



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, March 2, 2021
WELL WORK PERMIT
Vertical / New Drill

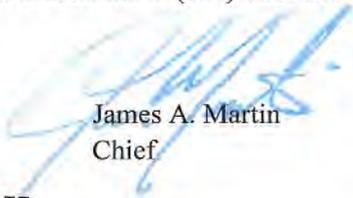
EASTERN GAS TRANSMISSION AND STORAGE, INC
925 WHITE OAKS BOULEVARD
BRIDGEPORT, WV 26330

Re: Permit approval for 13077
47-033-06005-00-00

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.



James A. Martin
Chief

Operator's Well Number: 13077
Farm Name: CHARLES POINTE CROSSING
U.S. WELL NUMBER: 47-033-06005-00-00
Vertical New Drill
Date Issued: 3/2/2021

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.

WW - 2B
(Rev. 8/10)

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	Simpson	Rosemont
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Operator ID County District Quadrangle

2) Operator's Well Number: 13077 3) Elevation: 1305

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

5) Proposed Target Formation(s): 50 Foot Sand Proposed Target Depth: 2057' TVD

6) Proposed Total Depth: 2302' TMD Feet Formation at Proposed Total Depth: 50' Sand

7) Approximate fresh water strata depths: 95'

8) Approximate salt water depths: 935'

9) Approximate coal seam depths: None

10) Approximate void depths, (coal, Karst, other): None Expected

*SDCW
11/18/2020*

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)

See Attached.

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13) **CASING AND TUBING PROGRAM**

WV Department of
Environmental Protection

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft	For Drilling	Left in Well	Fill -up (Cu. Ft.)
Conductor	24"					<i>Sand</i>
Fresh Water	16"	H-40	65#	300'	300'	cmt to surface
Coal						
Intermediate	10 3/4"	K-55	40.5#	790'	790'	cmt to surface
Production	7"	K-55	23#	2200'	2200'	cmt to surface
Tubing						
Liners						

Packers: Kind: N/A

Sizes: N/A

Depths Set N/A

*CK# 325854
Amnt \$150.00
Date 11/30/20*

**Drilling Prognosis
Bridgeport Storage
Well 13077**

Proposed Casing Program

24" Conductor @ 20'
 16", 65#, H-40 @ 300'
 10 3/4", 40.5#, K-55 @ 790'
 7", 23#, K-55 @ 2200'

Directional Information

	<u>MD</u>	<u>TVD</u>	<u>N/S</u>	<u>E/W</u>	<u>Tolerance</u>
KOP:	900'	900'	0	0	N/A
7" csg:	2200'	2005'	-62.33	712.82	25' Radius
TD:	2302'	2057'	-65.89	753.45	25' Radius

Build Rate: 10 deg/100'

Max Inclination: 37.9 deg

<u>Formations</u>	<u>TVD</u>
1 st Salt Sand	745'
3 rd Salt Sand	925'
Big Lime	1475'
Big Injun	1547'
Fifty Foot	2005'

Proposed Procedure

1. Build location and install containment.
2. MIRU rotary rig.
3. Drive and set 20' of 24" conductor pipe.
4. Air drill 20" hole to approx. 300'.
5. Run approx. 300' of 16", 65#, H-40, casing, and cement to surface with:
 - ♦ Class A, 2% CaCl₂, 1/4# flake per sx.. Run 50% excess cement.
6. WOC 16 hrs.. Nipple up air bowl, and rotating head.
7. TIH w/ 15" bit, and air drill 15" hole to approx. 790'.
8. Run approx. 790' of 10-3/4" casing, and cement to surface. Run casing with guide shoe, and centralizers every 200'.
9. Cement 10-3/4" casing with:
 - ♦ Class A, 2% CaCl₂, and 1/4# flake per sx.. Run 30% excess cement
10. WOC minimum of 16 hrs. before nipling up BOP stack. Test stack after WOC 24 hrs..
11. TIH w/ 9-7/8" bit and drill out shoe joint.

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12. TOH with bit and pick up bit, air motor and monel drill collar.
13. Orient motor with Gyro.
14. Orient and Slide with motor until desired angle and direction are reached.
15. Continue drilling on air to +/- 50' above the Fifty Foot. TOH and L/D directional tools.
16. Run 7", 23#, K-55 casing, with float collar, and latch down baffle. Run centralizers, rigid and/or bow spring as dictated by dogleg severity.
17. Cement casing string to surface as follows:
 - ◆ **Lead**--Standard Cement with 3% Halad 344 or equivalent
Weight - 15.4 ppg.
 - ◆ **Tail**--Standard Cement with 0.5% Halad 344 or equivalent and 2% CaCl₂
Weight - 15.6 ppg.

Use 25% excess cement in open hole.
23. Pick up stack, set casing slips, nipple down BOP stack, clean mud pits, release rig.
24. MIRU snubbing unit and BOP's. Test Stack.
25. TIH w/ 6 1/4" bit and drilling assembly. Drill 6 1/4" hole to approx. 2300' using nitrogen.
26. Snub OOH with bit and close master valve. RDMO snubbing unit.

