



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

April 28, 2014

WELL WORK PERMIT

Re-Work

This permit, API Well Number: 47-3300597, 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.

Please be advised that form WR-35, Well Operators Report of Well Work is to be submitted to this office within 90 days completion of permitted well work, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

In addition to the applicable requirements of this permit, and the statutes and rules governing oil and gas activity in WV, this permit may contain specific conditions which must be followed. Permit conditions are attached to this cover letter.

Per 35CSR-4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced. If there are any questions, please feel free to contact me at (304) 926-0499 ext. 1654.

James Martin
Chief

Operator's Well No: 11423
Farm Name: JENKINS, WILLIAM & VIRGINIA
API Well Number: 47-3300597
Permit Type: Re-Work
Date Issued: 04/28/2014

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. If the operator encounters an unanticipated void, or an anticipated void at an unanticipated depth, the operator shall notify the inspector within 24 hours. Modifications to the casing program may be necessary to comply with W. Va. Code § 22-6-20, which requires drilling to a minimum depth of thirty feet below the bottom of the void, and installing a minimum of twenty (20) feet of casing. Under no circumstance should the operator drill more than fifty (50) feet below the bottom of the void or install less than twenty (20) feet of casing below the bottom of the void.
2. Pursuant to 35 CSR § 4-19.1.a, at the request of the surface owner all water wells or springs within 1000 feet of the proposed well that are actually utilized for human consumption, domestic animals or other general use shall be sampled and analyzed.
3. Pursuant to 35 CSR § 4-19.1.c, if the operator is unable to sample and analyze any water well or spring within one thousand (1,000) feet of the permitted well location, the Office of Oil and Gas requires the operator to sample, at a minimum, one water well or spring located between one thousand (1,000) feet and two thousand (2,000) feet of the permitted well location.
4. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
5. 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.
6. During the surface casing and cementing process, in the event cement does not return to the surface, or any other casing string that is permitted to circulate cement to the surface and does not return to the surface, the oil and gas inspector shall be notified within twenty-four (24) hours.
7. Well work activities shall not constitute a hazard to the safety of persons.

APR 14 2014

WW - 2B
(Rev. 8/10)

WV Department of
Environmental Protection

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WELL WORK PERMIT APPLICATION

1) Well Operator: Dominion Transmission, Inc. 307048 Harrison Grant Berlin 7.5'
Operator ID County District Quadrangle

2) Operator's Well Number: 11388 3) Elevation: 1,246'

4) Well Type: (a) Oil _____ or Gas X
(b) If Gas: Production X / Underground Storage _____
Deep _____ / Shallow X

5) Proposed Target Formation(s): Balltown Proposed Target Depth: 2,260

6) Proposed Total Depth: 2,230 - 2,260 Feet Formation at Proposed Total Depth: Fifth Sand

7) Approximate fresh water strata depths: 975'

8) Approximate salt water depths: None

9) Approximate coal seam depths: 162', 265', 505'

10) Approximate void depths, (coal, Karst, other): None listed in offset well data or well record

11) Does land contain coal seams tributary to active mine? None

12) Describe proposed well work and fracturing methods in detail (attach additional sheets if needed)

Re-work - squeeze cement behind 4-1/2" pipe and frac Balltown with sand and water.

13) **CASING AND TUBING PROGRAM**

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft	For Drilling	Left in Well	Fill -up (Cu. Ft.)
Conductor						
Fresh Water	13"			Existing-see well record	Existing-see well record	CTS
Coal						
Intermediate	8.25"			Existing-see well record	Existing-see well record	CTS
Production	4.5"	J-55		2,452'	2,452	100 Sacks
Tubing						
Liners						

Packers: Kind: _____
Sizes: _____
Depths Set _____

05/02/2014

**INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE
Chapter 22, Article 6, Section 8(d)
IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)**

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that –

- (1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page
Sidney & Virginia Haymond	South Penn Oil Co.	1/8	121/154
South Penn Oil Co.	Dominion Transmission	W.I.	204/402

**Acknowledgement of Possible Permitting/Approval
In Addition to the Office of Oil and Gas**

The permit applicant for the proposed well work addressed in this application hereby acknowledges the possibility of the need for permits and/or approvals from local, state, or federal entities in addition to the DEP, Office of Oil and Gas, including but not limited to the following:

- WV Division of Water and Waste Management
- WV Division of Natural Resources
- WV Division of Highways
- U.S. Army Corps of Engineers
- U.S. Fish and Wildlife Service
- County Floodplain Coordinator

The applicant further acknowledges that any Office of Oil and Gas permit in no way overrides, replaces, or nullifies the need for other permits/approvals that may be necessary and further affirms that all needed permits/approvals should be acquired from the appropriate authority before the affected activity is initiated.

