



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

Thursday, April 6, 2023
WELL WORK PERMIT
Vertical / Re-Work

EASTERN GAS TRANSMISSION AND STORAGE, INC
925 WHITE OAKS BOULEVARD

BRIDGEPORT, WV 26330

Re: Permit approval for 8078
47-033-00839-00-00

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

A blue ink signature of James A. Martin, Chief, is written over the text.

Operator's Well Number: 8078
Farm Name: ANDREWS, C. L.
U.S. WELL NUMBER: 47-033-00839-00-00
Vertical Re-Work
Date Issued: 4/6/2023

Promoting a healthy environment.

04/07/2023

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4703300839w

PERMIT CONDITIONS

West Virginia Code § 22-6-11 allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

CONDITIONS

1. If the operator encounters an unanticipated void, or an anticipated void at an unanticipated depth, the operator shall notify the inspector within 24 hours. Modifications to the casing program may be necessary to comply with W. Va. Code § 22-6-20, which requires drilling to a minimum depth of thirty feet below the bottom of the void, and installing a minimum of twenty (20) feet of casing. Under no circumstance should the operator drill more than fifty (50) feet below the bottom of the void or install less than twenty (20) feet of casing below the bottom of the void.
2. Pursuant to 35 CSR § 4-19.1.a, at the request of the surface owner all water wells or springs within 1000 feet of the proposed well that are actually utilized for human consumption, domestic animals or other general use shall be sampled and analyzed.
3. Pursuant to 35 CSR § 4-19.1.c, if the operator is unable to sample and analyze any water well or spring within one thousand (1,000) feet of the permitted well location, the Office of Oil and Gas requires the operator to sample, at a minimum, one water well or spring located between one thousand (1,000) feet and two thousand (2,000) feet of the permitted well location.
4. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
5. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.
6. During the surface casing and cementing process, in the event cement does not return to the surface, or any other casing string that is permitted to circulate cement to the surface and cement 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. This proposed activity may require permit coverage from the United States Army Corps of Engineers (USACOE). Through this permit, you are hereby being advised to consult with the USACOE regarding this proposed activity.

04/07/2023

4703300839W CK# 4909
CK# 550.00

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 Grant West Milford
Operator ID County District Quadrangle

2) Operator's Well Number: CW-240 3) Elevation: 1193'

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

5) Proposed Target Formation(s): Gantz A Proposed Target Depth: 1916'

6) Proposed Total Depth: 1940' Feet Formation at Proposed Total Depth: Gantz A

7) Approximate fresh water strata depths: No Record

8) Approximate salt water depths: 1925', 2283'

9) Approximate coal seam depths: N/A

10) Approximate void depths,(coal, Karst, other): N/A

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 4-1/2" casing back from current TD of 2247' to 1940' with Class A cement. Tag cement plug and set cast iron bridge plug on top of cement plug. Perforate Gantz A From 1916'-1928' for storage observation.

13) **CASING AND TUBING PROGRAM**

TYPE	SPECIFICATIONS			FOOTAGE	INTERVALS	CEMENT
	Size	Grade	Weight per ft			
Conductor	10-3/4		32.75	124'	124'	Existing
Fresh Water						
Coal						
Intermediate	7"	K-55	20	1547'	1547'	Existing
Production	4-1/2"	K-55	11.6	2247'	2247'	CTS ✓
Tubing						
Liners						

Packers: Kind: _____
Sizes: _____
Depths Set _____

04/07/2023

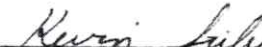
WORKOVER PROCEDURE

CW-240 (Well 5081)

Current Status: Fourth/Fifth sand production wellProposed Status: Gantz sand storage observationProduction Casing: 4 1/2" @ 2317', cemented to surfaceRecommended Procedure

- (1) Move in service rig with power swivel.
- (2) Run in hole with 3 7/8" bit on tubing. Clean out at 2490'.
- (3) Run in hole with tubing open-ended. Plug with cement from 2490'-2100'. WOC overnight.
- (4) Swab casing dry. Install 4" flanged gate valve.
- (5) Rig up wireline. Run GR-CCL for perforation depth control. Perforate Gantz sand from 1892'-1902' with 4 JSPF. Depth reference - Basin Surveys density log run 7-10-74.
- (6) Obtain open-flow test, 24-hour, 7-day, and 14-day shut-in pressures.