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WW-2A
(Rev. 6-14)

1.) Date: 02/25/2021
2.) Operator's Well Number 13077
State County Permit
3.) API Well No.: 47-033 -

**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 Charles Pointe Crossing LLC
Address P.O. Box 1000
Bridgeport, WV 26330
(b) Name WV DOT Division of Highways
Address 1900 Kanawha Blvd. East Bldg
Charleston, WV 23505
(c) Name _____
Address _____
5) (a) Coal Operator
Name _____
Address _____
(b) Coal Owner(s) with Declaration
Name See Attached
Address _____
(c) Coal Lessee with Declaration
Name _____
Address _____
6) Inspector Sam Ward
Address P.O. Box 2327
Buckhannon, WV 26201
Telephone (304) 389-7583

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 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)

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.
Bridgeport, WV 26330
Telephone: (681) 842-3311
Email: john.m.love@dominionenergy.com

Subscribed and sworn before me this 25th day of February 2021, Eastern Gas Transmission &

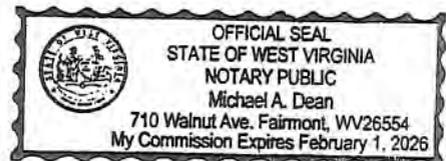
[Signature]

Notary Public

My Commission Expires Feb. 1, 2026

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



Well 13077 Coal Ownership**All Coal except Pittsburgh:**

Patricia Ann Coburn
1171 Worthington Drive
Bridgeport, WV 26330

Pittsburgh Coal (Assessed as 2 acres deep coal mined out Barnett Run (Williams):

Frances O. Phares, et al (being the Salvadore A. Oliverio Heirs)
235 E. Main Street
Clarksburg, WV 26301

Pittsburgh Coal (Assessed as 41 acres coal Mined Out Barnett Run):

Betty J. Hebb
6490 Benedum Drive
Shinnston, WV 26431

All Coal within the WV 279 ROW:

West Virginia Department of Highways
1900 Kanawha Blvd, East Bldg 5
State Capitol Complex
Charleston, WV 23505

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WW-2A Surface Waiver
(4/16)

SURFACE OWNER WAIVER

County 033 Operator BHE Eastern GT & S, Inc.
Operator well number 13077

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 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 _____

Print Name

Company Name _____
By _____
Its _____ Date _____

Signature

Date
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WV Department of
Environmental Protection

4703306005T

WW-2A Coal Waiver

COAL OPERATOR, OWNER, OR LESSEE WAIVER

County Harrison
Operator BHE Eastern Gas Transmission & Storage, Inc.

Operator's Well Number 13077

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.

Signature Date _____

Company Name _____
By _____
Its _____ Date _____
Signature _____ Date _____

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WV Department of
Environmental Protection

Return Receipt (Form 3811) Barcode

9590 9699 0430 0077 0667 24

1. Article Addressed to:
Betty J. Hebb
6490 Benedum Drive
Shinnston, WV 26431

2. Certified Mail (Form 3800) Article Number
9314 7699 0430 0077 0667 22

PS Form 3811, Facsimile, July 2015

COMPLETE THIS SECTION ON DELIVERY

A. Signature Agent Addressee
Betty J. Hebb

B. Received by (Printed Name) *Betty Hebb* C. Date of Delivery *11-24-20*

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

3. Service Type:
 Certified Mail
 Certified Mail Restricted Delivery

Reference Information
Aaron Casto

2. Certified Mail (Form 3800) Article Number
9314 7699 0430 0077 0667 22

Domestic Return Receipt

Return Receipt (Form 3811) Barcode

9590 9699 0430 0077 0595 66

1. Article Addressed to:
Charles Pointe Crossing LLC
P.O. Box 1000
Bridgeport, WV 26330

2. Certified Mail (Form 3800) Article Number
9314 7699 0430 0077 0595 64

PS Form 3811, Facsimile, July 2015

COMPLETE THIS SECTION ON DELIVERY

A. Signature Agent Addressee
Michelle Moran

B. Received by (Printed Name) *Michelle Moran* C. Date of Delivery *NOV 24 2020*

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

3. Service Type:
 Certified Mail
 Certified Mail Restricted Delivery

Reference Information
Aaron Casto

2. Certified Mail (Form 3800) Article Number
9314 7699 0430 0077 0595 64

Domestic Return Receipt

**U.S. Postal Service®
CERTIFIED MAIL® RECEIPT**
Domestic Mail Only

USPS® ARTICLE NUMBER
9314 7699 0430 0077 0667 22

Certified Mail Fee	\$ 3.55	
Return Receipt (Hardcopy)	\$ 2.85	
Return Receipt (Electronic)	\$ 0.00	
Certified Mail Restricted Delivery	\$ 0.00	
Postage	\$ 1.60	
Total Postage and Fees	\$ 8.00	

Reference Information
Aaron Casto

PS Form 3800, Facsimile, July 2015

**U.S. Postal Service®
CERTIFIED MAIL® RECEIPT**
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USPS® ARTICLE NUMBER
9314 7699 0430 0077 0595 64

Certified Mail Fee	\$ 3.55	
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Return Receipt (Electronic)	\$ 0.00	
Certified Mail Restricted Delivery	\$ 0.00	
Postage	\$ 1.60	
Total Postage and Fees	\$ 8.00	