RECEIVED
Office of Oil and Gas

Well Operator:
By:Its:

Dominion Transmission, Inc.
James D. Blasingame, Designated Agent and Director of Storage

APR 14 2014

**INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE
Chapter 22, Article 6, Section 8(d)
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- (1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page
Hazel Kletter et al	Hope Natural Gas Co.	1/8	783/410
Hope Natural Gas Company merged with Supply Corporation by Agreement dated 11-18-71 Consolidated Gas Transmission Corporation by effective 1-1-88, Consolidated Gas Transmission Corporation became Dominion Transmission, Inc. dated 5-10-2000 filed in Harrison County	New York State Natural Gas Company on recorded in Book 996 at Page 672. Consolidated Assignment dated 3-1-84 recorded in Book 1138 Corporation is now CNG Transmission Corporation. effective 4-11-2000. Amended Certificate Deed Book 58 Page 382.	4-1-65 and formed Gas Supply Corporation at Page 250. By As a result of a merger, of Authority with the	Consolidated Gas changed its name to corporate name change CNG Transmission State of West Virginia

**Acknowledgement of Possible Permitting/Approval
In Addition to the Office of Oil and Gas**

The permit applicant for the proposed well work addressed in this application hereby acknowledges the possibility of the need for permits and/or approvals from local, state, or federal entities in addition to the DEP, Office of Oil and Gas, including but not limited to the following:

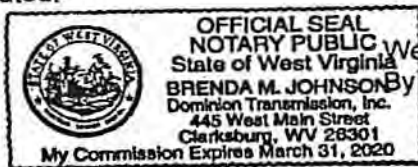
- WV Division of Water and Waste Management
- WV Division of Natural Resources
- WV Division of Highways
- U.S. Army Corps of Engineers
- U.S. Fish and Wildlife Service
- County Floodplain Coordinator

RECEIVED
Office of Oil and Gas

APR 28 2014

WV Department of
Environmental Protection

The applicant further acknowledges that any Office of Oil and Gas permit in no way overrides, replaces, or nullifies the need for other permits/approvals that may be necessary and further affirms that all needed permits/approvals should be acquired from the appropriate authority before the affected activity is initiated.



Well Operator:
By its:

James D. Blasingame 4/23/14
 Dominion Transmission, Inc.
 James D. Blasingame, Designated Agent and Director of Storage

Brenda M. Johnson April 23, 2014

3300597 R
CK 17900
65000

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WELL WORK PERMIT APPLICATION

1) Well Operator: Dominion Transmission, Inc. 307048 Harrison Grant West Milford 7.5'
Operator ID County District Quadrangle

2) Operator's Well Number: 11423 3) Elevation: 1,192'

4) Well Type: (a) Oil _____ or Gas X
(b) If Gas: Production X / Underground Storage _____
Deep _____ / Shallow X

5) Proposed Target Formation(s): Balltown Proposed Target Depth: 3,200'

6) Proposed Total Depth: 3,300 Feet Formation at Proposed Total Depth: Balltown

7) Approximate fresh water strata depths: 45'

8) Approximate salt water depths: None

9) Approximate coal seam depths: None

10) Approximate void depths, (coal, Karst, other): None listed in offset well data or well record

11) Does land contain coal seams tributary to active mine? None

12) Describe proposed well work and fracturing methods in detail (attach additional sheets if needed)

Re-work - squeeze cement behind 4-1/2" pipe and frac Balltown with sand and water.

Handwritten signature and date: 4/18/14

13) **CASING AND TUBING PROGRAM**

TYPE	SPECIFICATIONS			FOOTAGE	INTERVALS	CEMENT
	Size	Grade	Weight per ft	For Drilling	Left in Well	Fill -up (Cu. Ft.)
Conductor						
Fresh Water	13"			Existing-see well record	Existing-see well record	CTS
Coal						
Intermediate	8.25"			Existing-see well record	Existing-see well record	CTS
Production	4.5"	J-55		4,497	4,497	200 Sacks
Tubing						
Liners						

Received

Packers: Kind: _____
Sizes: _____
Depths Set _____

MAR 24 2014

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DEC 29 1971

OIL & GAS DIVISION DEPT. OF MINES

Form OO-10



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

Rotary [checked] Spudder [] Cable Tools [] Storage []

Quadrangle Weston, W. Va. CC

Permit No. HAR-597

WELL RECORD

Oil or Gas Well []

Company Consolidated Gas Supply Corporation Address Clarksburg, West Virginia Farm Hazel Kieffer Acres 89.5 Location (waters) Duck Creek Well No. 11423 Elev. 1191' District Grant County Harrison The surface of tract is owned in fee by David L. Cross Address Weston, W. Va. Mineral rights are owned by (Same as Above) Address Drilling commenced 12-01-71 Drilling completed 12-19-71 Date Shot From To With

Table with columns: Coding and Tubing Size, Used in Drilling, Left in Well, Packers. Includes data for sizes 16, 13, 10, 8 1/4, 6 3/4, 5 3/16, 4 1/2, 3, 2 and packer details.

Open Flow /10ths Water in Inch Dry Hole /10ths Merc. in Inch Volume Cu. Ft. Rock Pressure lbs. hrs. Oil bbls. in 24 hrs. WELL ACIDIZED (DETAILS) NO WELL FRACTURED (DETAILS) NO

Attach copy of cementing record. CASINO CEMENTED 1 1/2" SIZE to surface No. Ft. 12/71 Date Amount of cement used (bags) 13"-170 size; 8" 800 cu. ft. Name of Service Co. COAL WAS ENCOUNTERED AT NONE FEET INCHES FEET INCHES FEET INCHES

RESULT AFTER TREATMENT (Initial open Flow or bbls.) ROCK PRESSURE AFTER TREATMENT HOURS Fresh Water 45 Feet Salt Water Feet Producing Sand Dry Hole Depth 4530'

Large stratigraphic log table with columns: Formation, Color, Hard or Soft, Top, Bottom, Oil Gas or Water, Depth, Remarks. Lists various geological layers from 0 to 1980 feet depth.

