



west virginia department of environmental protection

Office of Oil and Gas
601 57th Street, S.E.
Charleston, WV 25304
(304) 926-0450
fax: (304) 926-0452

Harold D. Ward, Cabinet Secretary
www.dep.wv.gov

Tuesday, November 16, 2021
WELL WORK PERMIT
Vertical / Convert

EASTERN GAS TRANSMISSION AND STORAGE, INC
925 WHITE OAKS BOULEVARD
BRIDGEPORT, WV 26330

Re: Permit approval for 8183
47-033-03025-00-00

This well work permit 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 any additional specific 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 of 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.

Per 35 CSR 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- 0450.

A handwritten signature in blue ink, appearing to read 'James A. Martin', is positioned above the printed name and title.

James A. Martin
Chief

Operator's Well Number: 8183
Farm Name: GARRETT, JOHN
U.S. WELL NUMBER: 47-033-03025-00-00
Vertical Convert
Date Issued: 11/16/2021

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 with 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.
8. Operator shall provide the Office of Oil & Gas notification of the date that drilling commenced on this well. Such notice shall be provided by sending an email to DEPOOGNotify@wv.gov within 30 days of commencement of drilling.

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

1) Well Operator: Eastern Gas Transmission and Storage, Inc. 307048 Harrison Harrison/Union West Milford
Operator ID County District Quadrangle

2) Operator's Well Number: 8183 3) Elevation: 1143

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

*SDW
9/28/2021*

5) Proposed Target Formation(s): Gantz Proposed Target Depth: 1898

6) Proposed Total Depth: 4659 Feet Formation at Proposed Total Depth: Benson

7) Approximate fresh water strata depths: No Record

8) Approximate salt water depths: No Record

9) Approximate coal seam depths: 73'-78'

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10) Approximate void depths, (coal, Karst, other): NA

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11) Does land contain coal seams tributary to active mine? No

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

Plug back shallow formation from TD and make the well a storage observation well only.

See attached well work plan.

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 3/8"			320'	320'	Existing <i>CTS MAY, 1984</i>
Coal						
Intermediate	8 5/8"	K-55	24	2154'	2154'	Existing <i>CTS MAY, 1984</i>
Production	4 1/2"	J-55	10.5	4547'	4547'	Existing
Tubing	2 3/8"	J-55	4.7	4483'	4483'	Existing
Liners						

Packers: Kind: N/A
 Sizes: N/A
 Depths Set N/A

11/19/2021

4703303025W

8183 Work Plan

1. MIRU service rig and ancillary equipment.
2. Pull 2-3/8" tubing
3. MU companion flange and working valve to the 4.5 casing
4. MIRU wireline and run integrity logs on 4.5" casing
5. MU BOP to valve and spool to working valve assembly
6. TIH to TD with tricone bit and clean out wellbore.
7. TOH with bit
8. Run CBL Log on 4.5" casing to determine plug back depth
9. Make up mule shoe and TIH to 4547'.
10. RU Cementers and pump balanced plug from 4547' to 2000' in 500' increments
 - a. Note: 4-1/2" casing cement top to be determined from CBL Log
11. Wash off cement top at 2000' and TOH to 1000'
12. Wait on cement
13. TIH and tag cement top. If below ~~1950'~~^{2000'}, pump balanced plug from cement top to 2000'
14. perforate 4.5" casing above top of cement
15. set retainer and Cement 4.5" casing to surface
16. Drillout cement retainer and cleanout well to 2000'
17. MIRU top joint crew
18. Replace top joints of casing and put new wellhead on well
19. Perforate Gantz from 1912' – 1922'

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9/28/2021

11/19/2021



4703303025 W

IV-35
(Rev 8-81)

Date August 7, 1984
Operator's Well No. 8183
Farm C. M. Garrett
API No. 47 - 033 - 3025-DD-Fr

State of West Virginia
Department of Mines
Oil and Gas Division

WELL OPERATOR'S REPORT
OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil / Gas X / Liquid Injection / Waste Disposal /
(If "Gas," Production X / Underground Storage X / Deep / Shallow /)

LOCATION: Elevation: 1142' Watershed Browns Run
District: Union County Harrison Quadrangle West Milford

