Initial open flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
 Open flow after tubing \_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
 Volume \_\_\_\_\_ Cu. Ft.  
 Rock pressure \_\_\_\_\_ lbs \_\_\_\_\_ hrs.  
 Oil \_\_\_\_\_ bbls. 1st 24 hrs.  
 Fresh water \_\_\_\_\_ feet \_\_\_\_\_ feet  
 Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer
18			
10			Size of
8 1/4			
8 1/8			Depth set
5 8/10			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. FT. \_\_\_\_\_ Date \_\_\_\_\_  
 NAME OF SERVICE COMPANY \_\_\_\_\_  
 COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

Drillers' Names \_\_\_\_\_

Remarks:

Contractor - H.F. AKER



January 27, 1967  
DATE

William J. Blaine  
DISTRICT WELL INSPECTOR

Amy Romano

FERC-121

1.0 API well number: (If not available, leave blank. 14 digits.)	47-041-1520			
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	108 Section of NGPA		Category Code	
3.0 Depth of the deepest completion location: (Only needed if sections 101 or 107 in 2.0 above.)	2572 feet			
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	H. E. Ackor Box 667 Street Weston, WV 26452 City		Seller Code	
5.0 Location of this well: (Complete (a) or (b).) (a) For onshore wells (35 letters maximum for field name.)	Field Name Lewis County, WV		State	
(b) For OCS wells:	Area Name		Block Number	
(c) Name and identification number of this well: (35 letters and digits maximum.)	Keeley Heirs 1A			
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)				
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	Consolidated Gas Supply Corp. Name		4228 Buyer Code	
(b) Date of the contract:	1-15-1982 Mo. Day Yr.			
(c) Estimated annual production:	8 MMcf			
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	(a) Base Price (\$/MMBtu)	(b) Tax	(c) All Other Prices (Indicate (+) or (-))	(d) Total of (a), (b) and (c)
8.0 Maximum rental rate: (As of filing date. Complete to 3 decimal places.)	3.277	0.000		3.277
9.0 Person responsible for this application:	H. E. Ackor Name		Owner Title	
Agency Use Only	Date Received by Juris. Agency			
	Date Received by FERC			
	Signature H. E. Ackor		Date Application is Completed	
	March 1, 1982		304-260-2045 Phone Number	

MAR 3 1982

Way Romano

PARTICIPANTS: DATE: JUL 13 1982 BUYER-SELLER CODE: \_\_\_\_\_  
 WELL OPERATOR: H. F. Acker  
 FIRST PURCHASER: Consolidated Gas Supply Corp 014229  
 OTHER: \_\_\_\_\_

W. Va. Department of Mines, Oil & Gas Division  
 WELL DETERMINATION FILE NUMBER  
820303-108-041-1520  
 Use Above File Number on all Communications  
 Relating to Determination of this Well.

**QUALIFIED**

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

- ITEM NO. \_\_\_\_\_
1. FERC -121 1 Items not completed - Line No. AVI 20
  2. IV-1 Agent H. F. Acker
  3. IV-2 Well Permit
  4. IV-6 Well Plat
  5. IV-35 Well Record  Drilling  Deepening \_\_\_\_\_
  6. IV-36 Gas-Oil Test:  Gas Only \_\_\_\_\_ Was Oil Produced? \_\_\_\_\_ Ratio \_\_\_\_\_
  7. IV-39 Annual Production 1 years
  8. IV-40 90 day Production 90 Days off line: \_\_\_\_\_
  9. IV-48 Application for certification. Complete?
  - 10-17. IV Form 51 - 52 - 53 - 54 - 55 - 56 - 57 - 58 Complete?  Affidavit Signed
  - 18-28. Other: Survey \_\_\_\_\_ Logs \_\_\_\_\_ Geological Charts \_\_\_\_\_  
 Structure Map \_\_\_\_\_ 1: 4000 Map \_\_\_\_\_ Well Tabulations \_\_\_\_\_  
 Gas Analyses \_\_\_\_\_
  - (5) Date commenced: 12-18-66 Date completed 2-20-67 Deepened \_\_\_\_\_
  - (5) Production Depth: 2526 - 72'
  - (5) Production Formation: 22 feet sand Gantz
  - (5) Final Open Flow: \_\_\_\_\_
  - (5) After Frac. R. P. 600 # 24 hrs
  - (6) Other Gas Test: \_\_\_\_\_
  - (7) Avg. Daily Gas from Annual Production:  $\frac{3556}{365} = 9.7 \text{ mcf}$   $\frac{118}{365} = 0.3 \text{ bbl}$
  - (8) Avg. Daily Gas from 90-day ending w/1-120 days  $\frac{1236}{90} = 13.6 \text{ mcf}$   $\frac{43}{90} = 0.5 \text{ bbl}$
  - (8) Line Pressure: \_\_\_\_\_ PSIG from Daily Report \_\_\_\_\_
  - (5) Oil Production: \_\_\_\_\_ From Completion Report \_\_\_\_\_
  - 10-17. Does lease inventory indicate enhanced recovery being done NO
  - 10-17. Is affidavit signed?  Notarized?
  - Does official well record with the Department confirm the submitted information? yes
  - Additional information \_\_\_\_\_ Does computer program confirm? \_\_\_\_\_
  - Was Determination Objected to \_\_\_\_\_ By Whom? \_\_\_\_\_

418

Ray Romano

FORM IV-48MC  
(12-79)

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

Date March 1, 1982

Company's Well No. Kesley Heirs #1A

API Well No. 17 - 041 - 1520  
State County Permit

STATE APPLICATION FOR WELL CLASSIFICATION

Previous File No. \_\_\_\_\_ (if applicable)

WELL OPERATOR H. E. Acker

DESIGNATED AGENT H. E. Acker

ADDRESS Box 667  
Weston, WV 26452

ADDRESS \_\_\_\_\_

Gas Purchase Contract No. 3397 and Date 5/19/69  
(Month, day and year)

Meter Chart Code 2983

Name of First Purchaser Consolidated Gas Supply Corp.