Received

MAR 24 2014

Office of Oil and Gas WV Dept. of Environmental Protection 05/02/2014

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Sand & shale	1980	2000
Shale & sand	2000	2320
5th Sand	2320	2350
Shale	2350	2900
Sand & shale	2900	2935
Sandy Shale	2935	4345
BEWSON	4345	4365
Shale	4365	4530

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Office of Oil and Gas
WV Dept. of Environmental Protection

05/02/2014

FORM OC-9

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

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JAN 12 1972

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPPLICATE. ONE COPY MAILED TO THE DEPARTMENT, ONE COPY TO BE KEPT BY THE WELL OPERATOR AND THE THIRD COPY (AND EXTRA COPIES IF REQUIRED) SHOULD BE MAILED TO EACH COAL OPERATOR AT THEIR RESPECTIVE ADDRESSES.

No. Operation Consolidated Gas Supply Corporation
COAL OPERATOR OR OWNER NAME OF WELL OPERATOR

Clarksburg, West Virginia
ADDRESS COMPLETE ADDRESS

No. Coal December 20, 19 71.
COAL OPERATOR OR OWNER WELL AND LOCATION

Grant Harrison District County

David L. Cross
LEASE OR PROPERTY OWNER
532 Glenn Avenue
Weston, West Virginia
ADDRESS

Hazel Kieffer Farm
Well No. 11423

STATE INSPECTOR SUPERVISING PLUGGING William Blosser

AFFIDAVIT

STATE OF WEST VIRGINIA.

County of Harrison

ss: E. E. Ryers and Frank Bailey
 being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Consolidated Gas Supply Corp., well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 5th day of January, 1972, and that the well was plugged and filled in the following manner:

BAND OR ZONE RECORD	FILLING MATERIAL			PLUGS USED	CASING	
	FORMATION	CONTENT	FROM TO		SIZE & KIND	CGG PULLED
		Aquagel	4532 4360	13"		326'
		KCement	4360 4300	8-5/8"		2002'
		Aquagel	4300 2650			
		Cement	2650 1900			
		Aquagel	1900 300			
		Cement	300 Surface			
COAL SEAMS				DESCRIPTION OF MONUMENT		
(NAME)				Size 7" x 13" long, 10' underground, 3'		
(NAME)				2' Above Ground W/ Co. No. 11423 &		
(NAME)				Date of Abandonment.		
(NAME)						

and that the work of plugging and filling said well was completed on the 5th day of January, 19 72.

And further deponents saith not.

Sworn to and subscribed before me this 7 day of January, 19 72

My commission expires:

July 9, 1973

Edna E. Deers
Frank Bailey
Anna O. Riley
 Notary Public.

Permit No. WV-522-F

Receiver

MAR 24 2014

Office of Oil and Gas
WV Dept. of Environmental F.
05/02/2014



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division

WELL RECORD

Quadrangle WESTON
Permit No. HAR-597-RED.

Rotary _____ Oil _____
Cable _____ Gas _____
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kia)

Company Consolidated Gas Supply Corporation
Address Clarksburg, W. Va.
Farm Hazel Kieffer Acres 89 1/2
Location (waters) Duck Creek
Well No. 11423 Elev. 1191'
District Grant County Harrison
The surface of tract is owned in fee by David L. Cross, et al
Address Weston, W. Va.
Mineral rights are owned by Same
Address _____

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sk.)
Size 20-16			
Cond. 1300X	323'	323'	To surface
9 5/8			
8 5/8	2002'	2002'	To surface
7			
5 1/2			
4 1/2	1197'	1197'	380 bags
3			
2			
Liners Used			

Re-Drilling Commenced 7-20-77
Re-Drilling Completed 9-7-77
Initial open flow _____ cu. ft. _____ bbls.
Final production 1970 cu. ft. per day _____ bbls.
Well open 2.5 hrs. before test 1970 RP.

Well treatment details:

Attach copy of cementing record.

Well fractured in Benson with 50,000# sand, 700 bbl water and 500 gal 15% acid
Perforations: 1347'-1352' with 15 holes

Fractured in Balltown with 50,000# sand, 750 bbl water and 750 gal 15% acid
Perforations: 3236'-3240' - 3255'-3258' with 14 holes.

Coal was encountered at None Feet _____ Inches _____
Fresh water 15' Feet _____ Salt Water None Feet _____
Producing Sand Benson & Balltown Depth See perfor

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
No change from original drilling log. See Permit No. HAR-597 & Form OG-R for plugging.						

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MAR 24 2014

Office of Oil and Gas
WV Dept. of Environmental Protection

Consolidated Gas Supply Corporation
1145 West Main Street
Clarksburg, W. Va.