COMPANY Consolidated Gas Transmission Corp.
ADDRESS 445 W. Main St., Clarksburg, WV
DESIGNATED AGENT W. A. Fox
ADDRESS 445 W. Main St., Clarksburg, WV
SURFACE OWNER John Garrett
ADDRESS Rt. 1, Weston, WV 26452
MINERAL RIGHTS OWNER John E. Garrett
ADDRESS Rt. 1, Weston, WV 26452
OIL AND GAS INSPECTOR FOR THIS WORK Stephen
Casey ADDRESS Rt. 2, Box 232-D
Jane Lew, WV 26378
PERMIT ISSUED April 15, 1984
DRILLING COMMENCED May 1, 1984
DRILLING COMPLETED June 27, 1984
IF APPLICABLE: PLUGGING OF DRY HOLE ON
CONTINUOUS PROGRESSION FROM DRILLING OR
REWORKING. VERBAL PERMISSION OBTAINED
ON

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cord.			
13 3/8 / 13-1/8	320	320	To surface
9 5/8			
8 5/8	2154	2154	To surface
7			
5 1/2			
4 1/2	4547	4547	
3			
2			
Liners used			

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GEOLOGICAL TARGET FORMATION Balltown and Benson Depth see Perf. feet
Depth of completed well 4659 feet Rotary X / Cable Tools
Water strata depth: Fresh none feet; Salt feet
Coal seam depths: 73-78 Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Balltown and Benson Pay zone depth see perf. feet
Gas: Initial open flow 230 Mcf/d Oil: Initial open flow Bbl/d
Final open flow 1517 Mcf/d Final open flow Bbl/d
Time of open flow between initial and final tests 2 hours
Static rock pressure 1500 psig (surface measurement) after 14 ^{days} hours-shut in
(If applicable due to multiple completion--)
Second producing formation Pay zone depth feet
Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/d
Final open flow Mcf/d Oil: Final open flow Bbl/d
Time of open flow between initial and final tests hours

11/10/2021

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

Perforations: 1912-1932 with 40 holes.

Perforations: 4446-4450 with 8 holes and 4438-4440 with 4 holes.
Fractured with 700 bbls. of water, 80,000# sand and 500 gals. 15% HCL acid.

Perforations: 3344-3346, 3358-3361 & 3366-3372 with 11 holes.
Fractured with 700 bbls. of water, 80,000# sand and 800 gals. 15% HCL acid.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Pittsburgh Coal			73	78	
Dunkard			475	610	
Salt			735	1264	
Injun			1624	1735	
Squaw			1743	1783	
Gantz			1898	1944	
Fifty Foot			2006	2025	
Thirty Foot			2096	2151	
Stray			2190	2211	
Gordon			2216	2257	
Fourth			2315	2335	
Fifth			2395	2414	
New hole					
Sand & Shale			2420	3508	
Shale & Sand			3508	3760	
Shale			3760	4510	
Sand			4510	4530	
Shale & Sand			4530	4659	T.D.

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(Attach separate sheets as necessary)

Consolidated Gas Transmission Corp

Well Operator

By: J. E. Swinn / Manager of Production

Date: 10/19/2021

Note: Regulation 2.02(i) provides as follows:
"The term 'log' or 'well log' shall mean a systematic
detailed geological record of all formations including

11/19/2021

WW-2A
(Rev. 6-14)

1.) Date: September 7, 2021
2.) Operator's Well Number 8183
State County Permit
3.) API Well No.: 47- 033 - 03025

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 James C. Garrett
Address 96 Garrett La.
Bridgport, WV 26330
(b) Name _____
Address _____
(c) Name _____
Address _____
6) Inspector _____
Address _____
Telephone _____

5) (a) Coal Operator
Name _____
Address _____
(b) Coal Owner(s) with Declaration
Name Eastern Gas Transmission and Storage, Inc.
Address 925 White Oaks Blvd.
Bridgport, WV 26330
Name _____
Address _____
(c) Coal Lessee with Declaration
Name _____
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

_____ 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 Gas application, a location plat, and accompanying documents pages 1 through _____ on the above named parties by:
 Personal Service (Affidavit attached)
 Certified Mail (Postmarked postal receipt attached)
 Publication (Notice of Publication attached)

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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: Eastern Gas Transmission and Storage, Inc.
By: John M. Love
Its: Director of Storage
Address: 925 White Oaks Blvd.
Bridgport, WV 26330
Telephone: 681-842-3311
Email: John.m.love@dominionenergy.com

Subscribed and sworn before me this 28th day of October, 2021

Melissa D. Mars

Notary Public

My Commission Expires July 5, 2025

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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WW-2A Surface Waiver
(4/16)

SURFACE OWNER WAIVER

County 033

Operator Eastern Gas Transmission and Storage, Inc.
Operator well number 8183

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

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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 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, WW-9, 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.

