



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

Friday, December 10, 2021
WELL WORK PERMIT
Vertical / Re-Work

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

Re: Permit approval for BW7894
47-041-02851-00-00

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: BW7894
Farm Name: BURNSIDE, MARY C.
U.S. WELL NUMBER: 47-041-02851-00-00
Vertical Re-Work
Date Issued: 12/10/2021

Promoting a healthy environment.

12/10/2021

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.

12/09

4704102851W

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 Lewis Freemans Creek Camden
Operator ID County District Quadrangle

2) Operator's Well Number: BW-7894 3) Elevation: 1222.39

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

5) Proposed Target Formation(s): Gantz Proposed Target Depth: 1910

6) Proposed Total Depth: 1910 Feet Formation at Proposed Total Depth: Gantz

7) Approximate fresh water strata depths: 25'-35'

8) Approximate salt water depths: 870-880'

9) Approximate coal seam depths: 20-25'

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

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 Work Plan SET NEW STRING OF 3 1/2" J55 PRODUCTION TUBING, 244

13) CASING AND TUBING PROGRAM

B.S. 3-25-21

TYPE	SPECIFICATIONS			FOOTAGE	INTERVALS	CEMENT
	Size	Grade	Weight per ft	For Drilling	Left in Well	Fill -up (Cu. Ft.)
Conductor	10-3/4"			155	155	Existing
Fresh Water	8-5/8"			929'	929'	Existing
Coal	7"			1678'	786'	Existing
Intermediate	5-1/2"	K-55	17	1830'	1830'	Existing
Production	3-1/2"	J-55	9.2	1820'	1820'	CTS
Tubing						RECEIVED
Liners						NOV 23 2021

Packers: Kind: Formation Packer Shoe
Sizes: 3.5"
Depths Set Approx. 1820'

WV Department of Environmental Protection

12/10/2021

4704102851W

1. Install containment and all E&S controls per E&S plan.
2. MIRU service rig and ancillary equipment
3. Remove existing wellhead and master valve
4. Install 7-1/16" 3M X 5-1/2" 8rd tubing head
5. NU BOPs to the tubing head. Test stack.
6. MIRU wireline truck and CBL the 5.5" casing.
7. Retrieve RBP
8. Load well with treated water.
9. MIRU wireline
10. Set composite bridge plug
11. Perforate squeeze holes in the 5.5" casing
12. RDMO wireline
13. TIH with workstring and cement retainer
14. Set retainer
15. MIRU cementers
16. Squeeze cement the 5.5"X8.625" annulus with Class A cement
17. RDMO cementers
18. Cleanout 5.5" casing
19. MIRU wireline and CBL 5.5" casing
20. Run 3.5" tubing with formation packer shoe BHA to an approx. depth of 1820'
21. MIRU cementers
22. Cement the 3.5" tubing to surface as follows
 - a. Lead – standard cement with 3% Halad 344 or equivalent. Weight 15.4 ppg
 - b. Tail – standard cement with 0.5% Halad 344 or equivalent and 2% CaCl₂
23. MU master valve and BOP to the tubing head
24. MU bit and TIH to drill out 3.5" shoe and clean out open hole section
25. Acidize storage horizon to remediate any residual cement.
26. TOH.
27. Unload the well, and return to service