445 West Main  
Clarksburg, WV 26301  
(City) (State) (Zip Code)

FERC Seller Code \_\_\_\_\_

FERC Buyer Code 4228

TYPE OF DETERMINATION BEING SOUGHT

- (1) Initial determination (See FERC Form 121.) Section of NGPA 108 Category Code \_\_\_\_\_
- (2) Determination that increased production is the result of enhanced recovery technology.
- (3) Determination of a seasonally affected well.

Name (Print) H. E. Acker Title Owner

Signature H. E. Acker

Box 667

Street or P. O. Box Weston, WV 26452

City State (Zip Code) \_\_\_\_\_

( ) 269-2045 Phone Number  
Area Code

(Certificate of Proof of Service to Purchaser)

Mailed TO Consolidated Gas 3-1-82

BY H. E. Acker

(All of the above to be completed by the Operator/Applicant)

(To be completed by Jurisdictional Agency. Executed copy to be returned to Operator/Applicant and purchaser, if known).

The Department of Mines has received a request  for certification of the above described well as meeting the requirements of Section \_\_\_\_\_ under the Natural Gas Policy Act of 1974 (NGPA);  or for determination that increased production is the result of enhanced recovery technology under Section 108 of (NGPA);  or for determination of a seasonally affected well under Section 108 of (NGPA).

All interested parties are hereby notified that on the \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, at the office of the Oil and Gas Division in Charleston, West Virginia, or as soon thereafter as it may be heard, there will be a public hearing, if requested, or if objection is filed.

This Application is assigned File No. \_\_\_\_\_

Initial review of information submitted indicates the well  is,  is not entitled to certification as claimed under the Natural Gas Policy Act (NGPA). A review of this evidence and any additional evidence will be made at the time appointed for a public hearing or as soon thereafter as the matter may be heard.

Unless objections are timely filed or a request for a hearing is made within fifteen (15) days, a hearing will not be held except on ex parte motion of the department and the matter will go to determination.

WEST VIRGINIA DEPARTMENT OF MINES

[Signature]  
Director

MAR 3 1982

Date received by Jurisdictional Agency \_\_\_\_\_

By \_\_\_\_\_  
Title \_\_\_\_\_

*Amy Romano*

FORM IV-564C  
(12-78)

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

Date March 1 19 82  
Operator's Well No. Keeley Holrs # 1A  
API Well No. 47 State 041 County 1520 Permit

WELL CLASSIFICATION FORM  
STRIPPER GAS WELL  
MCPA Section 103

DESIGNATED AGENT R. E. Acker  
ADDRESS Box 667  
Weston, WV 26452  
LOCATION: Elevation 1079  
Watershed Buck Run  
Disc. E. C. County Lewis Quad. Wadis  
Gas Purchase Contract No. 3397  
Meter Chart Code 2983  
Date of Contract 5/19/69

WELL OPERATOR H. E. Acker  
ADDRESS Box 667  
Weston, WV 26452  
GAS PURCHASER Consolidated Gas  
ADDRESS 445 West Main  
Clarksburg, WV 26301

Provide a complete inventory of the lease and production equipment used for the well for the previous 24 months or, if less than 24 months, the period the well has been in production. Include a complete list of equipment or processes used in connection with recognized enhanced recovery techniques during completion or production. (Attach separate sheets, if necessary.)

- 1 Well Head
- 1 Pumping Unit
- 1 Separator
- 1 100bbl. Tank

List all records reasonably available to you which contain information relevant to a determination of eligibility (including production records, E&O Tax Records and royalty payment records) and indicate the location of such records:

Production Records in our office in Weston, Wv.

Amy Romano

FORM IV-566C  
[Reverse]  
[12-78]

Describe the search made of any records listed above.

Are you aware of any other information which would tend to be inconsistent with the information specified above? Yes no. If yes, indicate the type and source of the information.

**AFFIDAVIT**

I, H. E. Acker, having been first sworn according to law, state that I have caused to be made a diligent search of those records hereinbefore indicated in the manner herein described, that the information contained in this document is true and accurate and that on the basis of the records and examinations hereinbefore described, and to the best of my information, knowledge and belief, the well for which this certification is sought qualifies as a stripper well.

H. E. Acker

STATE OF WEST VIRGINIA

COUNTY OF Lewis TO WIT:

I, Jerry G. Maboner, a Notary Public in and for the state and county aforesaid,

do certify that H. E. Acker, whose name is signed to the writing above, bearing date the 1 day of March, 19 82 has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 1 day of March, 1982.