Signature Date _____

Company Name _____
By _____
Its _____ Date _____

Print Name

Signature Date _____

11/19/2021

COAL OPERATOR, OWNER, OR LESSEE WAIVER

County Lewis
Operator Eastern Gas Transmission and Storage, Inc. Operator's Well Number 8183

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:

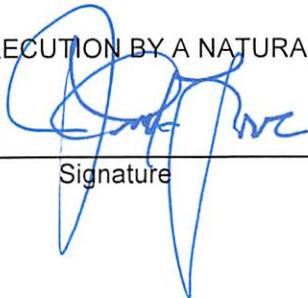
Chief, Office of Oil and Gas
Department of Environmental Protection
601 57th St. SE
Charleston, WV 25304
(304) 926-0499 extension 1654

WAIVER

The undersigned coal operator _____ / owner X / 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.



Signature
Date 9-23-2021

Company Name Eastern Gas Transmission and Storage, Inc.
By John Love - Director of Storage
Its _____

Signature 9-23-2021
Date

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WV Department of
Environmental Protection

WW-2B1
(5-12)

Well No. 8183

West Virginia Department of Environmental Protection
Office of Oil and Gas

NOTICE TO SURFACE OWNERS

The well operator named below is preparing to file for a permit from the state to drill a new well. Before a well work permit can be filed with the Chief of the Office of Oil and Gas, the well operator is required to have given notice of the right to request water well or spring analytical testing. This notice shall be given to the owners or occupants of land which have a water well or spring being utilized for human consumption, domestic animals, or other general use and which is located within 1000 feet of the proposed well site.

With this form, the operator is giving you notice of your right to request analytical testing. The operator is required to sample and analyze the water wells or springs of all owners or occupants who request it. Therefore, if you wish to have your water well or spring tested, contact the operator named below.

All sampling shall be completed prior to drilling. Within thirty (30) days of the receipt of such sample analyses the operator shall submit the results to the Chief of the Office of Oil and Gas and to the owners or occupants who may have requested them.

Be advised, you have the right to sample and analyze any water supply at your own expense.