RECEIVED

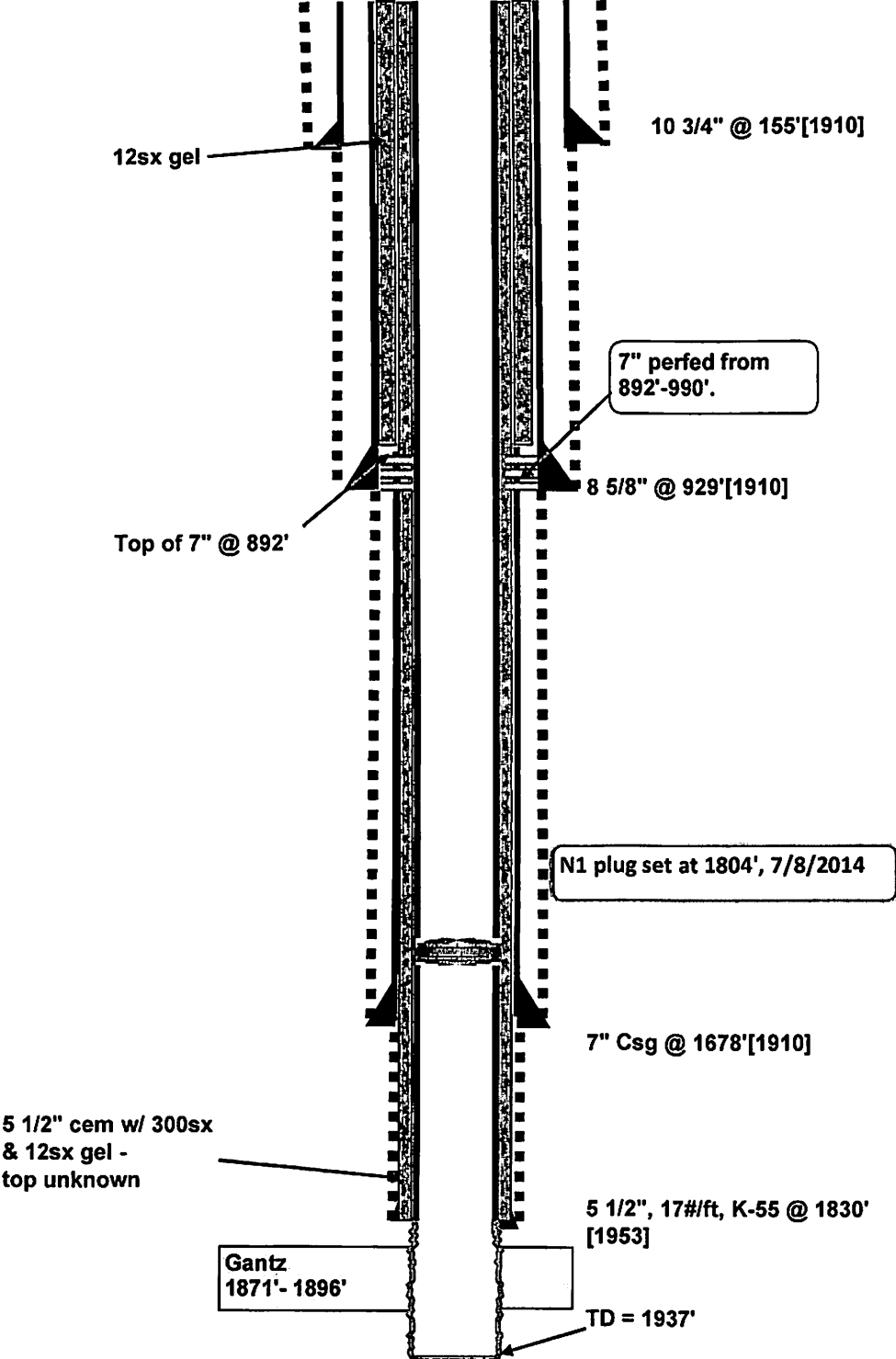
NOV 23 2021

U.S. Department of
Environmental Protection

12/10/2021

Kennedy Storage
 BW-7894[I/W]
 Permit #47-041-02851
 Elev = 1231'[GL]

4704102851W



NOV 2 2021
 Department of Environment & Conservation

Well Name & Number:		BW-7894		Lease	M. C. Burnside		
County or Parish:		Lewis	State/Prov.	WV	Country:	USA	
Perforations: (MD)				(TVD)	1937'		
Angle/Perfs	Angle @KOP and Depth					KOP TVD	
BHP:	BHT:	Completion Fluid:					
FWHP:	FBHP:	FWHT:	FBHT:	Other:			
Date Completed:	03/12/10			RKB:			
Prepared By:	Richard Cross		Last Revision Date:	12/18/03			

12/10/2021

4704102851W

Form H 180 20

Well No. 7894

Hope Natural Gas Company

REPAIR RECORD

Kanawha District

Farm Name *Mary C. Burnside*

N 24 E 5 W

Date First Work Done *March 11, 1953 3rd. Road*

Nature of Work *Moved in Buc.-Erie Spudder*

Commenced:

Completed:

Cleaning Out *March 16, 1953*

Cleaning Out *March 31, 1953*

Drilling Deeper

Drilling Deeper

Abandoning *Lower Hole - March 17, 1953*

Abandoning *Lower Hole - March 23, 1953*

CASING AND TUBING RECORD

Size	Before Repairs		Pulled		Put in Well		After Repairs		Weight
	Tally	Steel Line	Tally	Steel Line	Tally	Steel Line	Tally	Steel Line	
10-3/4"	155	-	None	-	None	-	155	-	-
8-5/8"	929	-	None	-	None	-	929	-	-
7"	1678	-	892	-	None	-	786	-	-
5-1/2"	2176	-	2176	-	None	-	None	-	20#
5-1/2"	None	-	None	-	1841	1830	1841	1830	17#

SHOOTING RECORD (Show if Open Shot or Tamped Shot)

Date	Quarts	Top of Shell	Bottom of Shell	Diameter	Sand	TEST BEFORE SHOT			TEST AFTER SHOT			Test Taken After Shot No. Hours	By Whom Shot
						Reading	Liquid	Opening	Reading	Liquid	Opening		
3-27-53	20	1877	1897	2 1/2"	Gantz	23/10	W	3/4"	6/10	W	2"	48	Marietta Torpedo Co.