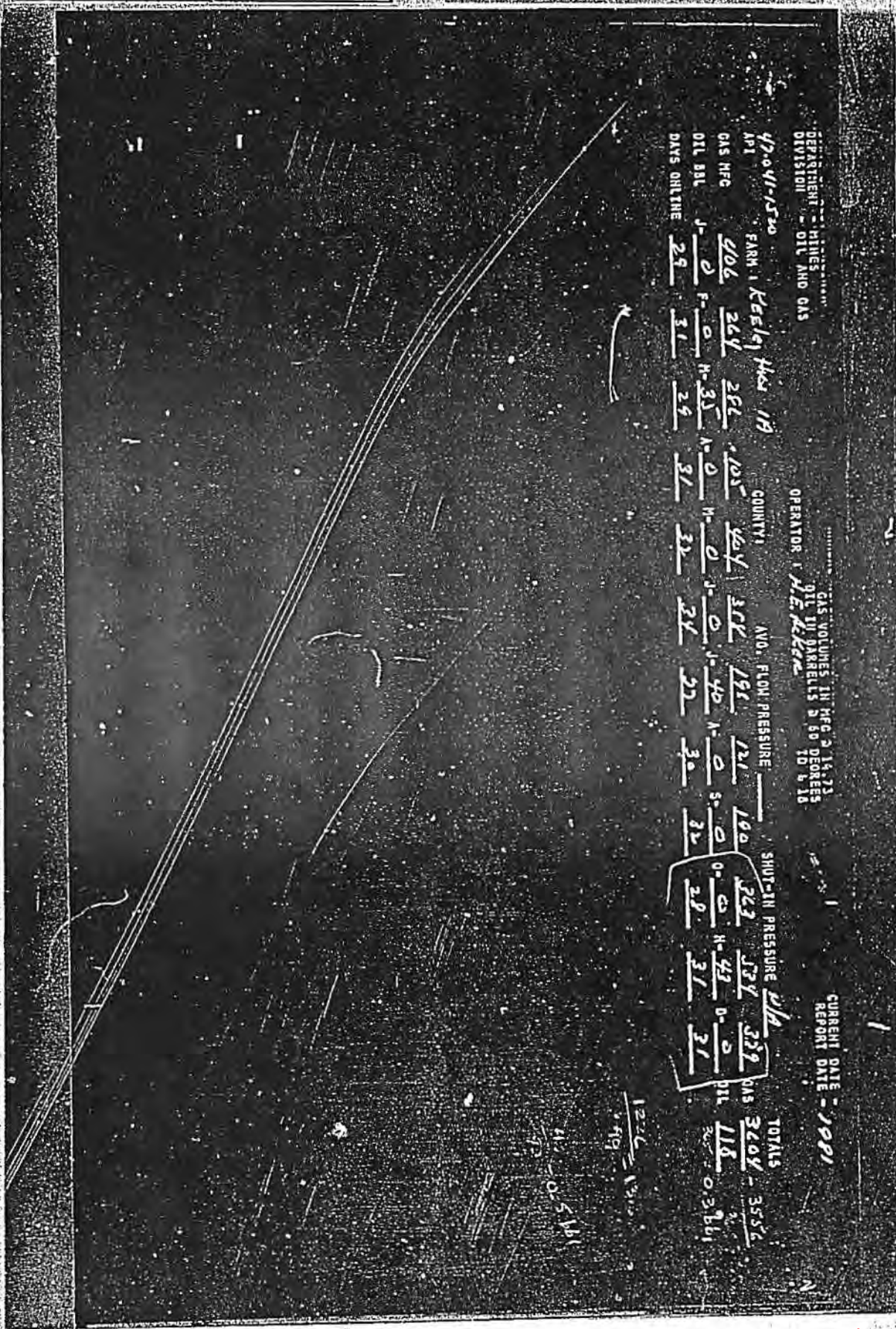
My term of office expires on the 16 day of July, 19 83.

Jerry G. Maboner  
Notary Public

[NOTARIAL SEAL]



Amy Romano



47-041-1520

API	FARM	KEELYS HAS 1A	COUNTRY	AVG. FLOW PRESSURE	SHUT-IN PRESSURE	TOTALS
015 MFC	206	264	256	105	404	3604 - 3556
015 DRL	2	0	0	0	0	118
DAYS ON TIME	29	31	29	31	31	0.3861

DEPARTMENT - MINES  
DIVISION - OIL AND GAS

OPERATOR - J.E. Keeler

GAS VOLUMES IN MFC @ 14.73  
DIL IN BARRELS @ 50 TD @ 10  
10 @ 10

CURRENT DATE - 1991  
REPORT DATE - 1991

TOTALS  
3604 - 3556  
118  
0.3861

1226 = 1300  
412 - 0.5 lb/l

Amy Romano

DEPARTMENT - MINES  
 DIVISION - OIL AND GAS  
 OPERATOR - H. E. M. KAC  
 GAS VOLUMES IN MFC @ 14.73  
 OIL IN BARRELS @ 60 DEGREES  
 10 1 16  
 CURRENT DATE - 1/19/20  
 REPORT DATE - 1/19/20

API	FABRI	Kelly #	COUNTY	LEWIN	AVG. FLOW PRESSURE	SHUT-IN PRESSURE	TOTALS
47-041-1570	281	292	212	603	212	657	2821
GAS MFC	411	281	292	603	212	657	2821
OIL OBL	1-0	1-0	1-0	1-0	1-0	1-0	342
DAYS ONLINE	22	21	20	29	23	22	

4101520P

WW-4A  
Revised 6-07

1) Date: March 12, 2014  
2) Operator's Well Number  
13065  
3) API Well No.: 47 - 041 - 01520

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

<b>4) Surface Owner(s) to be served:</b>	<b>5) (a) Coal Operator</b>
(a) Name <u>Dominion Transmission, Inc. ✓</u>	Name <u>Eastern Associated Coal ✓</u>
Address <u>445 West Main Street</u>	Address <u>P.O. Box 1233</u>
<u>Clarksburg, WV 26301</u>	<u>Charleston, WV 25324-1233</u>
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name _____
	Address _____
(c) Name _____	Name _____
Address _____	Address _____
<b>6) Inspector</b>	(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>	

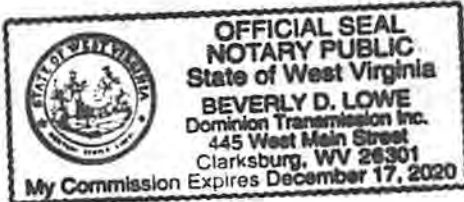
**TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:**

- (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 *James D. Blasingame 4/14/14*  
 Its: Director of Storage  
 Address 445 West Main Street  
Clarksburg, WV 26301  
 Telephone 304-624-8000



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

4101520P

**SURFACE OWNER WAIVER**

Operator's Well  
Number

13065

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

The well operator named on page WW-4A is applying for a permit from the State to plug and abandon a well. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.

**NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.  
WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:**

Chief, Office of Oil and Gas  
Department of Environmental Protection  
601 57<sup>th</sup> St. SE  
Charleston, WV 25304  
(304) 926-0450

**Time Limits and methods for filing comments.** The law requires these materials to be served on or before the date the operator files his Application. You have **FIVE (5) DAYS** after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

**Comments must be in writing.** Your comments must include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

The Chief has the power to deny or condition a well work permit based on comments on the following grounds:

- 1) The proposed well work will constitute a hazard to the safety of persons.
- 2) The soil erosion and sediment control plan is not adequate or effective;
- 3) Damage would occur to publicly owned lands or resources;
- 4) The proposed well work fails to protect fresh water sources or supplies;
- 5) The applicant has committed a substantial violation of a previous permit or a substantial violation of one or more of the rules promulgated under Chapter 22, and has failed to abate or seek review of the violation...".

**If you want a copy of the permit as it is issued or a copy of the order denying the permit, you should request a copy from the Chief.**

**VOLUNTARY STATEMENT OF NO OBJECTION**

I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice and Application For A Permit To Plug And Abandon on Forms WW-4A and WW-4B, and a survey plat.

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

FOR EXECUTION BY A NATURAL PERSON  
ETC.

FOR EXECUTION BY A CORPORATION,

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

Name \_\_\_\_\_  
By DOMINION TRANSMISSION INC.  
Its DESIGNATED AGENT Date 4/14/14  
DIRECTOR GAS STORAGE

Signature \_\_\_\_\_ Date \_\_\_\_\_  
JAMES D. BLASINGAME 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 13065  
DOMINION TRANSMISSION, INC.  
FREEMANS CREEK DISTRICT, LEWIS COUNTY, WEST VIRGINIA**

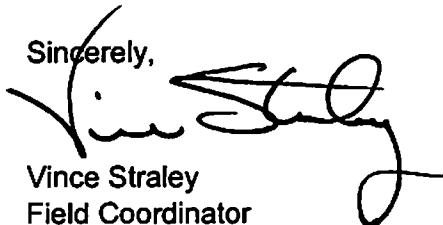
Dear Sirs,

On behalf of our client, Dominion Transmission, Inc., we wish to advise you that existing well 13065 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 13065 Eastern

Office  
4/30/14  
12-502-4  
12-502-4

41 015 20P

13065

5069 02420 2420 9305  
7012 2210 0002 2420 0122 2107

**U.S. Postal Service™**  
**CERTIFIED MAIL™ RECEIPT**  
*(Domestic Mail Only; No Insurance Coverage Provided)*

For delivery information visit our website at [www.usps.com](http://www.usps.com)

OFFICIAL USE

Postage	\$ 1.61
Certified Fee	3.30
Return Receipt Fee (Endorsement Required)	2.70
Restricted Delivery Fee (Endorsement Required)	
<b>Total Postage &amp; Fees</b>	<b>\$ 7.61</b>



Send To  
 To  
 or  
 City  
**EASTERN ASSOCIATED COAL CORP**  
**PO BOX 1233**  
**CHARLESTON WV 25324-1233**

PS Form 3800, August 2006

See Reverse for Instructions

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 1139.42 County Lewis District Freemans Creek

Description of anticipated Pit Waste: Cement Returns

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

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.

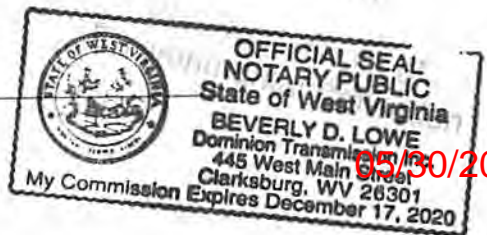
I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is 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 4/14/14  
Company Official (Typed Name) James D. Blasingame  
Company Official Title Director of Storage

Subscribed and sworn before me this 14<sup>th</sup> day of April, 2020

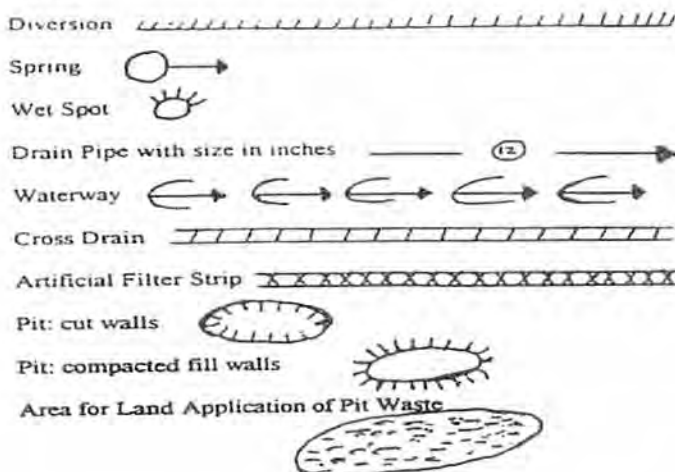
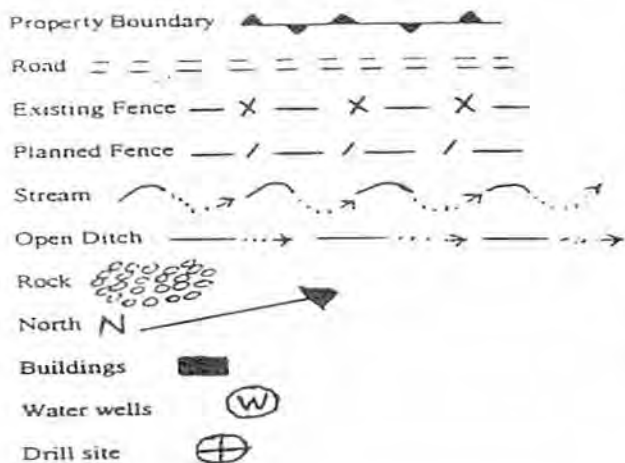
Beverly D. Lowe Notary Public

My commission expires December 17, 2020



04/30/2014

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 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.