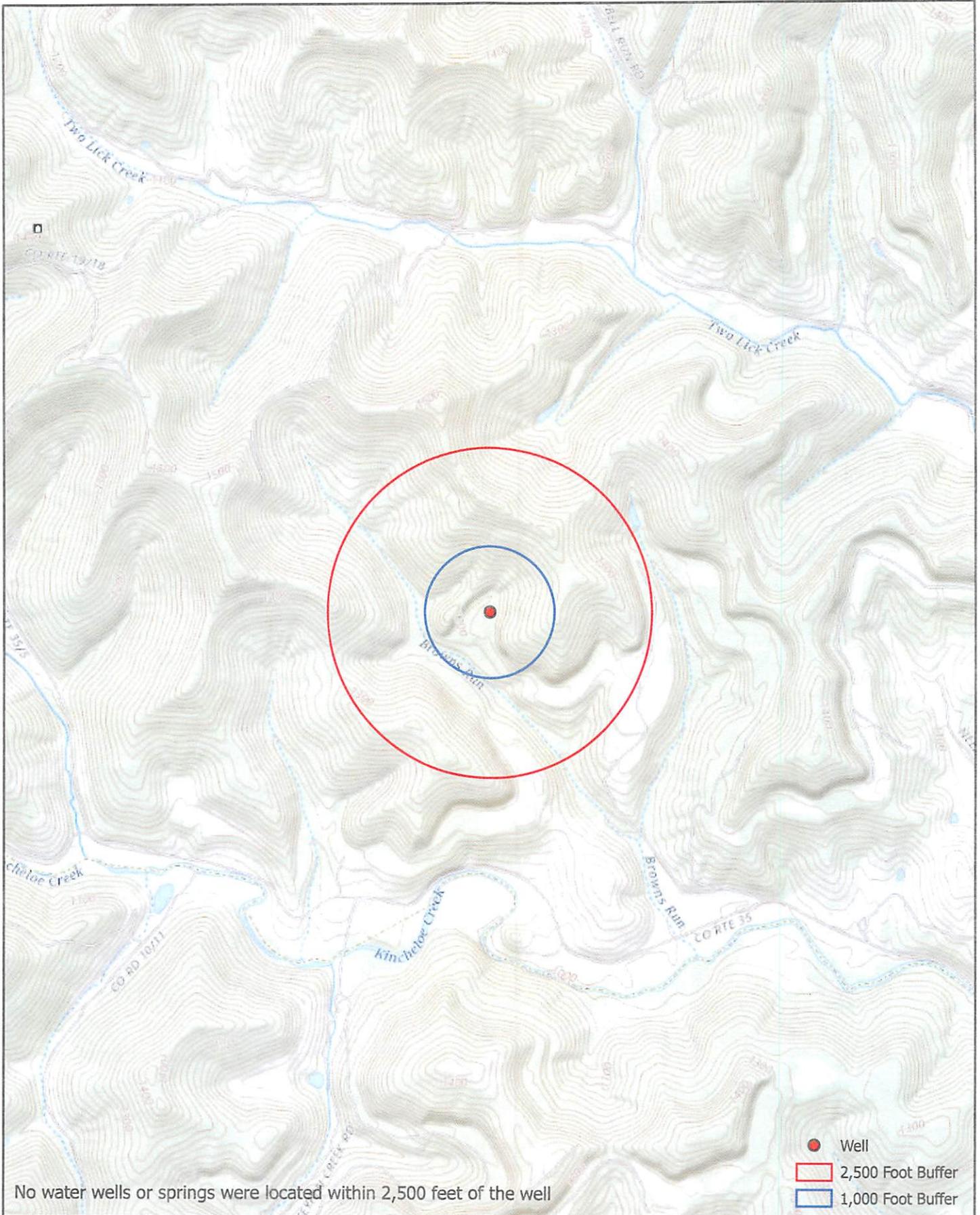
Listed below is the laboratory chosen by operator to perform analysis, and contactor chosen to collect sample.

Certified Laboratory Name Sampling Contractor	<u>Reliance Laboratories</u> <u>N/A</u>	RECEIVED Office of Oil and Gas NOV 1 2021 WV Department of Environmental Protection
Well Operator Address Telephone	<u>Eastern Gas Transmission and Storage, Inc.</u> <u>925 White Oaks Blvd.</u> <u>Bridgeport, WV 26330</u> <u>681-842-3311</u>	

FOR OPERATOR'S USE ONLY: Below, or on an attached page, list those persons which were given this notice. Place an asterisk beside the one(s) that contacted you and requested sampling and analyses. If there were no requests made, indicate by underling which one you have selected to sample and analyze. If there are no water wells or springs within 1000 feet of the proposed site, the Chief may require the operator to test wells up to 2000 feet from the proposed site.

*No water wells or springs were located within 2500 feet of the well as indicated by map attached. See Exhibit B.

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No water wells or springs were located within 2,500 feet of the well

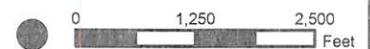
- Well
- 2,500 Foot Buffer
- 1,000 Foot Buffer



EXHIBIT B
 BHE REWORK - WELL 8183
 WATER PURVEYOR MAP
 HARRISON COUNTY, WV

DATE: 09/02/2021	DRAWN BY: MVW
PROJECT #: 2595	APPROVED BY: JK

2361 DAVISSON RUN ROAD
 CLARKSBURG, WV 26301
 WWW.ASCENTCONSULTINGENGINEERS.COM



11/19/2021

WW-9
(5/16)

API Number 47 - 033 - 03025
Operator's Well No. 8183

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS
FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name Eastern Gas Transmission and Storage, Inc. OP Code 307048

Watershed (HUC 10) Browns Run Quadrangle West Milford 7.5'

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

Will a pit be used? Yes No

If so, please describe anticipated pit waste: NA

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

Proposed Disposal Method For Treated Pit Wastes:

- Land Application (if selected provide a completed form WW-9-GPP)
- 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)

*SDW
9/28/2021*

Will closed loop system be used? If so, describe: Yes, open top and closed top tanks will be used to store workover fluid and all returns during the well work.