RECORD OF ANY DEEPER DRILLING (20 M)

Formation	Top	Bottom	Oil at	Gas at
Commenced drilling at depth of	Lower hole abandoned from 2388			
	to 1937'.			
GAMMA-RAY				
Gantz Sand	1873	1897		
Note: See other side for Gamma Ray Log.				
Total Depth	Present S. L. Depth - 1937'.			

(103 M) PACKER RECORD

Size	Kind	Set At (Steel Line)
5-1/2"	Steel Casing Shoe	1830
PACKER PULLED		
Size	Kind	
OIL PRODUCTION		
Estimated	bbl. per day	Sand
CLARKSBURG OFFICE ENTRIES		
Repair Card	<i>M.S.P. 3/16/53</i>	
Well Card	<i>" "</i>	
Memo Book	<i>" "</i>	
Wall Map	<i>C.D.P. - 4/17/53</i>	
Map Sheets	<i>APK 1953 A.F.I.</i>	

VOLUME AND PRESSURE REPORT

BEFORE CLEANING OUT (Take Test When Ready to Clean Out)

VOLUME TEST

Date of Test	Flow Meter or Open Flow	PITOT TUBE			CUBIC FEET	Sands Gas From	Time Blown
		Reading	Liquid Used	Opening			
3-14-53	FM	16/10	Water	3/4"	16,944	Gordon & Fifth	C. O.

AFTER CLEANING OUT

VOLUME TEST

Date of Test	Flow Meter or Open Flow	PITOT TUBE			CUBIC FEET	Sands Gas From	Time Blown
		Reading	Liquid Used	Opening			
3-31-53	OF	6/10	Water	2"	103 M	Gantz	C. O.

AFTER DRILLING DEEPER

VOLUME TEST

Date of Test	Flow Meter or Open Flow	PITOT TUBE			CUBIC FEET	Sands Gas From	Time Blown
		Reading	Liquid Used	Opening			

PRESSURE TEST

Date of Test	Opening	1 Min.	2 Min.	3 Min.	4 Min.	5 Min.	6 Min.	7 Min.	8 Min.	9 Min.	10 Min.	30 Min.	60 Min.	Hrs./Rock
		3-31-53	5 1/2" Casing											
	" Tubing	No Tubing.												

Remarks: Lower hole abandoned and well reconditioned for storage.

Hal Courtney,

C. O. Driller,

ORIGINAL-For Land Dept. Only

12/10/2021
District Superintendent

WW-2A
(Rev. 6-14)

1). Date: 3/9/21
2.) Operator's Well Number BW-7894
State County Permit
3.) API Well No.: 47- 041 - 02851

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 Suzanne Lynn Evans
Address 1064 38th Street
Parkersburg, WV 26104
(b) Name _____
Address _____
(c) Name _____
Address _____
6) Inspector
Address _____
Telephone _____
5) (a) Coal Operator
Name _____
Address _____
(b) Coal Owner(s) with Declaration
Name See attached
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 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 11th day of May, 2021, Eastern Gas Transmission

Melissa D. Mars
My Commission Expires July 5, 2025
Oil and Gas Privacy Notice

RECEIVED
Notary Public
[Signature]
NOV 9 8 2021

12/10/2021

WW-2A Coal Owner

Pittsburgh and Redstone Coal Seam Owner:

Eastern Gas Transmission & Storage, Inc.
925 White Oaks Blvd.
Bridgeport, WV 26330

All Coal below Pittsburgh and Redstone Coal Seam:

James Michael Burnside
3209 Dalewood Ave.
Cedar Rapids, IA 52403

Jerry Beth Fitzpatrick
3752 Vadis Rd.
Alum Bridge, WV 26321

Suzanne Lynn Evans
1064 38th Street
Parkersburg, WV 26104

Kimberly Jean Ragsdale
5208 Dellway Drive
Charleston, WV 25313

All Coal above Pittsburgh and Redstone Coal Seam:

James Michael Burnside
3209 Dalewood Ave.
Cedar Rapids, IA 52403

Jerry Beth Fitzpatrick
3752 Vadis Rd.
Alum Bridge, WV 26321

Suzanne Lynn Evans
1064 38th Street
Parkersburg, WV 26104

Pamela Ann Evans
11 Knotweed Ct.
Bluffton, SC 29909

RECEIVED
Office of Oil and Gas

NOV 23 2021

West Virginia Department of
Environmental Protection

12/10/2021

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

USPS® ARTICLE NUMBER
 9314 7699 0430 0086 9141 51

Certified Mail Fee	\$ 3.75	Postmark Here
Return Receipt (Hardcopy)	\$ 3.05	
Return Receipt (Electronic)	\$ 0.00	
Certified Mail Restricted Delivery	\$ 0.00	
Postage	\$ 1.56	
Total Postage and Fees	\$ 8.36	

Sent to:
 James Michael Burnside
 3209 Dalewood Ave.
 Cedar Rapids, IA 52403

Alex Worley Reference Information

PS Form 3800, Facsimile, July 2015

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

USPS® ARTICLE NUMBER
 9314 7699 0430 0086 9139 18

Certified Mail Fee	\$ 3.75	Postmark Here
Return Receipt (Hardcopy)	\$ 3.05	
Return Receipt (Electronic)	\$ 0.00	
Certified Mail Restricted Delivery	\$ 0.00	
Postage	\$ 1.56	
Total Postage and Fees	\$ 8.36	

Sent to:
 Suzanne Evans
 1064 38th Street
 Parkersburg, WV 26104

Alex Worley Reference Information

PS Form 3800, Facsimile, July 2015

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

USPS® ARTICLE NUMBER
 9314 7699 0430 0086 9140 83

Certified Mail Fee	\$ 3.75	Postmark Here
Return Receipt (Hardcopy)	\$ 3.05	
Return Receipt (Electronic)	\$ 0.00	
Certified Mail Restricted Delivery	\$ 0.00	
Postage	\$ 1.56	
Total Postage and Fees	\$ 8.36	

Sent to:
 Jerry Fitzpatrick
 3752 Vadis Rd
 Alum Bridge, WV 26321

Alex Worley Reference Information

PS Form 3800, Facsimile, July 2015

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

USPS® ARTICLE NUMBER
 9314 7699 0430 0086 9142 05

Certified Mail Fee	\$ 3.75	Postmark Here
Return Receipt (Hardcopy)	\$ 3.05	
Return Receipt (Electronic)	\$ 0.00	
Certified Mail Restricted Delivery	\$ 0.00	
Postage	\$ 1.56	
Total Postage and Fees	\$ 8.36	

Sent to:
 Kimberly Jean Ragsdale
 5208 Dellway Drive
 Charleston, WV 25313

Alex Worley Reference Information

RECEIVED
 Gas
 NOV 23 2021
 WV Department of

PS Form 3800, Facsimile, July 2015

12/10/2021

COAL OPERATOR, OWNER, OR LESSEE WAIVER

County Lewis
Operator Eastern Gas Transmission and Storage, Inc.

Operator's Well Number BW-7894

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

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

[Signature] 9-23-2021
Signature Date

RECEIVED
NOV 23 2021
WV Department of
Environmental Protection

12/10/2021

**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
Pittsburgh and West Virginia Gas Company Merger Information	Hope Natural Gas Company See Exhibit A	1/8	156/420

**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 NOV 9 2021
 By: Its: Eastern Gas Transmission and Storage, Inc.
Director of Storage Office of Oil and Gas

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.

NOV 10 2021
U.S. DEPARTMENT OF ENERGY
OFFICE OF OIL AND GAS

NOV 10 2021

NOV 10 2021
U.S. DEPARTMENT OF ENERGY
OFFICE OF OIL AND GAS

12/10/2021

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) Mare Run Quadrangle Camden

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)

Will closed loop system be used? If so, describe: NA

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

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

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

-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



Subscribed and sworn before me this 11th day of May, 2021

Melissa D. Mars Notary Public

My commission expires July 5, 2025

NOV 23 2021

12/10/2021

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 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:

Bang Stillip

Comments:

Title: _____

Date: 3-28-21

Field Reviewed?