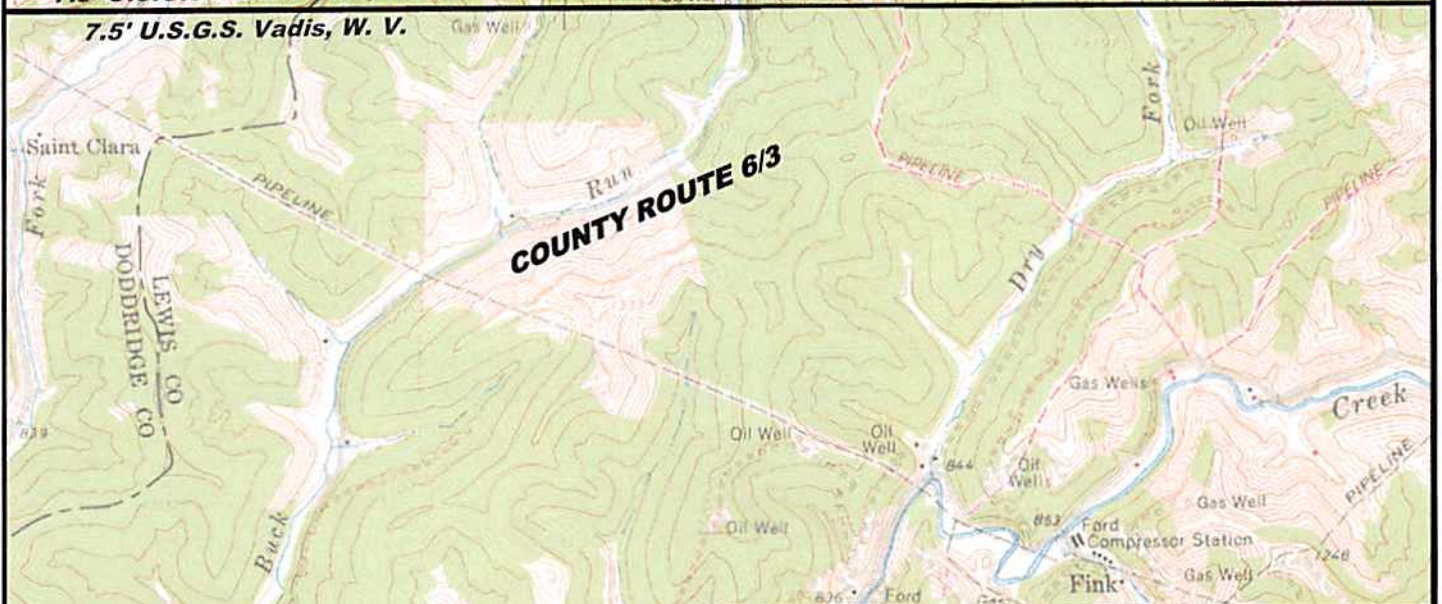
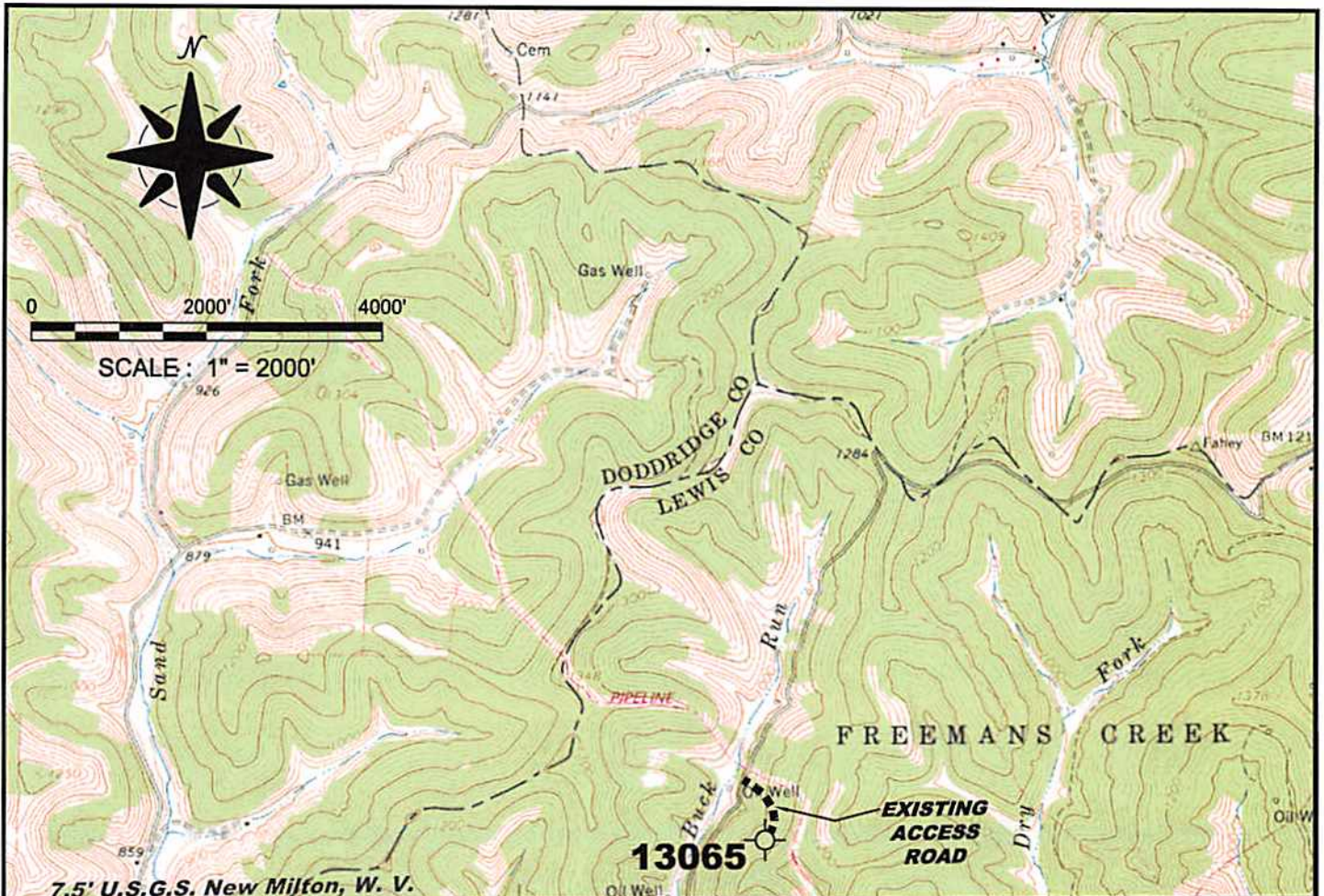
Plan Approved by: Benny Dillip