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. NA

-If oil based, what type? Synthetic, petroleum, etc. NA

Additives to be used in drilling medium? NA

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Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. NA

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-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust) NA

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-Landfill or offsite name/permit number? NA

Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated waste rejected at any West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed.

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, 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 *[Signature]*

Company Official (Typed Name) John M. Love

Company Official Title Director of Storage - Eastern Gas Transmission and Storage, Inc.

Subscribed and sworn before me this 28th day of October, 2021

Melissa D. Mars

Notary Public

My commission expires July 5, 2025



OFFICIAL SEAL
NOTARY PUBLIC
STATE OF WEST VIRGINIA
Melissa D. Mars
925 10th St. S.E.
Bridgeport, WV 26330
11/19/2021

My Commission Expires July 5, 2025

Proposed Revegetation Treatment: Acres Disturbed 1.00 +/- Prevegetation pH _____

Lime pH Test _____ Tons/acre or to correct to pH 6.5

Fertilizer type 10-20-20 or equivalent

Fertilizer amount 500 lbs/acre

Mulch 2 Tons/acre

Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
Timothy	4	Timothy	4
Orchard Grass	12	Orchard Grass	12
White Clover	3	White Clover	3

Attach:

Maps(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided). If water from the pit will be land applied, provide water volume, include dimensions (L, W, D) of the pit, and dimensions (L, W), and area in acres, of the land application area.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: [Signature]

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Comments: _____

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Title: OOG Inspector

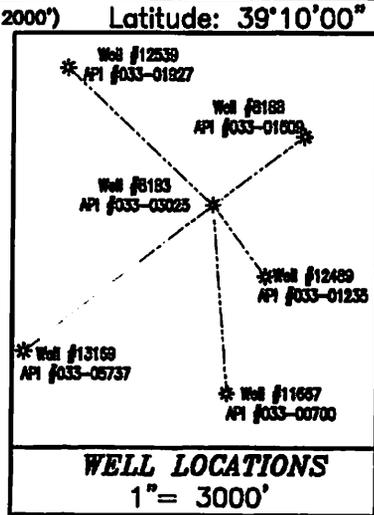
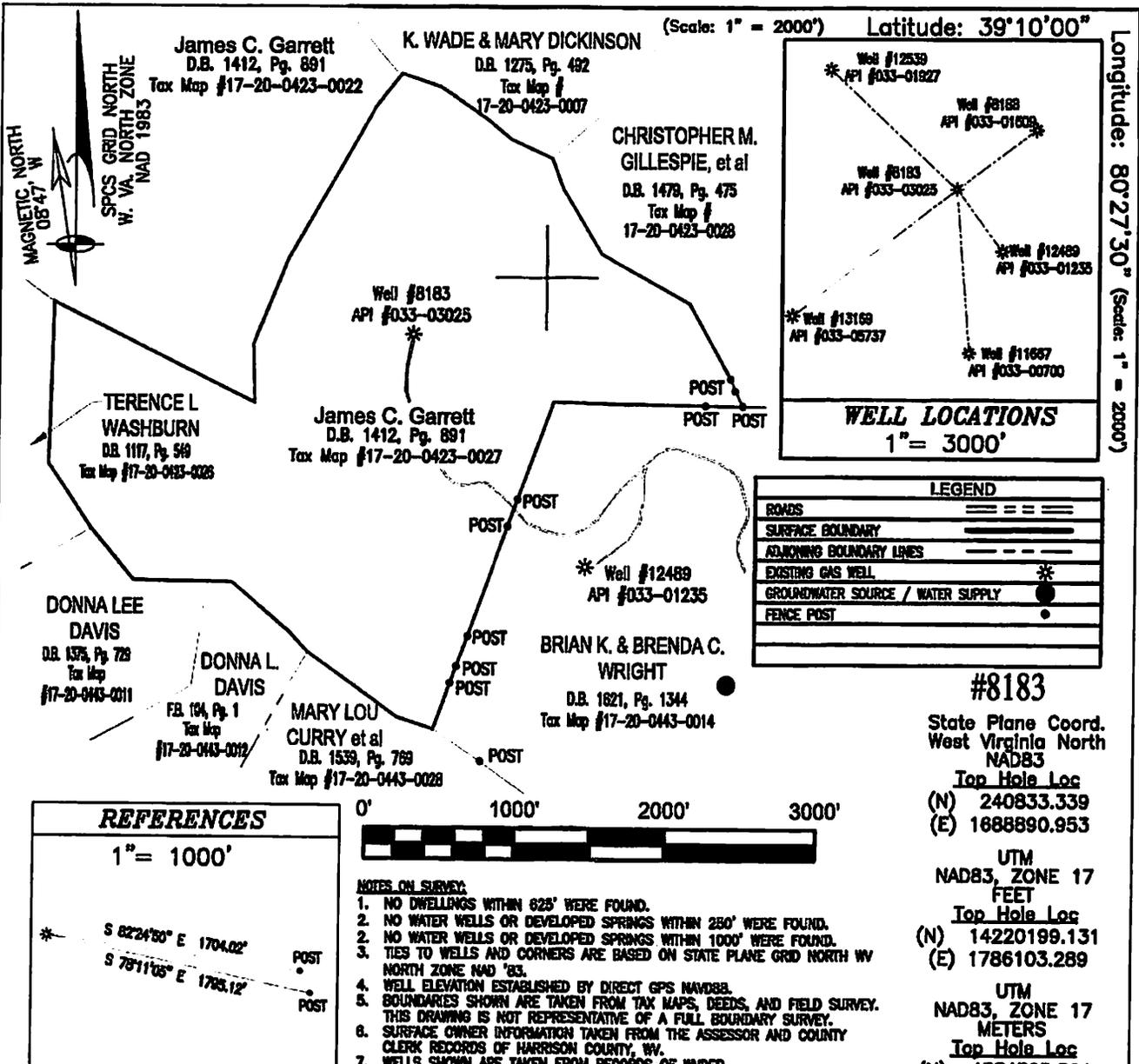
Date: 9/28/2021