Yes

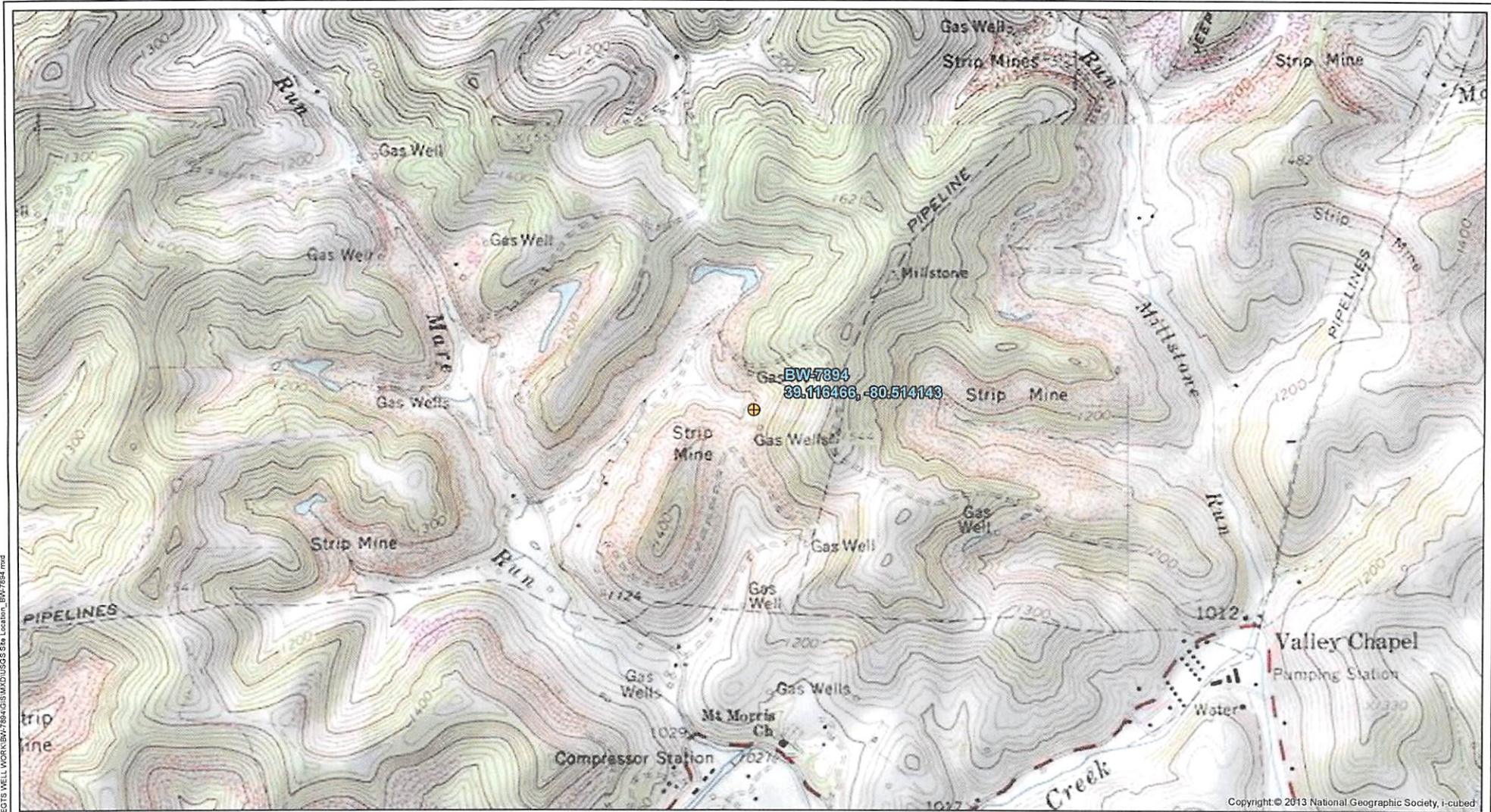
No

Office of Oil and Gas

NOV 23 2021


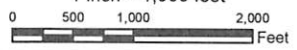




12/10/2021

4704102851W



Document Path: R:\07070-10307-00 - EOTS WELL WORK\BW7894\GIS\MXD\USGS Site Location_BW7894.mxd

Copyright © 2013 National Geographic Society, i-cubed


	DETAILS:	EXTENT INDICATOR	Legend	1 inch = 1,000 feet 	USGS Site Location BW-7894 Well Project Lewis County - West Virginia
	Quad: Camden		 BW-7894 Well		
	Drawn By: lhovermale Date: 9/22/2021				
	Surveyed By: Date:				
	Project No. 070-10307				
Sheet Number: Overall					

DISCLAIMER: The information contained herein is the sole property of The Thrasher Group, Inc. Reproduction of these documents in whole or in part, for any reason without prior written permission, is strictly prohibited. Copyright (C) 2021 THE THRASHER GROUP, INC.

BW-7894 (API 47-041-02851)

Write a description for your map.

Legend

 17 S 542002.17 4329813.5

 17 S 542002.17 4329813.5

Google Earth

 500 ft



12/10/2021

WW-2B1
(5-12)

Well No. BW-7894

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	<u>Reliance Laboratories</u>
Sampling Contractor	<u>The Thrasher Group</u>

Well Operator	<u>Eastern Gas Transmission and Storage, Inc.</u>
Address	<u>925 White Oaks Blvd.</u>
	<u>Bridgeport, WV 26330</u>
Telephone	<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.