Reference Information
Aaron Casto

PS Form 3800, Facsimile, July 2015

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DEC 10 2020
WV Department of
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4703306005
U.S. Postal Service®
CERTIFIED MAIL® RECEIPT
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USPS® ARTICLE NUMBER
 9314 7699 0430 0077 0666 61

Certified Mail Fee	\$	3.55
Return Receipt (Hardcopy)	\$	2.85
Return Receipt (Electronic)	\$	0.00
Certified Mail Restricted Delivery	\$	0.00
Postage	\$	1.60
Total Postage and Fees	\$	8.00

Postmark
Here

Sent to:
 Patricia Ann Coburn
 1171 Worthington Drive
 Bridgeport, WV 26330

Reference Information

Aaron Casto

PS Form 3800, Facsimile, July 2015

U.S. Postal Service®
CERTIFIED MAIL® RECEIPT
 Domestic Mail Only

USPS® ARTICLE NUMBER
 9314 7699 0430 0077 0666 21

Certified Mail Fee	\$	3.55
Return Receipt (Hardcopy)	\$	2.85
Return Receipt (Electronic)	\$	0.00
Certified Mail Restricted Delivery	\$	0.00
Postage	\$	1.60
Total Postage and Fees	\$	8.00

Postmark
Here

Sent to:
 Frances O. Phares, et al
 235 East Main Street
 Clarksburg, WV 26301

Reference Information

Aaron Casto

PS Form 3800, Facsimile, July 2015

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 Office of Oil and Gas

DEC 10 2020

WV Department of
 Environmental Protection

Return Receipt (Form 3811) Barcode



9590 9699 0430 0077 0666 63

Article Addressed to:

Patricia Ann Coburn
 1171 Worthington Drive
 Bridgeport, WV 26330

certified Mail (Form 3800) Article Number
 314 7699 0430 0077 0666 61

7 3811, Facsimile, July 2015

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X *Patricia Ann Coburn*

Agent
 Addressee

B. Received by (Printed Name)
Patricia Ann Coburn

C. Date of Delivery

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

3. Service Type:

Certified Mail
 Certified Mail Restricted Delivery

Reference Information

Aaron Casto

Domestic Return Receipt

**U.S. Postal Service®
CERTIFIED MAIL® RECEIPT**
Domestic Mail Only

4703306005T

USPS® ARTICLE NUMBER
9314 7699 0430 0077 0592 67

Certified Mail Fee	\$ 3.55	Postmark Here
Return Receipt (Hardcopy)	\$ 2.85	
Return Receipt (Electronic)	\$ 0.00	
Certified Mail Restricted Delivery	\$ 0.00	
Postage	\$ 1.40	
Total Postage and Fees	\$ 7.80	

West Virginia Department of Highways
1900 Kanawha Blvd. East Bldg 5
State Capital Complex
Charleston, WV 23505

Reference Information

Aaron Casto

PS Form 3800, Facsimile, July 2015

Return Receipt (Form 3811) Barcode



9590 9699 0430 0077 0592 69

1. Article Addressed to:

West Virginia Department of Highways
1900 Kanawha Blvd. East Bldg 5
State Capital Complex
Charleston, WV 23505

2. Certified Mail (Form 3800) Article Number

9314 7699 0430 0077 0592 67

PS Form 3811, Facsimile, July 2015

COMPLETE THIS SECTION ON DELIVERY

A. Signature *Aaron E. Casto* Agent Addressee
 B. Received by (Printed Name) C. Date of Delivery
 D. Is delivery address different from item 1? Yes No
 If YES, enter delivery address below:

3. Service Type:
 Certified Mail
 Certified Mail Restricted Delivery

Reference Information

Aaron Casto

Domestic Return Receipt

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WV Department of
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WW-2A1
(Rev. 1/11)

Operator's Well Number 13077

**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
Sarah Cropp	Hope Natural Gas Company	1/8	525/51
Betty Taylor Cropp	Consolidated Gas Transmission Corporation	Fee	1181/493
Candace Lee Powell	Consolidated Gas Transmission Corporation	Fee	1181/473
Bradley Taylor Cropp et ux	Consolidated Gas Transmission Corporation	Fee	1181/475
Lutie Williams, et vir	Hope Natural Gas Company	1/8	525/83
Hugh Jarvis, et al	Hope Natural Gas Company	1/8	504/419
A.E. Cropp et al	Hope Natural Gas Company	1/8	487/83
Lutie Willias, et vir	Hope Natural Gas Company	1/8	525/83
Merger Information	See Exhibits A		

**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.

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

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 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 & Storage, Inc., on November 1, 2020.

West Virginia Secretary of State — Online Data Services

Business and Licensing

Online Data Services Help

Business Organization Detail

NOTICE: The West Virginia Secretary of State's Office makes every reasonable effort to ensure the accuracy of information. However, we make no representation or warranty as to the correctness or completeness of the information. If information is missing from this page, it is not in the The West Virginia Secretary of State's database.

Eastern Gas Transmission and Storage, Inc.