* Indicates Electric Log tops in the remarks section.

(over)

2-A
O

FORM NO. 68-100-77

CONSOLIDATED GAS SUPPLY CORPORATION **HAR 597**

Kennedy District 321 WORK ORDER

RESPONSIBILITY LOCATION NAME & NUMBER: **Well 11/23** COMPLETION NOTICE **810-**

PROPERTY IDENTIFICATION: **Reval Koffler**

DESCRIPTION: **Drill new well**

LOCATION: **Harrison Grant WV**

MAP REFERENCE: **S5 N 22 E 12 W POOL**

Plat or Drawing Forwarded Yes No

HIGHWAY PROJECT NO. _____

WORK ORDER NOS.	
CONSTRUCTION	321 01520
RETIREMENT	

(IF REPLACEMENT, SHOW BOTH CONSTR. AND RELATED RETIREMENT W. O. S.)

CONSTRUCTION		RETIREMENT	
BUDGET NUMBER	R-6	BUDGET NUMBER	
ESTIMATED COST		ESTIMATED COST	
DATE WORK TO BE STARTED	August 1977	DATE WORK TO BE STARTED	
DATE WORK STARTED	07-21-77	DATE WORK STARTED	
DATE COMPLETED	10-25-77	DATE COMPLETED	
DATE PUT IN SERVICE OR AVAILABLE FOR SERVICE	10-25-77	DATE PUT IN SERVICE OR AVAILABLE FOR SERVICE	
FINAL TRANSFER NO.	353	FINAL TRANSFER NO.	
MONTH	November 1977	MONTH	

MATERIAL USED		MATERIAL RETIRED	
QUANTITY	DESCRIPTION	QUANTITY	DESCRIPTION
4,493 Ft.	4-1/2" Casing, 10.50', 5-55, R-2		
78 Ft.	12" Junk Pipe (well road)		
1 Ea.	8-5/8" x 4-1/2" Casing Head, Male		
2 Ea.	2" Valves, Gate, SC		
2 Ea.	2" Valves, Gate, BJ, 600#		
1 Ea.	4" x 4" x 2" Well Top		
1 Ea.	4-1/2" Float Shoe		
6 Ea.	4-1/2" Centralizers		
1 Ea.	4-1/2" Latch Down Ring		
1 Ea.	4-1/2" Latch Down Baffle		
	One lot miscellaneous fittings		

(IF ADDITIONAL SPACE IS NECESSARY, USE PLAIN WHITE PAPER)

APPROVED _____ AUTHORIZED SIGNATURE _____ DATE **December 2, 1977**

Office of Oil and Gas
WV Dept. of Environmental Protection

MAR 24 2014

Received

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WW-2A
(Rev. 6-07)

1). Date: _____
2.) Operator's Well Number 11423
State County Permit
3.) API Well No.: 47- 033 - 00597

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE AND APPLICATION FOR A WELL WORK PERMIT

4) Surface Owner(s) to be served: (a) Name William and Virginia Jenkins ✓
Address RR 3 Box 750
Lost Creek, WV 26385
(b) Name _____
Address _____
(c) Name _____
Address _____
6) Inspector Sam Ward
Address P.O. Box 2327
Buckhannon, WV 26201
Telephone 304-389-7583
5) (a) Coal Operator Name N/A
Address _____
(b) Coal Owner(s) with Declaration Name William L. and Virginia A. Jenkins ✓
Address RR3 Box 750
Lost Creek, WV 26385
(c) Coal Lessee with Declaration Name None found
Address _____

TO THE PERSONS NAMED ABOVE TAKE NOTICE THAT:

 Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas

OR
 x Included is the information required by Chapter 22, Article 6, Section 8(d) of the Code of West Virginia (see page 2)

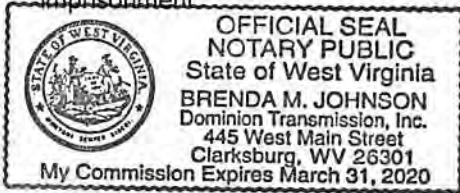
I certify that as required under Chapter 22-6 of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through on the above named parties by:

- x Personal Service (Affidavit attached)
- x Certified Mail (Postmarked postal receipt attached)
- Publication (Notice of Publication attached)

I have read and understand Chapter 22-6 and 35 CSR 4, and I agree to the terms and conditions of any permit issued under this application.

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, 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 and imprisonment.



Well Operator Dominion Transmission, Inc.
By: James D. Blasingame James D. Blasingame 3/12/14
Its: Designated Agent and Director of Storage
Address 445 West Main Street
Clarksburg, WV 26301
Telephone 304-669-4850

Subscribed and sworn before me this 12th day of March, 2014

Brenda M. Johnson Notary Public

My Commission Expires March 31, 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

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MAR 24 2014
Office of Oil and Gas
WV Dept. of Environmental Protection