Office of Oil and Gas
November 8, 2021
West Virginia Department of
Environmental Protection

12/10/2021

4704102851W

7019 1120 0001 8986 8832

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

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

OFFICIAL USE

Certified Mail Fee
\$ _____

Extra Services & Fees (check box, add fee as appropriate)

Return Receipt (hardcopy) \$ _____

Return Receipt (electronic) \$ _____

Certified Mail Restricted Delivery \$ _____

Adult Signature Required \$ _____

Adult Signature Restricted Delivery \$ _____

Postage
\$ _____

Total Postage and Fees
\$ _____

RECEIVED
Postmark
Here
MAY 10 2021

Sent To
John Kent & Bertha F Benedum
604 Mare Run Rd.
Weston, WV 26452

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- 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:

John Kent & Bertha F Benedum
604 Mare Run Rd.
Weston, WV 26452



9590 9402 4184 8121 1188 47

2. Article Number (Transfer from service label)

7019 1120 0001 8986 8832

PS Form 3811, July 2015 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

A. Signature
 Eric Benedum Agent
 Addressee

B. Received by (Printed Name)
Eric Benedum

C. Date of Delivery
5-12-21

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

MAY 13 2021

3. Service Type

Adult Signature Priority Mail Express®

Adult Signature Restricted Delivery Registered Mail™

Certified Mail® Registered Mail Restricted Delivery

Certified Mail Restricted Delivery Return Receipt for Merchandise

Collect on Delivery Signature Confirmation™

Collect on Delivery Restricted Delivery Signature Confirmation Restricted Delivery

Insured Mail

Insured Mail Restricted Delivery (over \$500)

Domestic Return Receipt

RECEIVED
Office of Oil and Gas

NOV 23 2021

WV Department of
Environmental Protection

12/10/2021

4704102851w

FORM WW-6

LATITUDE 39° 07' 30"

4,013'

LONGITUDE 80° 30' 00"