Field Reviewed? () Yes (X) No

4703303025W

7860'

3537'

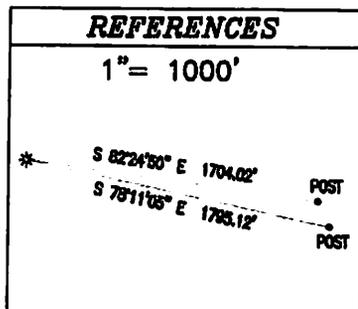


LEGEND	
ROADS	== == ==
SURFACE BOUNDARY	—————
ADJOINING BOUNDARY LINES	- - - - -
EXISTING GAS WELL	*
GROUNDWATER SOURCE / WATER SUPPLY	●
FENCE POST	•

#8183
 State Plane Coord.
 West Virginia North
 NAD83
 Top Hole Loc
 (N) 240833.339
 (E) 1888890.953

UTM
 NAD83, ZONE 17
 FEET
 Top Hole Loc
 (N) 14220199.131
 (E) 1786103.289

UTM
 NAD83, ZONE 17
 METERS
 Top Hole Loc
 (N) 4334325.364
 (E) 544405.371



- NOTES ON SURVEY:**
1. NO DWELLINGS WITHIN 625' WERE FOUND.
 2. NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250' WERE FOUND.
 2. NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 1000' WERE FOUND.
 3. TIES TO WELLS AND CORNERS ARE BASED ON STATE PLANE GRID NORTH WV NORTH ZONE NAD '83.
 4. WELL ELEVATION ESTABLISHED BY DIRECT GPS NAVD83.
 5. BOUNDARIES SHOWN ARE TAKEN FROM TAX MAPS, DEEDS, AND FIELD SURVEY. THIS DRAWING IS NOT REPRESENTATIVE OF A FULL BOUNDARY SURVEY.
 6. SURFACE OWNER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF HARRISON COUNTY, WV.
 7. WELLS SHOWN ARE TAKEN FROM RECORDS OF WVDEP.

BRANDON RUMBAUGH SOLUTIONS, LLC South Center Avenue, Unit # 3 New Stanton, PA 15872 info@brsolutions.us (724) 636-0210

FILE # ACE-2595
 DRAWING # ACE-2595
 SCALE: 1" = 1000'
 MINIMUM DEGREE OF ACCURACY: 1:2500
 PROVEN SOURCE OF ELEVATION: DIRECT GPS

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 REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