05/02/2014

3300547R

VERIFIED MAIL™



7023 1720 0001 2370 3901

SMITH LAND SURVEYING, INC.
 P.O. Box 150
 Glenville, WV 26351

TO: WILLIAM & VIRGINIA JENKINS
 RR 3 BOX 750
 LOST CREEK, WV 26385

✓

Received

MAR 24 2014

Office of Oil and Gas
 WV Dept. of Environmental Protection

UNITED STATES POSTAGE
 \$007.00
 02 JP
 0003905199 MAR 10 2014
 MAILED FROM ZIP CODE 26351

05/02/2014

3300547R

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

WILLIAM & VIRGINIA JENKINS
 RR 3 BOX 750
 LOST CREEK, WV 26385

COMPLETE THIS SECTION ON DELIVERY

A. Signature Agent
X Addressee

B. Received by (Printed Name) Date of Delivery

C. Date of Delivery

D. Is delivery address different from item 1? Yes
 If YES, enter delivery address below: No

3. Service Type

Certified Mail Express Mail
 Registered Return Receipt for Merchandise
 Insured Mail C.O.D.

4. Restricted Delivery? (Extra Fee) Yes

2. Article Number (Transfer from service label) 7013 1720 0001 2370 3901

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-N-1540

Received

MAR 14 2014

Office of Oil and Gas
WV Dept. of Environmental Protection

05/02/2014



3300597 R

RECEIVED APR 02 2014

WW-2A Surface Waiver

SURFACE OWNER WAIVER

County Harrison Operator Dominion Transmission, Inc.
Operator well number 11423

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW2-A

The well operator named on page WW2A is applying for a permit from the State to do oil or gas well work. (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 **FIFTEEN (15) 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 a 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.

List of Water Testing Laboratories. The Office maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Chief to obtain a copy.

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 Well Work Permit on Form WW2-A, and attachments consisting of pages 1 through ___ including a work order on Form WW2-B, a survey plat, and a soil and erosion plan, all for proposed well work on my surface land as described therein.

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

FOR EXECUTION BY A CORPORATION, ETC.

William L. Jenkins
Signature

Date 3-28-14

Company Name _____
By _____
Its _____
Date _____

William L. Jenkins
Print Name

Signature _____
Date _____

RECEIVED
Office of Oil and Gas

05/02/2014
WV Department of Environmental Protection

WW-2A Coal Waiver

COAL OPERATOR, OWNER, OR LESSEE WAIVER

County Harrison
Operator Dominion Transmission, Inc. Operator's Well Number 11423

INSTRUCTIONS TO COAL OPERATOR, OWNER, OR LESSEE

To the coal operator, owner, or lessee named on page WW2-A. You are hereby notified that any objection you wish to make or are required to make by WV Code 22-6-15, 16 or 17, must be filed with the Chief of the Office of Oil and Gas within fifteen (15) days after the receipt of this application by the Office. Mail objections to:

Chief, Office of Oil and Gas
Department of Environmental Protection
601 57th St. SE
Charleston, WV 25304
(304) 926-0499 extension 1654

WAIVER

The undersigned coal operator _____ / owner _____ / lessee _____ / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of well location, the well location has been added to the mine map. 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.

FOR EXECUTION BY A NATURAL PERSON

FOR EXECUTION BY A CORPORATION, ETC.

William L. Anderson Date 3-28-14
Signature

Company Name _____
By _____
Its _____ Date _____

Signature _____ Date _____

WW-2A1
(Rev. 1/11)

Operator's Well Number 11423

**INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE
Chapter 22, Article 6, Section 8(d)
IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)**

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that –

- (1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page
Hazel Kieffer et al	Hope Natural Gas Co.	1/8	783/410

**Acknowledgement of Possible Permitting/Approval
In Addition to the Office of Oil and Gas**

The permit applicant for the proposed well work addressed in this application hereby acknowledges the possibility of the need for permits and/or approvals from local, state, or federal entities in addition to the DEP, Office of Oil and Gas, including but not limited to the following:

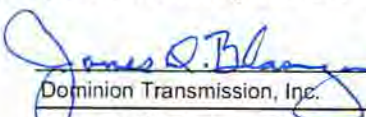
- WV Division of Water and Waste Management
- WV Division of Natural Resources
- WV Division of Highways
- U.S. Army Corps of Engineers
- U.S. Fish and Wildlife Service
- County Floodplain Coordinator

Received
MAR 24 2014

Office of Oil and Gas
WV Dept. of Environmental Protection

The applicant further acknowledges that any Office of Oil and Gas permit in no way overrides, replaces, or nullifies the need for other permits/approvals that may be necessary and further affirms that all needed permits/approvals should be acquired from the appropriate authority before the affected activity is initiated.

Well Operator:
By: Its:

 3/2/14

 Dominion Transmission, Inc.