Prepared by

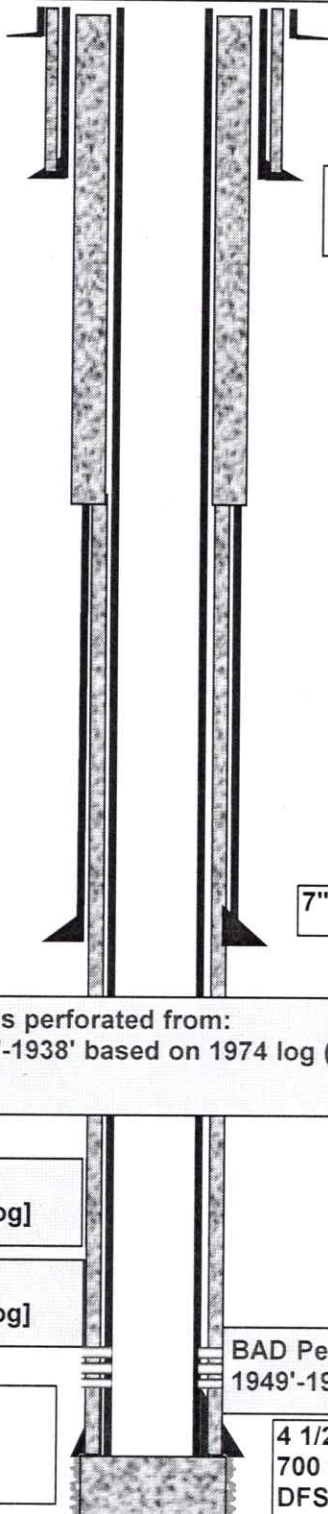

Kevin StilesRECEIVED
Office of Oil and Gas

FEB 10 2023

WV Department of
Environmental Protection

4703300839W

Lost Creek Storage
 CW-240 (GAOB)
 API # 47-033-00839
 GL: 1185'



16" csg set @ 18' [1974]

10-3/4", 32.75# H40 csg set @ 128',
 CTS w/ 200 sx. [1974]

7" csg stub 991' to 1562' (1918)

Needs perforated from:
 1928'-1938' based on 1974 log (9' KB)

Gantz
 1889'-1901' [1974 log]

Gantz "A"
 1915'-1946' [1974 log]

Log TD: 2247' [2021 GNT log]
 Current TD: 2237'
 Cleaned out to 2490'

BAD Perforations:
 1949'-1959'

4 1/2" 10.5# K55 csg set @ 2307' Cem. w/
 700 sx. 2021 TJCO photo shows TOC at 5'
 DFS. (1974)

RECEIVED
 Office of Oil and Gas
 FEB 10 2023
 WV Department of
 Environmental Protection

Well Name & Number:	CW-240		Lease	Smith, A. W.	
County or Parish:	Harrison	State/Prov.	WV	Country:	USA
Perforations: (MD)			(TVD)	2237'	
Angle/Perfs	Angle @KOP and Depth			KOP TVD	
BHP:	BHT:	Completion Fluid:			
FWHP:	FBHP:	FWHT:	FBHT:	Other:	
Date Completed:	12/6/1988				RKB:
Prepared By:	Michael Brannock		Last Revision Date:	5/20/2009	Dick C. [unclear]

04/07/2023

4703300839 W

RECEIVED

JUN 23 1975

OIL & GAS DEPT. OF MINES

FORM DC-8

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

AFFIDAVIT OF PLUGGING AND FILLING WELL

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

<p><u>No Operations</u> COAL OPERATOR OR OWNER</p> <hr/> <p>ADDRESS</p> <p><u>Charles L. Andrews</u> COAL OPERATOR OR OWNER</p> <p><u>1229 Argyll Circle, Lakewood NJ</u> ADDRESS</p> <p><u>Same</u> LEASE OR PROPERTY OWNER</p> <hr/> <p>ADDRESS</p>	<p><u>Consolidated Gas Supply Corporation</u> NAME OF WELL OPERATOR</p> <p><u>Clarksburg, W. Va.</u> COMPLETE ADDRESS</p> <p><u>June 17, 1975</u> 19 WELL AND LOCATION</p> <p><u>Union</u> District</p> <p><u>Harrison</u> County</p> <p>Well No. <u>8078</u></p> <p><u>C. L. Andrews</u> Farm</p>
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STATE INSPECTOR SUPERVISING PLUGGING Paul Garrett