Organization Information								
Org Type	Effective Date	Established Date	Filing Date	Charter	Class	Sec Type	Termination Date	Termination Reason
C Corporation	1/17/1984		1/17/1984	Foreign	Profit			

Organization Information			
Business Purpose	2212 - Utilities - Utilities - Natural Gas Distribution		Capital Stock 0.0000
Charter County			Control Number 0
Charter State	DE	Excess Acres 0	
At Will Term	Member Managed		
At Will Term Years			Par Value 0.000000
Authorized Shares	0	Young Entrepreneur	Not Specified

Addresses	
Type	Address
Local Office Address	5400 D BIG TYLER ROAD CHARLESTON, WV, 25313
Mailing Address	925 WHITE OAKS BOULEVARD BRIDGEPORT, WV, 26330 USA
Notice of Process Address	CT CORPORATION SYSTEM 1627 QUARRIER STREET CHARLESTON, WV, 253112124
Principal Office Address	925 WHITE OAKS BOULEVARD BRIDGEPORT, WV, 26330 USA
Type	Address

Officers	
Type	Name/Address
Director	DIANE LEOPOLD 120 TREDEGAR STREET RICHMOND, VA, 23219
President	DIANE LEOPOLD 120 TREDEGAR STREET RICHMOND, VA, 23219
Secretary	CARTER M. REID 100 TREDEGAR STREET RICHMOND, VA, 23219
Treasurer	JAMES R. CHAPMAN 100 TREDEGAR ST RICHMOND, VA, 23219
Type	Name/Address

Name Changes	
Date	Old Name
12/7/2020	DOMINION ENERGY TRANSMISSION, INC.
7/19/2017	DOMINION TRANSMISSION, INC.

5/10/2000	CNG TRANSMISSION CORPORATION
Date	Old Name

Mergers

Merger Date	Merged	Merged State	Survived	Survived State
1/16/2002	CNG POWER COMPANY	DE	DOMINION TRANSMISSION, INC.	DE
Merger Date	Merged	Merged State	Survived	Survived State

Date	Amendment
12/7/2020	B4WV Name Change From: DOMINION ENERGY TRANSMISSION, INC.
7/19/2017	NAME CHANGE: FROM DOMINION TRANSMISSION, INC.
1/16/2002	MERGER: MERGING CNG POWER COMPANY, A QUALIFIED DE CORPORATION WITH AND INTO DOMINION TRANSMISSION, INC., A QUALIFIED DE CORPORATION, THE SURVIVOR
5/10/2000	NAME CHANGE: FROM CNG TRANSMISSION CORPORATION
12/2/1994	CHANGE TO AMEND STOCK IN ARTICLES OF CERTIFICATE OF AUTHORITY.
3/22/1993	CHANGE TO AMEND STOCK DESIGNATION IN ARTICLES OF CERTIFICATE OF AUTHORITY.
8/27/1991	AMENDMENT TO CERTIFICATE OF AUTHORITY.
12/19/1990	AMENDMENT TO CERTIFICATE OF AUTHORITY.
1/13/1988	CHANGE OF NAME FROM: CONSOLIDATED GAS TRANSMISSION CORPORATION.
Date	Amendment

Annual Reports

Filed For
2020
2019

47-033-060051

2018
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Date filed

47-033-06051

[File Your Current Year Annual Report Online Here](#)

For more information, please contact the Secretary of State's Office at 304-558-8000.

Thursday, February 25, 2021 — 1:46 PM

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WW-2B1
(5-12)

Well No. 13077

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 contractor chosen to collect sample.

Certified Laboratory Name _____
Sampling Contractor _____

Well Operator Eastern Gas Transmission and Storage, Inc.
Address 925 White Oak Blvd.
Bridgeport, WV 26330
Telephone 681-842-3311 (John Love)

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.