 James D. Blasingame, Designated Agent and Director of Storage

3300597R

WW-9
(5/13)

Page _____ of _____
API Number 47 - _____ - _____
Operator's Well No. 11423

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name Dominion Transmission, Inc. OP Code 307048

Watershed (HUC 10) Tributary of Duck Creek Quadrangle West Milford 7.5'

Elevation 1,192' County Harrison District Grant

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes _____ No X

Will a pit be used for drill cuttings? Yes X No _____

If so, please describe anticipated pit waste: Rock cuttings/drilled solids, drilling and completion fluids

Will a synthetic liner be used in the pit? Yes X No _____ If so, what ml.? 60

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 _____)

JB
4/18/14

Will closed loop system be used? Air drilling operations - no; Fluid drilling operations (if necessary) - yes

Drilling medium anticipated for this well? Air, freshwater, oil based, etc. Air, foam/soap, fresh water, water based polymer mud

-If oil based, what type? Synthetic, petroleum, etc. N/A

Additives to be used in drilling medium? Drilling Mud - sodium/calcium/potassium chloride(s), starch, xanthan gum, sodium bicarbonate, caustic soda, biocide

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. Primary plan - Leave in pit; Alternate plan - Landfill

-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust) Cement or lime, depending on product availability

-Landfill or offsite name/permit number? If necessary to landfill, Meadowfill Landfill: R30-MSWLGP2011-03300128

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 3/12/14

Company Official (Typed Name) James D. Blasingame

Company Official Title Designated Agent and Director of Storage

MAR 24 2014


Office of Oil and Gas
WV Dept. of Environmental Protection

Subscribed and sworn before me this 12th day of March, 20 14

Brenda M. Johnson

My commission expires March 31, 2020

Notary Public



OFFICIAL SEAL
NOTARY PUBLIC
State of West Virginia
BRENDA M. JOHNSON
Dominion Transmission, Inc.
445 West Main Street
Clarksburg, WV 26301
My Commission Expires March 31, 2020

05/02/2014

Form WW-9

Operator's Well No. 11423

LEGEND

- Property Boundary
- Road
- Existing Fence
- Planned Fence
- Stream
- Open Ditch
- Rock
- North
- Buildings
- Water wells
- Drill site

- Diversion
- Spring
- Wet Spot
- Drain Pipe with size in inches
- Waterway
- Cross Drain
- Artificial Filter Strip
- Pit: cut walls
- Pit: compacted fill walls
- Area for Land Application of Pit Waste

Proposed Revegetation Treatment: Acres Disturbed 2.6 ± Prevegetation pH _____

Lime 3 Tons/acre or to correct to pH 6.5

Fertilizer (10-20-20 or equivalent) 1/3 TON lbs/acre (500 lbs minimum)

Mulch HAY 2 Tons/acre

Seed Mixtures

Seed Type	Area I	lbs/acre	Seed Type	Area II	lbs/acre
KY-31		40	ORCHARD GRASS		15
ALSIKE CLOVER		5	ALSIKE CLOVER		5
ANNUAL RYE		15			