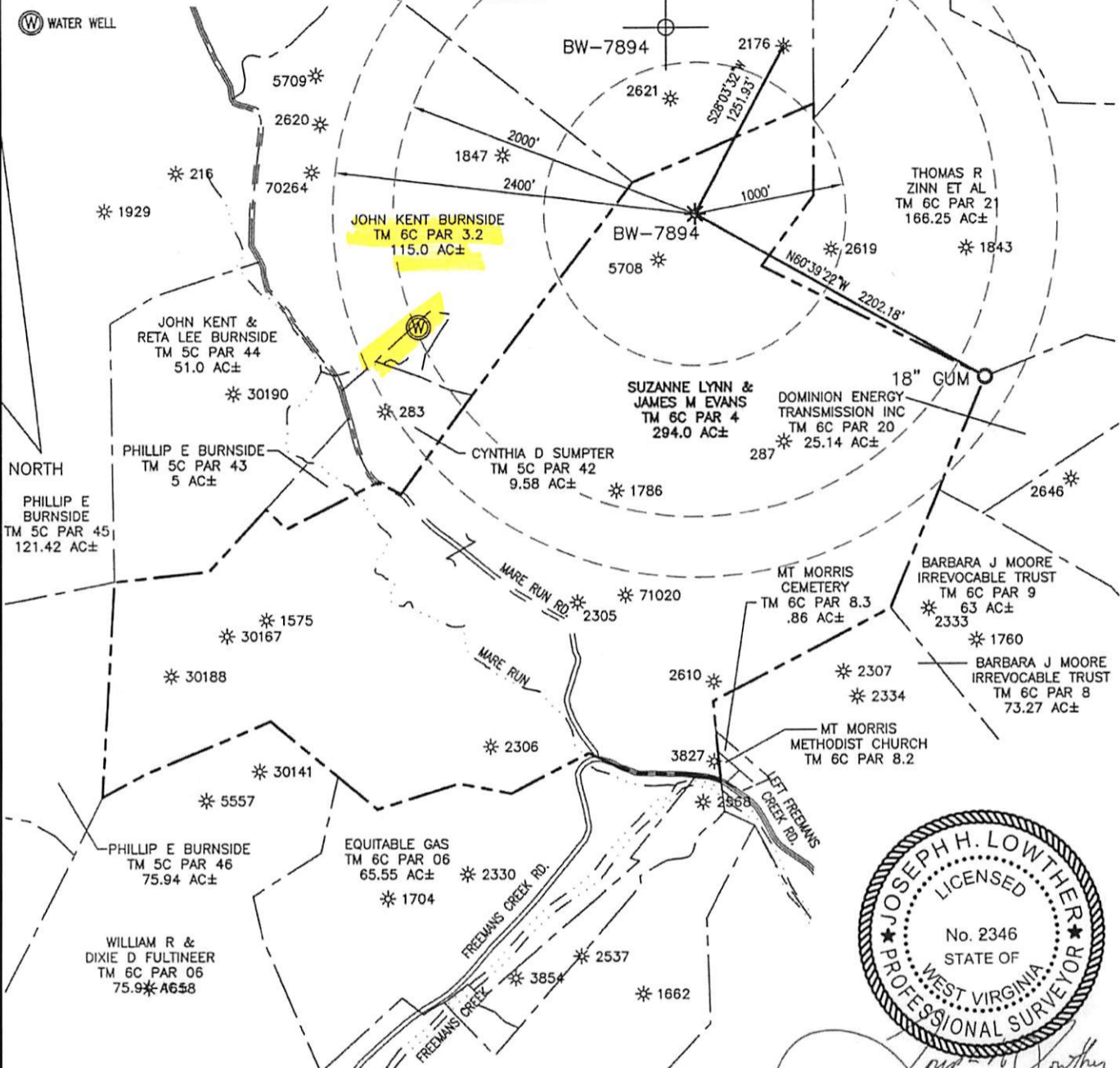
EASTERN GAS TRANSMISSION & STORAGE INC. WELL NO. BW-7894

WELL NO. BW-7894 UTM 17-NAD 83(M) (NAD 83 NORTH ZONE) N: 4329813.49 E: 542002.17

STATE PLANE COORDINATES (NAD 83 SOUTH ZONE) N: 771091.834 E: 2106364.290

NOTES: -PLAT ORIENTATION, CORNERS, AND WELL REFERENCES ARE BASED UPON THE GRID NORTH MERIDIAN FOR THE WV STATE PLANE COORDINATE SYSTEM, SOUTH ZONE NAD 83. WELL LOCATION REFERENCE TIES ARE BASED UPON THE MAGNETIC MERIDIAN.

-THERE APPEARS TO BE NO WATER WELLS LOCATED WITHIN 1000' OF WELL BW-7894.



JOSEPH L. LOWTHER P.S. 2346

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.

FILE NO. 2851
SCALE: 1"=1000'
MINIMUM DEGREE OF ACCURACY: 1 in 200
PROVEN SOURCE OF ELEVATION: DGPS (Submeter Mapping Grade)



DATE SEPTEMBER 22, 2021
OPERATOR'S WELL NO. BW-7894
API WELL NO. 47 - 041 - 02851w
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL (IF "GAS"), PRODUCTION STORAGE DEEP SHALLOW
LOCATION: ELEVATION: 1222.39 WATER SHED: FREEMANS CREEK
DISTRICT: FREEMANS CREEK COUNTY: LEWIS
QUADRANGLE: CAMDEN 7.5' ACREAGE: 294.0
SURFACE OWNER: SUZANNE LYNN & JAMES M. EVANS LEASE ACREAGE: 300.0
OIL & GAS ROYALTY OWNER: KIMBERLY J. RAGSDALE LEASE NO. 52229



PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PERFORATE NEW FORMATION PLUG OFF OLD FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) 12/10/2021

PLUG AND ABANDON CLEAN OUT AND REPLUG
TARGET FORMATION: GANTZ ESTIMATED DEPTH: 1,910 TVD

WELL OPERATOR: EASTERN GAS TRANSMISSION & STORAGE INC. DESIGNATED AGENT: JOHN M. LOVE
ADDRESS: 925 WHITE OAKS BLVD. ADDRESS: 925 WHITE OAKS BLVD.
BRIDGEPORT, WV 26330 BRIDGEPORT, WV 26330



Select County: (041) Lewis (Check All)

Enter Permit #: 02851

Select datatypes:

- Location
- Production
- Plugging
- Owner/Completion
- Stratigraphy
- Sample
- Pay/Show/Water
- Logs
- Btm Hole Loc

- [Table Descriptions](#)
- [County Code Translations](#)
- [Permit-Numbering Series](#)
- [Usage Notes](#)
- [Contact Information](#)
- [Disclaimer](#)
- [WVGES Main](#)
- ["Pipeline-Plus" New](#)

WV Geological & Economic Survey:

Well: County = 41 Permit = 02851

Report Time: Tuesday, November 30, 2021 10:12:51 AM

Well Reassignment Information: Reassigned From

OLD_COUNTY	OLD_PERMIT	NEW_COUNTY	NEW_PERMIT
41	71016	41	2851

Location Information: [View Map](#)

API	COUNTY	PERMIT	TAX_DISTRICT	QUAD_75	QUAD_15	LAT_DD	LON_DD	UTME	UTMN
4704102851	Lewis	2851	Freemans Creek	Camden	Vadis	39.116093	-80.514138	542002.9	4329772.1

There is no Bottom Hole Location data for this well

Owner Information:

API	CMP_DT	SUFFIX	STATUS	SURFACE_OWNER	WELL_NUM	CO_NUM	LEASE	LEASE_NUM	MINERAL_OWN	OPERATOR_AT_COMPLETION	PROP_VD	PROP_TRGT_FM	TFM_EST_PR
4704102851	-/-		unknown	Prpty Map	Mary C Burnside		BW7894			Hope Natural Gas Company			
4704102851	-/-		Original Loc	Completed	M C Burnside		7894			Consolidated Gas Supply Corp.			