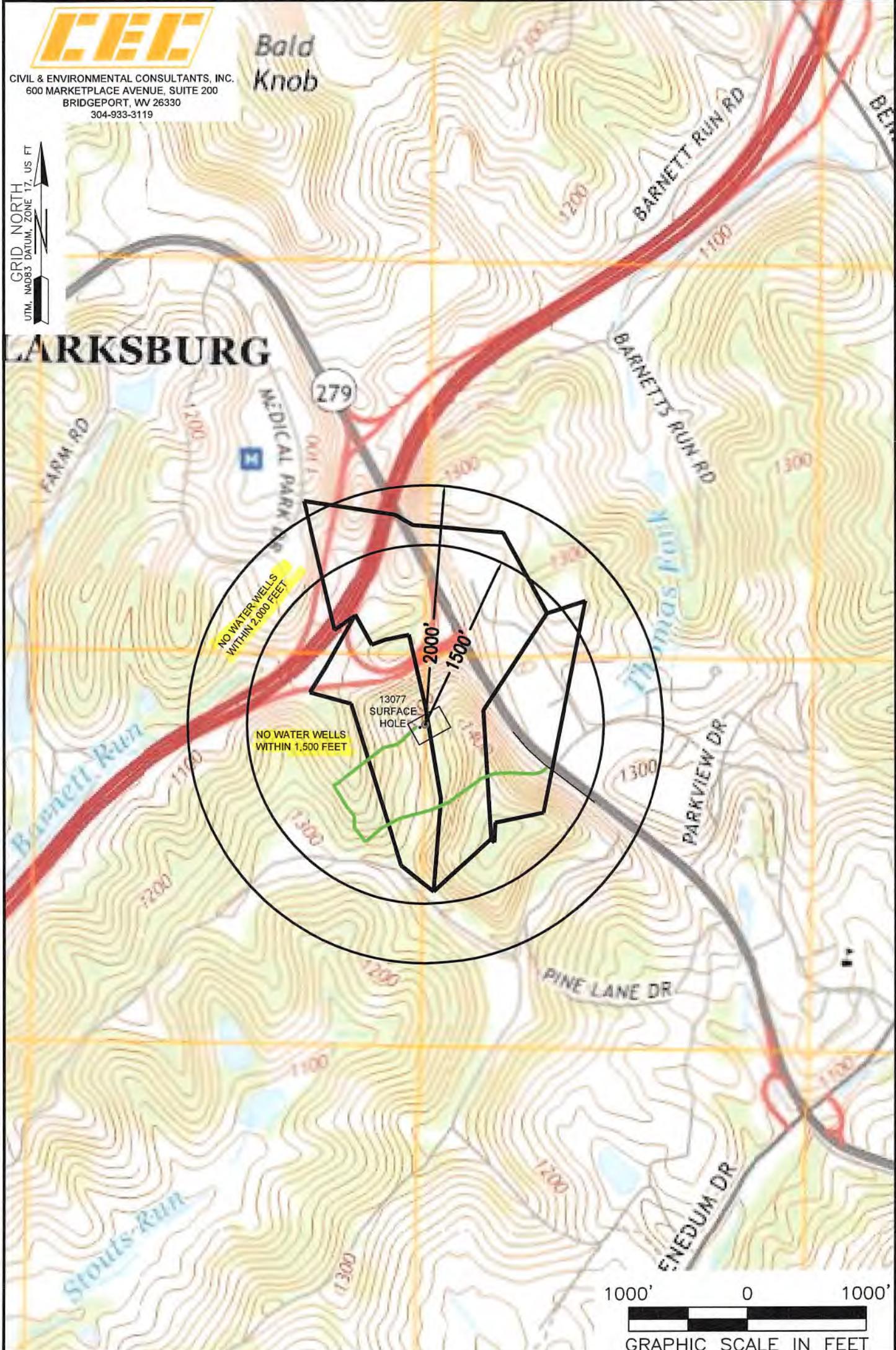
SEE ATTACHED TOPO MAP.



CIVIL & ENVIRONMENTAL CONSULTANTS, INC.
 600 MARKETPLACE AVENUE, SUITE 200
 BRIDGEPORT, WV 26330
 304-933-3119

GRID NORTH
 UTM, NAD83 DATUM, ZONE 17, US FT

LARKSBURG



NOTES ON SURVEY

1. SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND/OR FIELD LOCATIONS.
2. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
3. ALL INSETS ARE GRID NORTH UNLESS OTHERWISE DEPICTED.

LEGEND:

- PROPOSED SURFACE HOLE / BOTTOM HOLE
- ☀ EXISTING / PRODUCING WELLHEAD
- LPL* LANDING POINT LOCATION
- ⊙ EXISTING WATER WELL
- ⊕ EXISTING SPRING
- ▬ SURVEYED BOUNDARY
- ▬ LEASE BOUNDARY
- ▬ PROPOSED PATH

WELL OPERATOR: <i>Eastern Gas Transmission and Storage Inc.</i>		WELL (FARM) NAME:	WELL # 13077	LEASE # 53813
ADDRESS: 925 WHITE OAKS BLVD, BRIDGEPORT WV 26330		COUNTY - CODE HARRISON - 033	DISTRICT; SIMPSON DISTRICT	
SURFACE OWNER: CHARLES POINTE CROSSING LLC		USGS 7 1/2 QUADRANGLE MAP NAME ROSEMONT, WV		

WW-9
(5/16)

API Number 47 - 033 - _____
Operator's Well No. 13077 _____

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

Operator Name BHE Eastern Gas Transmission & Storage, Inc OP Code 307048

Watershed (HUC 10) Barnett's Run Quadrangle Rosemont

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: _____

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

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 _____)

*SDW
11/18/2020*

Will closed loop system be used? If so, describe: Open top tank and storage tanks

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

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

Additives to be used in drilling medium? KCL

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

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

-Landfill or offsite name/permit number? Waste Management Meadowfill Land Fill/SWF1032

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 _____

Company Official (Typed Name) John M Love

Company Official Title Director of Storage

Subscribed and sworn before me this 18th day of November, 20 20

Melissa D. Mars Notary Public

My commission expires July 5, 2025

RECEIVED
Office of Oil and Gas
DEC 10 2020

WV Department of
Environmental Protection



Form WW-9

Operator's Well No. 13077

Proposed Revegetation Treatment: Acres Disturbed +/- 1.25 Prevegetation pH Unknown

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 Hay or Straw 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: S/D Whirett

Comments: Pre-seed mulch as soon as reasonably possible per WV DEP E+S manual. Upgrade E+S if necessary.