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

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: _____

Comments: _____

Title: _____ Date: _____

Field Reviewed? () Yes () No

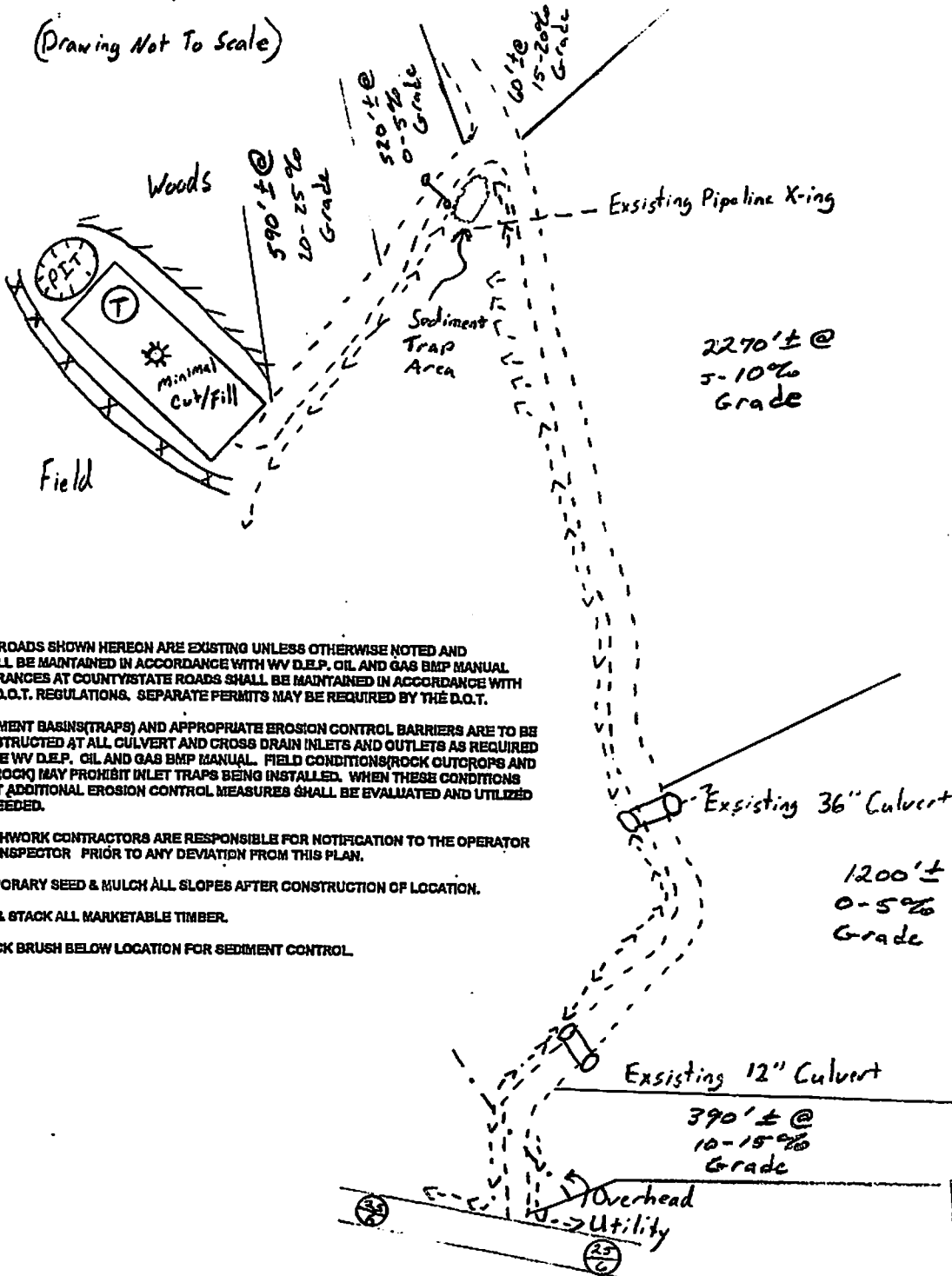
05/02/2014

HAZEL KIEFFER LEASE WELL NO. 11423

Form WW-9

page of

(Drawing Not To Scale)



ALL ROADS SHOWN HEREON ARE EXISTING UNLESS OTHERWISE NOTED AND SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.E.P. OIL AND GAS BMP MANUAL ENTRANCES AT COUNTY/STATE ROADS SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.O.T. REGULATIONS. SEPARATE PERMITS MAY BE REQUIRED BY THE D.O.T.

SEDIMENT BASINS (TRAPS) AND APPROPRIATE EROSION CONTROL BARRIERS ARE TO BE CONSTRUCTED AT ALL CULVERT AND CROSS DRAIN INLETS AND OUTLETS AS REQUIRED IN THE WV D.E.P. OIL AND GAS BMP MANUAL. FIELD CONDITIONS (ROCK OUTCROPS AND BEDROCK) MAY PROHIBIT INLET TRAPS BEING INSTALLED. WHEN THESE CONDITIONS EXIST ADDITIONAL EROSION CONTROL MEASURES SHALL BE EVALUATED AND UTILIZED AS NEEDED.

EARTHWORK CONTRACTORS ARE RESPONSIBLE FOR NOTIFICATION TO THE OPERATOR AND INSPECTOR PRIOR TO ANY DEVIATION FROM THIS PLAN.

TEMPORARY SEED & MULCH ALL SLOPES AFTER CONSTRUCTION OF LOCATION.

CUT & STACK ALL MARKETABLE TIMBER.

STACK BRUSH BELOW LOCATION FOR SEDIMENT CONTROL.