Signed: [Signature]
 R.P.E.: _____ L.L.S.: 983



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

WVDEP OFFICE OF OIL & GAS
 601 57TH STREET
 CHARLESTOWN, WV 25304

DATE: 8/29/2021 PLACE SEAL HERE

OPERATOR'S WELL #: 8183

API WELL #: 47 33 03025 W
 STATE COUNTY PERMIT

Well Type: Oil Waste Disposal Production Deep
 Gas Liquid Injection Storage Shallow

WATERSHED: BROWNS RUN ELEVATION: 1143'

COUNTY/DISTRICT: Harrison/Union QUADRANGLE (THL) West Milford 7.5'

SURFACE OWNER James C. Garrett ACREAGE 128.82

OIL & GAS ROYALTY OWNER: James C. Garrett, John E. Garrett, & Edward Earl Garrett ACREAGE 135.00

DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG & ABANDON

CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY): _____

TARGET FORMATION GANTZ ESTIMATED DEPTH: 1922

WELL OPERATOR Eastern Gas Transmission and Storage, Inc. DESIGNATED AGENT John M. Love
 Address 925 White Oaks Blvd. Address 925 White Oaks Blvd.
 City Bridgeport State WV Zip Code 26330 City Bridgeport State WV Zip Code 26330

11/19/2021

WW-2A1
(Rev. 1/11)

Operator's Well Number 8183

**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
C.M. Garrett, et al Merger Information	Hope Natural Gas Company See Exhibit A	1/8	727/333

**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

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Office of Oil and Gas

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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: John M. Love
By: Its: Eastern Gas Transmission and Storage, Inc.
Director of Storage

11/19/2021

WW-2A1 – Exhibit A

- Hope Natural Gas Company merged with New York State Natural Gas Corporation on April 4, 1965. On the same date, Hope Natural Gas Company changed its name to Consolidated Gas Supply Corporation.
- On January 1, 1984, Consolidated Gas Supply Corporation assigned its leasehold interest to Consolidated Gas Transmission Corporation.
- On January 1, 1998, Consolidated Gas Transmission Corporation changed name to CNG Transmission Corporation.
- As a result of a merger with Dominion Resources, Inc., CNG Transmission Corporation changed name to Dominion Transmission, Inc on May 3, 2000.
- On August 1, 2017, Dominion Transmission, Inc. changed name to Dominion Energy Transmission, Inc.
- As a result of merger with Berkshire Hathaway Energy, Inc., Dominion Energy Transmission, Inc. changed name to Eastern Gas Transmission and Storage, Inc. on November 1, 2020.

RECEIVED
Office of Oil and Gas

NOV 1 2021

WV Department of
Environmental Protection

11/19/2021

47-033-03025 W

Convert
prod → storage

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Office of Oil and Gas

NOV 1 2021

WV Department of
Environmental Protection

WV DEP Office of Oil and Gas
601 57th Street, SE
Charleston, WV 25304

To whom it may concern,

Please review this rework permit packet for Eastern Gas Transmission and Storage, Inc. well number 8183. A check for \$550.00 is included.

If you have any further questions or comments, please feel free to contact me by means of the information listed below.

Sincerely,

Alex Worley
Gas Storage Engineer III
Eastern Gas Transmission and Storage, Inc.
304-203-6243
Alexander.worley@bhegts.com

CHK# 331228
Amt \$ 550
Date 9/9/21

11/19/2021



Stansberry, Wade A <wade.a.stansberry@wv.gov>

Convert Well Work Permit (API: 47-033-03025)

1 message

Stansberry, Wade A <wade.a.stansberry@wv.gov>

Tue, Nov 16, 2021 at 1:30 PM

To: John Love <john.love@bhegts.com>, baige.a.casto@dominionenergy.com, alexander.worley@bhegts.com, dpalmer@harrisoncountywv.com, mcopeland@harrisoncountywv.com, "Ward, Samuel D" <samuel.d.ward@wv.gov>

I have attached a copy of the newly issued well permit number "8183", API (47-033-03025). This will serve as your copy.

If you have any questions, then please contact us here at the Office of Oil and Gas.

Thank you,

Wade A. Stansberry

Environmental Resource Specialist 3

West Virginia Department of Environmental Protection

Office of Oil & Gas

601 57th St. SE

Charleston, WV 25304

(304) 926-0499 ext. 41115

(304) 926-0452 fax

Wade.A.Stansberry@wv.gov

2 attachments

 **IR-26 Blank.pdf**
152K

 **47-033-03025 - Copy.pdf**
3085K

11/19/2021