Title: COG Inspector Date: 11/18/2020

Field Reviewed? Yes No

RECEIVED
Office of Oil and Gas
DEC 10 2020
WV Department of
Environmental Protection

LayerLegend Tools Basemap

Use the slider bar to adjust transparency.

- Reference
- Mask Other States
- Tax Districts
- Tax District Labels
- County Labels
- Counties
- Planning & Development Regions
- State Boundary
- WV Coal Mining
 - Underground Mining Labels
 - Underground Mining
 - Surface Mining
 - Surface Mined
 - Auger Mined
 - Highwall Mined



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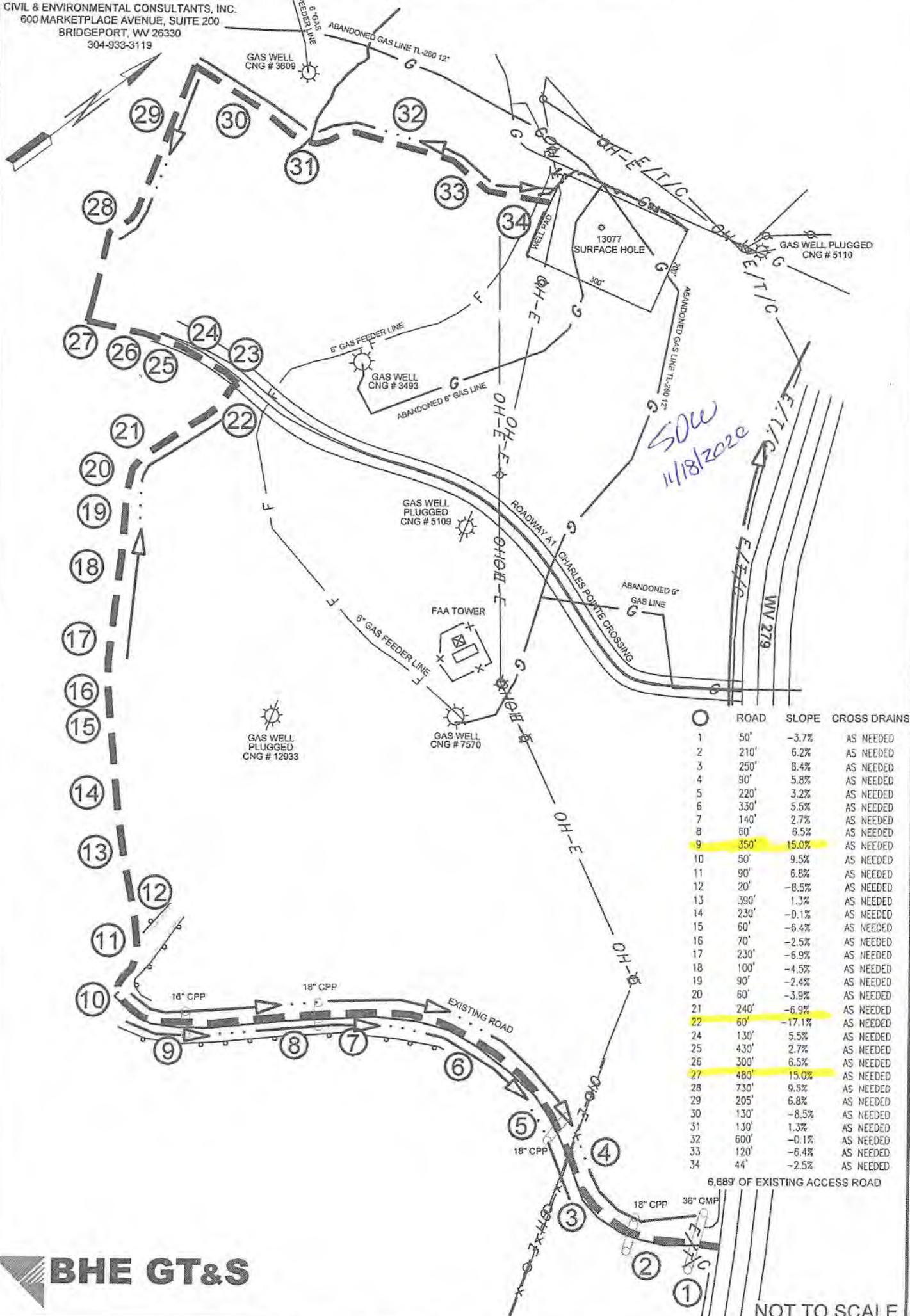
RECEIVED
 Office of Oil and Gas
 DEC 10 2020
 WV Department of
 Environmental Protection

47-033-06005T



CIVIL & ENVIRONMENTAL CONSULTANTS, INC.
600 MARKETPLACE AVENUE, SUITE 200
BRIDGEPORT, WV 26330
304-933-3119

ACCESS TO THE WELL SITE WILL BE GAINED USING AN EXISTING ACCESS ROAD OFF OF WEST VIRGINIA ROUTE 279. 3,737 FEET OF EXISTING ACCESS ROAD TO BE MAINTAINED AS NEEDED. DRAINAGE TO BE MAINTAINED. WELL SITE TO BE RECLAIMED AFTER WELL WORK. TOPSOIL IF ANY TO BE STOCKPILED FOR USE IN RECLAMATION.