JB
4/18/14

Received

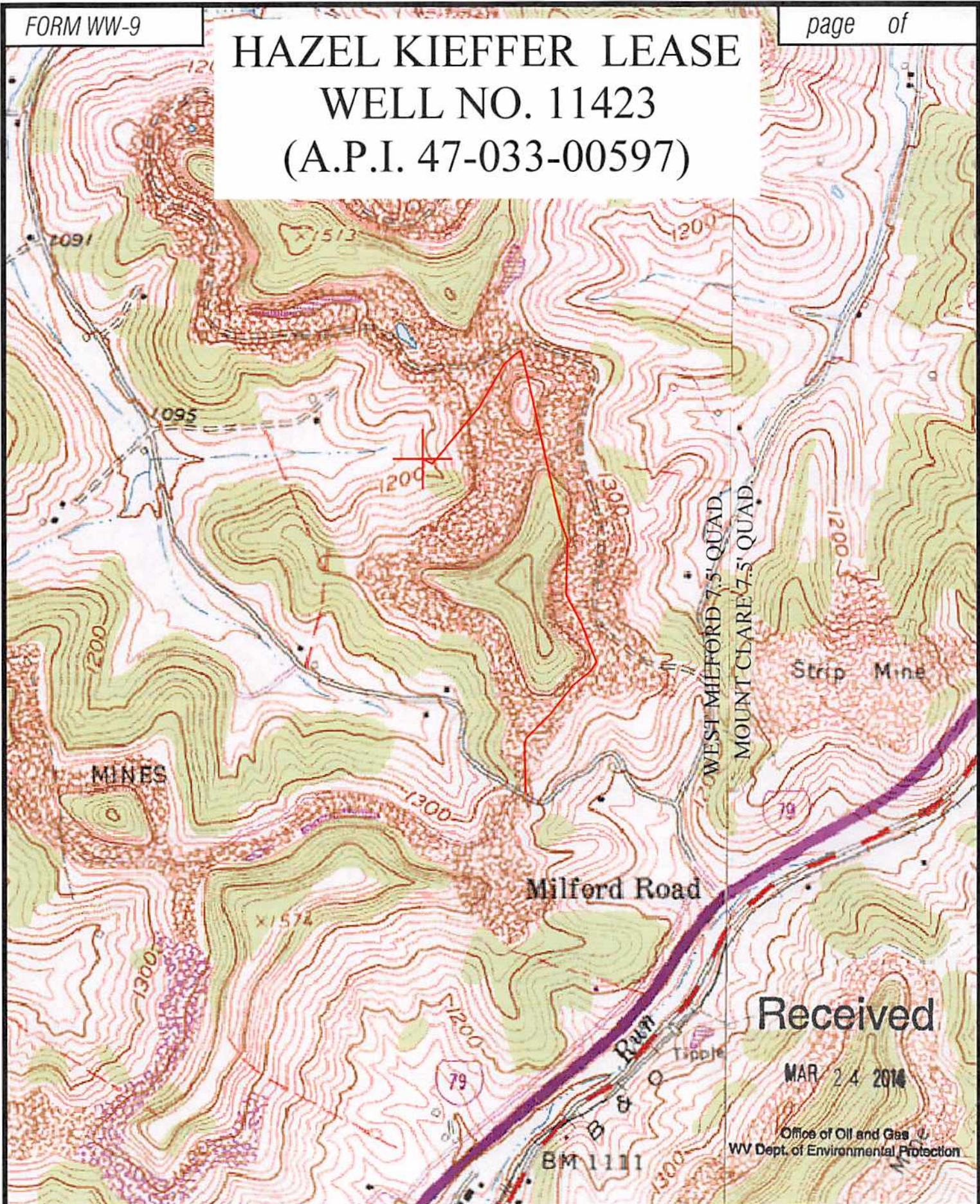
MAR 24 2014

Office of Oil and Gas
WV Dept. of Environmental Protection

SLS SMITH LAND SURVEYING, INC.
P.O. BOX 150 GLENVILLE, WV. 26351

Phone: (304) 462-5634 Fax: 462-5656 email: sls@slssurveys.com
DRAWN BY *MAS* DATE *2/6/14* FILE NO. *05/02/2014*

HAZEL KIEFFER LEASE WELL NO. 11423 (A.P.I. 47-033-00597)



Received

MAR 24 2014

Office of Oil and Gas
WV Dept. of Environmental Protection

Professional Energy Consultants
A DIVISION OF SMITH LAND SURVEYING

Surveyors
PROJECT MGMT. **SLS** ENGINEERS
ENVIRONMENTAL

P.O. Box 150
Clarksburg, WV 26301
(304) 462-2834 HONESTY. INTEGRITY. QUALITY.

30903 Clarksburg Business Plaza
Clarksburg, WV 26307
(304) 871-8911

TOPO SECTIONS OF: WEST MILFORD & MOUNT CLARE 7.5'
FILE NO. 8136 DATE: 03/05/14 SCALE: 1" = 1,000'

05/02/2014

NOTES ON SURVEY

1. TIES TO CORNERS ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM SOUTH ZONE NAD '27.
2. HIGHLIGHTED LEASE BOUNDARY SHOWN HEREON TAKEN FROM DEED BOOK 1155 AT PAGE 581.
3. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF HARRISON COUNTY IN JULY, 2013.
4. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS(MAPPING GRADE).

NAD'27 GRID NORTH

25 16

25 6

25 6

25 6

25 6

25 6

25 6

25 6

25 6

25 6

25 6

25 6



HAZEL KIEFFER LEASE
89.5 ACRES±
WELL NO. 11423
A.P.I. 47-033-00597

(S.P.C. NORTH ZONE) (UTM(M) ZONE 17 NORTH)
 NAD'27 S.P.C.(FT) N. 236,560.4 E. 1,749,348.1
 NAD'27 GEO. LAT.(N) 39.146112 LONG.(W) 80.383769
 NAD'83 UTM (M) N. 4,333,182 E. 553,267



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

P.S. 677
Gregory A. Smith



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE FEBRUARY 12, 20 14
 REVISED _____, 20 ____
 OPERATORS WELL NO. WV 11423
 API WELL NO. 47 - 33 - 00597R
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 8136P11423
 HORIZONTAL & VERTICAL CONTROL DETERMINED BY DGPS (MAPPING GRADE) SCALE 1" = 500'

STATE OF WEST VIRGINIA
 DIVISION OF ENVIRONMENTAL PROTECTION
 OFFICE OF OIL AND GAS

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

LOCATION:
 ELEVATION 1,192' WATERSHED TRIBUTARY OF DUCK CREEK
 DISTRICT GRANT COUNTY HARRISON QUADRANGLE WEST MILFORD 7.5'

SURFACE OWNER WILLIAM AND VIRGINIA JENKINS ACREAGE 83.51±
 ROYALTY OWNER HAZEL KIEFFER ACREAGE 89.5±

PROPOSED WORK:
 DRILL _____ CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE PLUG OFF OLD FORMATION _____ PERFORATE NEW FORMATION PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____ OTHER _____
 PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION BALLTOWN ESTIMATED DEPTH 3,200'

WELL OPERATOR DOMINION TRANSMISSION DESIGNATED AGENT JAMES BLASINGAME
 ADDRESS P.O. BOX 2450 ADDRESS P.O. BOX 2450
 CLARKSBURG, WV 26301 CLARKSBURG, WV 26301

05/02/2014

COUNTY NAME PERMIT