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

Title: inspector Date: 4-28-14

Field Reviewed? (  ) Yes (  ) No





**DOMINION TRANSMISSION, INC.**

**WELL #13065 B.S. 4-28-17**  
**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.**

**05/30/2014**

9.025'

LATITUDE 39°10'00"

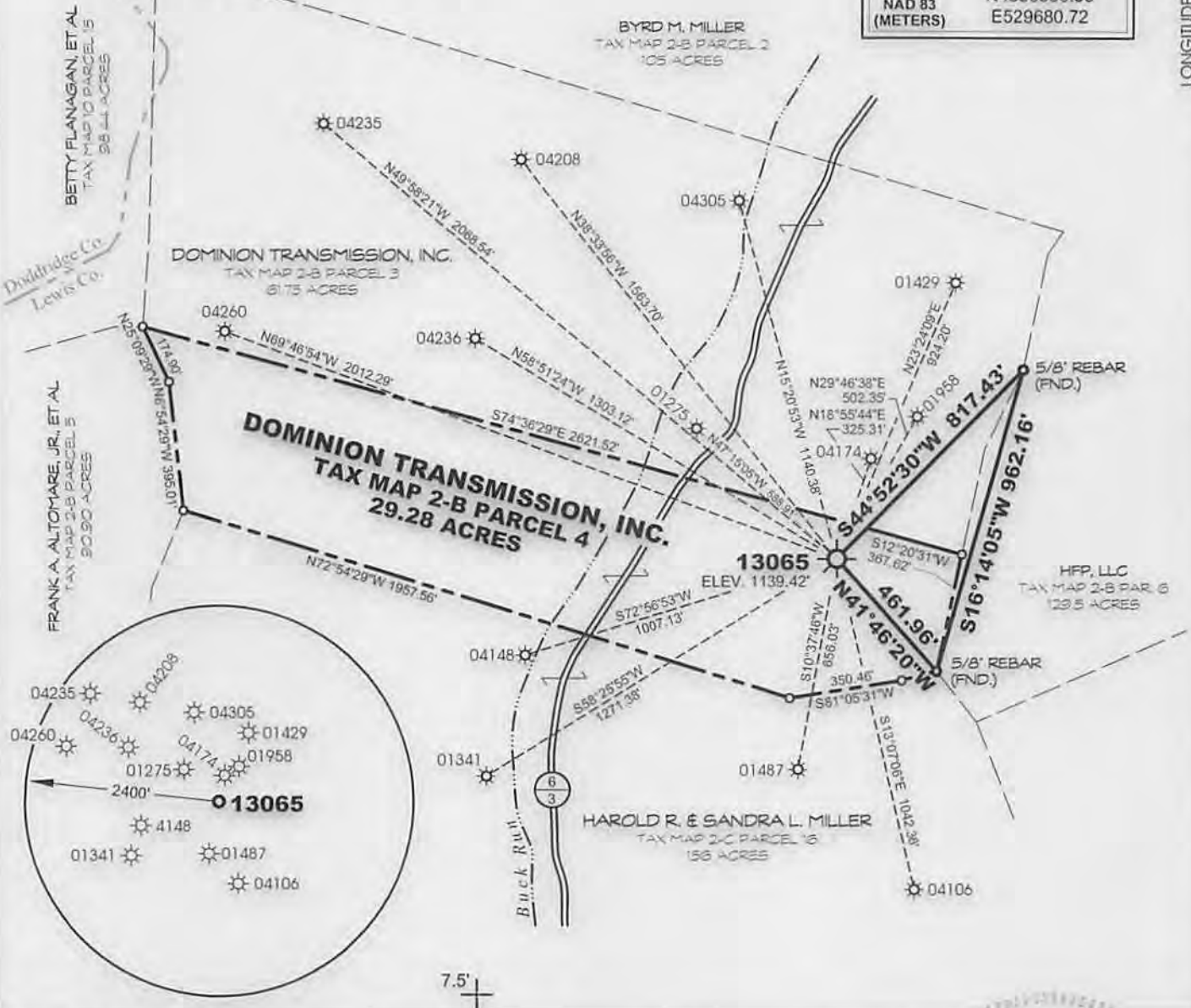
LONGITUDE 80°37'30"

14.480'

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



WELL 13065	
NAD 83	LAT. 39°07'37.34" LONG. 80°39'23.83"
UTM NAD 83 (METERS)	N4330930.50 E529680.72



**MSES consultants, inc.**

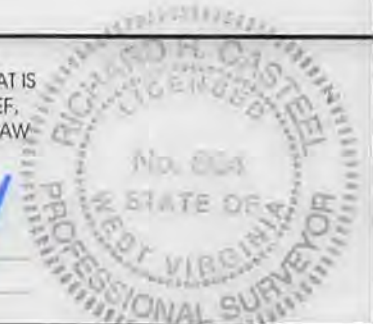
FILE NO. 12-502-Well13065-WellPlat  
 DRAWN BY RRC / MVS  
 SCALE 1" = 500'  
 MIN. DEGREE OF ACCURACY 1 IN 2500  
 PROVEN SOURCE OF ELEVATION:  
DGPS (SUBMETER MAPPING GRADE)

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

(SIGNED)

*Richard P. Castel*

R.P.E. P.S. 864



**STATE OF WEST VIRGINIA**

DEPARTMENT OF MINES

**OIL AND GAS DIVISION**



DATE FEBRUARY 24 20 14

OPERATOR'S WELL NO. 13065

API WELL NO.