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Harrison } SS:

Robert Stewart and D. R. Morrison
being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Consolidated Gas Supply Corporation well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 12th day of December, 1975, and that the well was plugged and filled in the following manner:

SAID OR ZONE RECORD FORMATION	FILLING MATERIAL	PLUGS USED SIZE & RING	CASING	
			CSG PULLED	CSG LEFT IN
	Gel 3210-2800'	10"	None	195
	Cement 2800-2700'	7"	None	1569
	Gel 2700-2500'	5"	250	1990
	Cement 2500'-2400'			
	Gel 2400'-2300'			
	Cement 2300'-2200'			
	Gel 2200'-250'			
	Pulled 5" casing from 250'			
	Perforated 7" 250' to 200'			
	and circulated cement to surface			
	Cemented hole 250' to surface			
	All account of hillside slippage			
COAL SEAMS	DESCRIPTION OF MONUMENT			
(NAME) <u>ptsbg</u>	<u>Regular 6" pipe marker</u>			
(NAME)				
(NAME)				
(NAME)				

and that the work of plugging and filling said well was completed on the 12th day of December, 1975.

And further deponents saith not.

Robert Stewart
D. R. Morrison
Sworn to and subscribed before me this 17 day of June, 1975
Walter L. White

My commission expires:
March 13, 1980

Notary Public.
Permit No. HAR-839-DD-P

04/07/2023

4703300839W



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

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DEC 16 1974

OIL & GAS DIVISION
DEPT. OF MINES

NOTICE OF INTENTION TO PLUG AND ABANDON WELL

(REQUIRED BY SECTION 9, ARTICLE 4, CHAPTER 22 OF THE CODE)

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

None _____ Consolidated Gas Supply Corporation
Coal Operator Name of Well Operator

_____ 445 W. Main St., Clarksburg, WV
Address Complete Address

Charles L. Andrews _____ December 13, 1974
Coal Owner Date

1229 Argyll Circle, Lakewood, NJ _____
Address WELL TO BE ABANDONED

Same _____ Union _____ District
Lease or Property Owner Harrison _____ County

_____ Well No. 8078
Address C. L. Andrews _____ Farm

Inspector Paul Garrett Telephone 622-3871

TO BE NOTIFIED 24 HOURS IN ADVANCE OF PLUGGING OPERATIONS

Gentlemen:—

The undersigned well operator is about to abandon the above described well and will commence

the work of plugging and abandoning said well on the date inspector is notified (which date shall not be less than five days after the day on which this notice so mailed is received, or in due course should be received by the Department of Mines).

This notice is given you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not represented the undersigned will proceed on that date, or shortly thereafter, to plug and fill said well in the manner required by Section 10, Article 4, Chapter 22 of the Code and given in detail on the reverse side of this notice, in "Work Order."

This notice is being mailed by registered mail to each of you at the above addresses on the above date.

Very truly yours,

J. Payne
Well Operator

NOTE: Upon the abandonment of any well drilled prior to June 1, 1929, a plat prepared by a registered engineer, shall be filed with THREE COPIES OF APPLICATION, (OG-9) AND "WORK ORDER" AND TWO COPIES OF THE WELL RECORD, (OG-10). The map must show the district and county in which the tract of land is located, the name and acreage of same, the name or names of the owners and names of adjacent tracts and the location of the well to be abandoned, determined by survey with the courses and distances of such well from two permanent points or landmarks on said tract, in compliance with Rule 5 of the Rules and Regulations.

NOTE: In case plugging is not commenced within four months from the date of permit, same shall expire and be of no further force or effect.

NOTE: PERMIT IS NON TRANSFERABLE.

BLANKET BOND

470-839-00-P
Permit Number

APPLICANT, FORM OG 8, MANNER WELL PLUGGED MUST BE
SUBMITTED TO OBTAIN RELEASE OF WELL UNDER BOND.