ROAD	SLOPE	CROSS DRAINS	
1	50'	-3.7%	AS NEEDED
2	210'	6.2%	AS NEEDED
3	250'	8.4%	AS NEEDED
4	90'	5.8%	AS NEEDED
5	220'	3.2%	AS NEEDED
6	330'	5.5%	AS NEEDED
7	140'	2.7%	AS NEEDED
8	60'	6.5%	AS NEEDED
9	350'	15.0%	AS NEEDED
10	50'	9.5%	AS NEEDED
11	90'	6.8%	AS NEEDED
12	20'	-8.5%	AS NEEDED
13	390'	1.3%	AS NEEDED
14	230'	-0.1%	AS NEEDED
15	60'	-6.4%	AS NEEDED
16	70'	-2.5%	AS NEEDED
17	230'	-6.9%	AS NEEDED
18	100'	-4.5%	AS NEEDED
19	90'	-2.4%	AS NEEDED
20	60'	-3.9%	AS NEEDED
21	240'	-6.9%	AS NEEDED
22	60'	-17.1%	AS NEEDED
24	130'	5.5%	AS NEEDED
25	430'	2.7%	AS NEEDED
26	300'	6.5%	AS NEEDED
27	480'	15.0%	AS NEEDED
28	730'	9.5%	AS NEEDED
29	205'	6.8%	AS NEEDED
30	130'	-8.5%	AS NEEDED
31	130'	1.3%	AS NEEDED
32	600'	-0.1%	AS NEEDED
33	120'	-6.4%	AS NEEDED
34	44'	-2.5%	AS NEEDED

6,689' OF EXISTING ACCESS ROAD

NOT TO SCALE



- LEGEND:**
- EXISTING WELLHEAD
 - EXISTING RIP RAP
 - EXISTING POWER POLE
 - EXISTING CULVERT
 - FILTER SOCK
 - OVERHEAD ELECTRIC
 - GUARD RAIL
 - GAS FEEDER LINE
 - DRAINAGE
 - ELECTRIC/TELEPHONE/CABLE
 - EXISTING ACCESS

- NOTES**
- NO PIT WILL BE CONSTRUCTED. TANKS WILL BE USED FOR DRILLING FLUIDS.
 - ACTIVE COMMERCIAL SITE DEVELOPMENT CONSTRUCTION AREA.

WELL OPERATOR: BHE GT&S	WELL (FARM) NAME:	WELL # 13077	LEASE # 53813
ADDRESS: 925 WHITE OAKS BLVD, BRIDGEPORT WV 26330	COUNTY - CODE HARRISON - 033	DISTRICT; SIMPSON DISTRICT	
SURFACE OWNER: CHARLES POINTE CROSSING LLC	USGS 7 1/2 QUADRANGLE MAP NAME ROSEMONT, WV		



CIVIL & ENVIRONMENTAL CONSULTANTS, INC.
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UNITED HOSPITAL
CENTER INC
TAX MAP 269
PARCEL 11.1
65.45 ACRES±

LONNIE HILL
TAX MAP 270
PARCEL 4
78.74 ACRES±

WELL RESTRICTIONS

1. NO OCCUPIED DWELLINGS > WITHIN 625 FEET OF CENTER OF PAD
2. NO AGRICULTURE BUILDINGS > 2500 SQ FT WITHIN 625 FEET OF CENTER OF PAD.
3. NO WATER WELLS OR DEVELOPED SPRINGS ARE WITHIN 1,500 FEET OF THE CENTER OF THE PAD.
4. NO PERENNIAL STREAMS, LAKES, PONDS, OR RESERVOIRS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE.
5. NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF LIMITS OF DISTURBANCE.
6. NO GROUND INTAKE OR PUBLIC WATER SUPPLY WITHIN 1000 FEET OF THE LIMITS OF DISTURBANCE.
7. NO WETLAND WITHIN 100 FEET OF LIMITS OF DISTURBANCE.