**47** **041** **01520 P**  
 STATE COUNTY PERMIT NO.

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

LOCATION: ELEVATION 1139.42' WATERSHED BUCK RUN OF FINK CREEK  
 DISTRICT FREEMANS CREEK COUNTY LEWIS  
 QUADRANGLE NEW MILTON NEAREST TOWN FINK

SURFACE OWNER DOMINION TRANSMISSION, INC. ACREAGE 29.28  
 OIL & GAS ROYALTY OWNER DOMINION TRANSMISSION, INC. LEASE ACREAGE 29.28

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 GANTZ ESTIMATED DEPTH 2532'  
 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

FORM IV-6

COUNTY

041

PERMIT NO.



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 13065**  
**DOMINION TRANSMISSION, INC.**

Dear Sirs,

On behalf of our client, Dominion Transmission, Inc., please find enclosed the permit application for Dominion Well 13065.

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

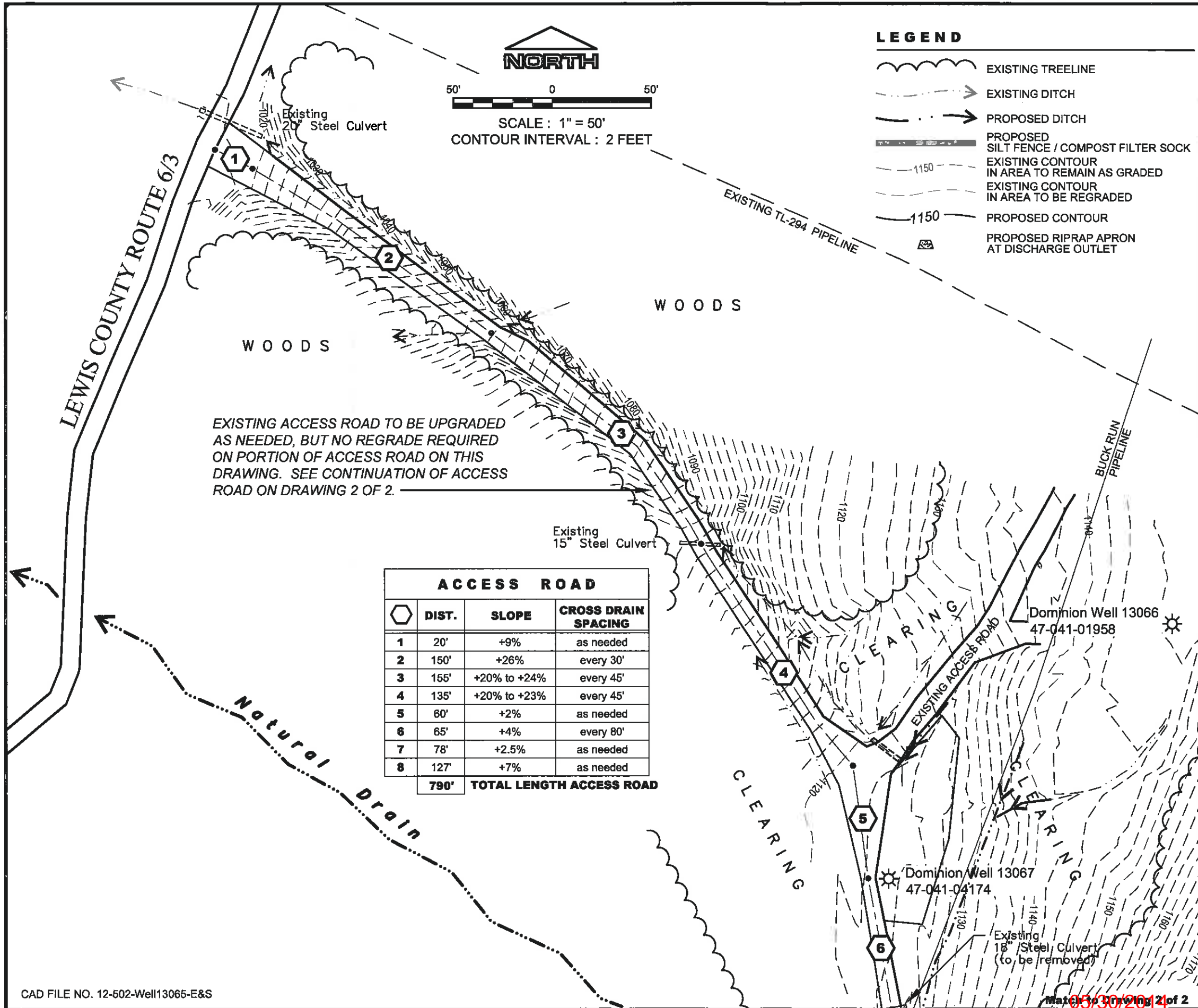
File: 13065-1

RECEIVED  
Office of Oil and Gas

MAY 09 2014

Department of  
Environmental Protection

F:\On-going\Projects\12-502 Dominion 2013 Well Permitting\12-502 INDIVIDUAL WELLS\Well\_13065 Freemans Creek - Lewis\13065 Engineering\12-502-Well\13065-E&S REVISED 2014-3-24.dwg, 3/25/2014 8:14:54 AM, Wayne Reinhart, DWG To PDF.pc3



**REFERENCE**

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

LAND USE	EXISTING WELL SITE
24-HOUR RAINFALL FREQUENCY FOR 10 YEARS	3.56 inches
WATERSHED AREA ABOVE SITE	3.02 Acres
WATERSHED INFO.	WELL SITE IS 650± EAST OF BUCK RUN OF FINK CREEK
DISTURBANCE	DISTURBED AREA
WELL SITE	45± x 126± Pad 0.20 Acre
ACCESS ROAD	8' Wide x 790' Long 0.33 Acre
TOTAL AREA	0.53 Acre

**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 710' OF EXISTING ACCESS ROAD TO DOMINION WELL 13065 IS TO BE UTILIZED. THE INITIAL 585' OF ACCESS ROAD IS TO BE UPGRADED IF NEEDED. THE REMAINING 125' OF EXISTING ACCESS ROAD IS TO BE REGRADED AS SHOWN TO THE WELL PAD. THE WELL PAD IS ALSO TO BE REGRADED AS SHOWN. THE EXISTING ELEVATION AT THE WELL HEAD IS TO BE MAINTAINED, AS SUPPORTED BY THE GRADING PLAN.