Completion Information:

API	CMP_DT	SPUD_DT	ELEV	DATUM	FIELD	DEEPEST_FM	DEEPEST_FMT	INITIAL_CLASS	FINAL_CLASS	TYPE	RIG	CMP_MTHD	TVD	TMD	NEW_FTG	KOD	G_BEF	G_AFT	O_BEF	O_AFT	NGL_BEF	NG
4704102851	-/-	-/-						unclassified	unclassified	not available	unknown	unknown										
4704102851	-/-	-/-			Unnamed			unclassified	unclassified	not available	unknown	unknown				0		0		0		0

There is no Pay data for this well

There is no Production Gas data for this well

There is no Production Oil data for this well ** some operators may have reported NGL under Oil

There is no Production NGL data for this well ** some operators may have reported NGL under Oil

There is no Production Water data for this well

There is no Stratigraphy data for this well

There is no Wireline (E-Log) data for this well

There is no Plugging data for this well

There is no Sample data for this well

4704102851W

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 BW-7894. 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,

Check # 331229
\$550.00
9/9/2021

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

RECEIVED
Office of Oil and Gas

NOV 23 2021

WV Department of
Environmental Protection

12/10/2021

Certified Mail service provides the following benefits.

- A receipt (this portion of the Certified Mail label).
 - A unique identifier for your mailpiece.
 - Electronic verification of delivery or attempted delivery.
 - A record of delivery (including the recipient's signature) that is retained by the Postal Service™ for a specified period.
- Important Reminders:**
- You may purchase Certified Mail service with First-Class Mail®, First-Class Package Service®, or Priority Mail® service.
 - Certified Mail service is *not* available for International mail.
 - Insurance coverage is *not* available for purchase with Certified Mail service. However, the purchase of Certified Mail service does not change the insurance coverage automatically included with certain Priority Mail items.
 - For an additional fee, and with a proper endorsement on the mailpiece, you may request the following services:
 - Return receipt service, which provides a record of delivery (including the recipient's signature). You can request a hardcopy return receipt or an electronic version. For a hardcopy return receipt, complete PS Form 3811, *Domestic Return Receipt*; attach PS Form 3811 to your mailpiece;
 - Restricted delivery service, which provides delivery to the addressee specified by name, or to the addressee's authorized agent.
 - Adult signature service, which requires the signee to be at least 21 years of age (not available at retail).
 - Adult signature restricted delivery service, which requires the signee to be at least 21 years of age and provides delivery to the addressee specified by name, or to the addressee's authorized agent (not available at retail).
 - To ensure that your Certified Mail receipt is accepted as legal proof of mailing, it should bear a USPS postmark. If you would like a postmark on this Certified Mail receipt, please present your Certified Mail item at a Post Office™ for postmarking. If you don't need a postmark on this Certified Mail receipt, detach the barcoded portion of this label, affix it to the mailpiece, apply appropriate postage, and deposit the mailpiece.
- IMPORTANT: Save this receipt for your records.**

PS Form 3800, April 2015 (Reverse) PSN 7530-02-000-9047

USPS TRACKING®
CHARLES CP 2



9590 9402 4184 8121 1188 47



First-Class Mail
Postage & Fees Paid
USPS
Permit No. G-10

United States
Postal Service

• Sender: Please print your name, address, and ZIP+4® in this box®

The Thrasher Group, Inc.
ATTN: Tyler Spear
600 White Oaks Blvd.
Bridgeport, WV 26330

4704102851W

NOV 23 2021



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

Re-Work Vertical Well Work Permit (API: 47-041-02851)

1 message

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

Fri, Dec 10, 2021 at 1:16 PM

To: "Designated Agent John M. Love" <john.m.love@dom.com>, John Breen <jbreen@assessor.state.wv.us>, "Ward, Samuel D" <samuel.d.ward@wv.gov>

I have attached a copy of the newly issued well permit numbers:

47-041-02851 - BW7894

This will serve as your copy.

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

 **47-041-02851 - Copy.pdf**
4394K

12/10/2021