COMPTON JULIA C. TRUST
TAX MAP 269 PARCEL
22.3
1.15 ACRES±

CHARLES POINT
CROSSING LLC
TAX MAP 269 PARCEL 22
71.83 ACRES±

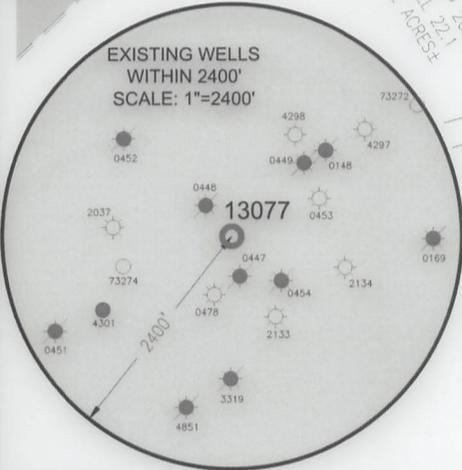
LEASE
53813

CHARLES POINT
CROSSING LLC
TAX MAP 269
PARCEL 22.2
23.10 ACRES±

BOTTOM
HOLE

LEASE
49807
52357

JULIA C. COMPTON TRUST 2003
(JAMES A. COMPTON ET AL TRUSTEE)
TAX MAP 270 PARCEL 24
66.44 ACRES±



NOTES ON SURVEY

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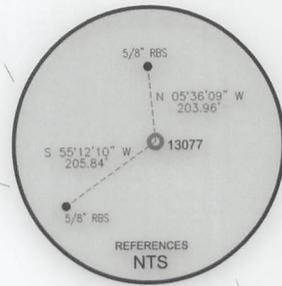
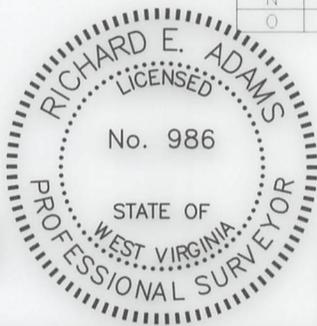
800' 0 800'

GRAPHIC SCALE IN FEET

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.

P.S. 986

Richard E. Adams



GRID NORTH
UTM, NAD83 DATUM, ZONE 17, US FT

Longitude: 80°12'30"

BOTTOM HOLE 4096'
SURFACE HOLE 4027'

SURFACE HOLE LOCATION (SHL):

GEOGRAPHIC (NAD83):
LATITUDE: 39.322278°
LONGITUDE: -80.234260°

UTM (NAD83, ZONE 17, FEET):
NORTHING: 14,280,878.945
EASTING: 1,856,969.125

UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,352,820.608
EASTING: 566,005.321

BOTTOM HOLE LOCATION (BHL):

GEOGRAPHIC (NAD83):
LATITUDE: 39.322089°
LONGITUDE: -80.231728°

UTM (NAD83, ZONE 17, FEET):
NORTHING: 14,280,816.273
EASTING: 1,857,685.832

UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,352,801.506
EASTING: 566,223.774

ADJOINING OWNERS TABLE

TRACT	SURFACE OWNER	TAX PARCEL	ACRES
A	ANNS RUN LIMITED LIABILITY COMPANY	270-25	12.08
B	LONNIE HILL	270-3	0.52
C	CPH DEVELOPMENT CO LP	2431-1.1	3.00
D	BRIDGEPORT DEVELOPMENT AUTHORITY	2431-1.2	1.00
E	GENESIS PARTNERS LIMITED PARTNERSHIP	2431-22	1.34
F	GENESIS PARTNERS LIMITED PARTNERSHIP	2431-23	2.23
G	ANNS RUN LIMITED LIABILITY COMPANY	2431-26	4.44
H	CPM LLC	2431-13	1.97
I	GENESIS PARTNERS LIMITED PARTNERSHIP	2431-15	0.18
J	METRO RENTALS LLC	2431-12	1.67
K	ANNS RUN LIMITED LIABILITY COMPANY	2431-28	1.93
L	ANNS RUN LIMITED LIABILITY COMPANY	2431-25	1.66
M	METRO RENTALS LLC	2431-18	1.08
N	BRUCETON FARM SERVICE INC.	2431-17	0.51
O	BROADSTONE BW APPALACHIA LLC	2431-10	1.40

COMPANY:



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

WVDEP
OFFICE OF OIL & GAS
601 57TH STREET
CHARLESTON, WV 25034

MINIMUM DEGREE OF ACCURACY: 1/200
PROVEN SOURCE OF ELEVATION: SURVEY GRADE GPS (NAVD 88, US FT)

OPERATOR'S WELL #: WELL: 13077

API WELL #: 47 STATE 033 COUNTY 06005T PERMIT

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

WATERSHED: BARNETT'S RUN ELEVATION: 1305
DISTRICT: SIMPSON DISTRICT COUNTY: HARRISON QUADRANGLE: ROSEMONT
SURFACE OWNER: CHARLES POINT CROSSING LLC ACREAGE: 23.10±
OIL & GAS ROYALTY OWNER: SHIRLEY VORSE ET AL ACREAGE: 28±

DRILL DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION
CONVERT PLUG & ABANDON CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY)

TARGET FORMATION: FIFTY FOOT SAND ESTIMATED DEPTH: 2,063 TVD 2,190 TMD

WELL OPERATOR: EASTERN GAS TRANSMISSION AND STORAGE, INC. DESIGNATED AGENT: JOHN LOVE
ADDRESS: 925 WHITE OAKS BLVD ADDRESS: 925 WHITE OAK BLVD
CITY: BRIDGEPORT STATE: WV ZIP CODE: 26330 CITY: BRIDGEPORT STATE: WV ZIP CODE: 26330

LEGEND:	REVISIONS:	DATE:
○ PROPOSED SURFACE HOLE / BOTTOM HOLE		07-10-2020
⊙ EXISTING / PRODUCING WELLHEAD		
LPL* LANDING POINT LOCATION		DRAWN BY: K.E.S.
W EXISTING WATER WELL		SCALE: 1" = 2000'
S EXISTING SPRING		DRAWING NO: 300-492
		WELL LOCATION PLAT