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.

Freemans Creek District  
Lewis County  
West Virginia

**DOMINION TRANSMISSION, INC.**

**WELL #13065**  
**EROSION & SEDIMENTATION CONTROL**  
**WELL LOCATION & ACCESS ROAD**

Drawn by	SARC/RVS	3/14
Engineer	RRC	2/13
Checked by	RVS	3/14
		Date

Scale: AS SHOWN

Prepared by: **MSES consultants, inc.**

1 of 2

F:\On-going\Projects\12-502 Dominion 2013 Well Permitting\12-502 INDIVIDUAL WELLS\Well 13065 Freemans Creek - Lewis\13065 E&S REVISED 2014-3-24.dwg, 3/25/2014 8:15:15 AM, Wayne Reinhart, 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.

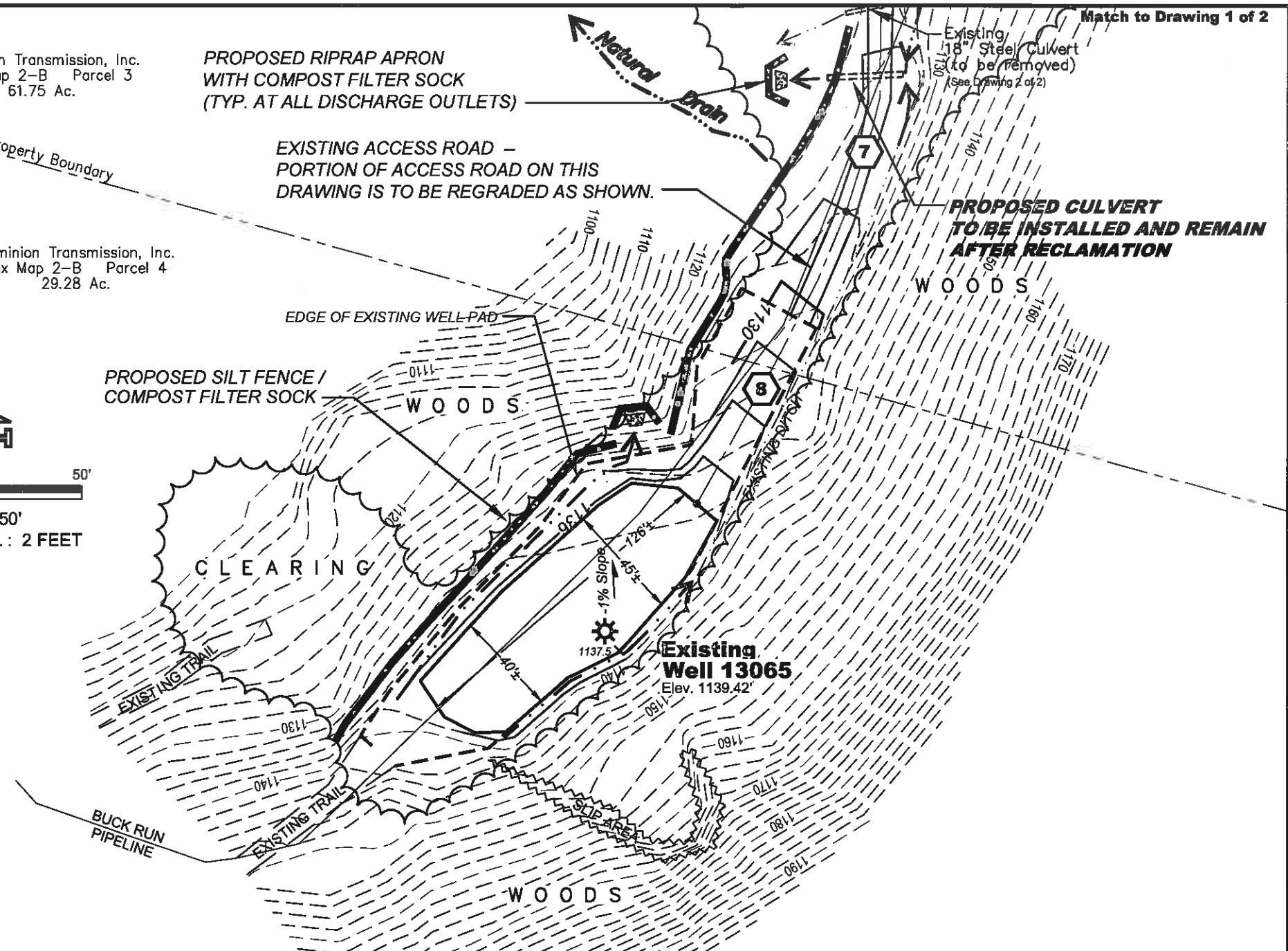
**PROPOSED RIPRAP APRON  
WITH COMPOST FILTER SOCK  
(TYP. AT ALL DISCHARGE OUTLETS)**

**EXISTING ACCESS ROAD -  
PORTION OF ACCESS ROAD ON THIS  
DRAWING IS TO BE REGRADED AS SHOWN.**

**PROPOSED CULVERT  
TO BE INSTALLED AND REMAIN  
AFTER RECLAMATION**



50' 0 50'  
SCALE : 1" = 50'  
CONTOUR INTERVAL : 2 FEET



**LEGEND**

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

**DOMINION TRANSMISSION, INC.**

**WELL #13065  
EROSION & SEDIMENTATION CONTROL  
WELL LOCATION & ACCESS ROAD (cont'd)**

Drawn by	SARC/RVS	3/14
Engineer	RRC	2/13
Checked by	RVS	3/14
		Date

Scale  
AS SHOWN

2 of 2

Prepared by **MSES consultants, inc.**