47-033

04/07/2023

PROPOSED MANNER OF PLUGGING AND FILLING WELL

(REQUIRED BY RULES AND REGULATIONS)

WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS DIVISION

WORK ORDER

Well to be plugged and filled as follows:

Well #8078
HAR-839-DD
47-033

TD	3210
Gel	3210 - 2800
Cement	2800 - 2700
Gel	2700 - 2500
Cement	2500 - 2400
Gel	2400 - 2300
Cement	2300 - 2200
Gel	2200 - 250
Cut & remove 5-1/2" casing @ 250'	
Perf. 7" casing 200 - 250 & squeeze cement to surface.	
Cement	250 - Surface


To the Department of Mines
Coal Owner or Operator,
Lease or Property Owner.

IF PARTIAL PLUGGING
PLEASE SUBMIT REVISED WELL RECORD
WHEN WORK IS COMPLETED.

Gentlemen:

This "work order" is submitted for your approval and concurrence and unless notified of your disapproval or non-concurrence, the undersigned will proceed with the plugging and filling of said well in the above described manner on the date inspector is notified after permit is issued.

Very truly yours,



No objections have been filed by the coal owner or coal operator, or any available adjacent lease or property owners or interposed by the Department of Mines to the manner herein described for the plugging and filling of the well above mentioned. Therefore, the same is hereby approved this

10th day of December, 19-74

DEPARTMENT OF MINES
Oil and Gas Division

By:



NOTE: This "work order" shall be filed in triplicate, one copy for the files of the Department of Mines; one to be approved or corrected and returned to the well operator as his authority for plugging said well; and one for the well inspector.

4703300839W

OG-11

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

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DEC 3 1974
OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. Har-839-DD

Oil or Gas Well
(KIND)

Company <u>Consolidated Gas Supply Corp</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>Clarksburg, W.Va.</u>	Size			
Farm <u>C. L. Andrews</u>	16			Kind of Packer
Well No. <u>8028</u>	13			
District <u>Union</u> County <u>Harrison</u>	10			Size of
Drilling commenced <u>11/13/74</u>	8 1/4			
Drilling completed _____ Total depth _____	6 3/4			Depth set
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom
Volume _____ Cu. Ft.	Liners Used			Perf. top
Rock pressure _____ lbs. _____ hrs.				Perf. bottom
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names FREEMAN SCITIS

Remarks: Big Sands Drilling Co. - Contractor

Fishing Tubing at 2530'

11/26/74
DATE

Paul W. Garrett
DISTRICT INSPECTOR

0470712023

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NOV 25 1974

OIL & GAS DIVISION
DEPT. OF MINES

OG-11

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

INSPECTOR'S WELL REPORT

Permit No. Har-839-00

Oil or Gas Well _____
(KIND)

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<u>Consolidated Gas Supply Corp</u>	Size			
<u>Clarksburg, W. Va.</u>	16			Kind of Packer
<u>C.L. Andrews</u>	13			
<u>8028</u>	10			Size of
<u>Union</u> County <u>Harrison</u>	8 1/4			
<u>11/13/74</u>	6 1/2			Depth set
	5 3/16			
	3			Perf. top
	2			Perf. bottom
	Liners Used			Perf. top
				Perf. bottom
	CASING CEMENTED	SIZE	No. FT.	Date
	NAME OF SERVICE COMPANY			
	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

Remarks: Big Sands Drilling Co. - Contractor
Fishing Tubing at 24 90'

11/22/74
DATE

Paul H. Garrett
DISTRICT WELL INSPECTOR
04/07/2023

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NOV 20 1974

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

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. Hav-838-0D

Oil or Gas Well _____
(KIND)

Company <u>Consolidated Gas Supply Corp</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>Clarksburg, W. Va.</u>	Size			
Farm <u>C. L. Andrews</u>	16			Kind of Packer
Well No. <u>8078</u>	13			
District <u>Union</u> County <u>Harrison</u>	10			Size of
Drilling commenced <u>11/13/74</u>	8 1/4			
Drilling completed _____ Total depth _____	6 3/4			Depth set
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom
Volume _____ Cu. Ft.	Liners Used			Perf. top
Rock pressure _____ lbs. _____ hrs.				Perf. bottom
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names Freeman Scitos

Remarks: Big Sands Drilling Co - Contractor

Fishing Tubing at 2646'

11/18/74
DATE

Paul H. Garrett
DISTRICT WELL INSPECTOR

04/07/2023

4703300839W

OG-11

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

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NOV 18 1974

INSPECTOR'S WELL REPORT OIL & GAS DIVISION
DEPT. OF MINES

Permit No. Hor-839-DD

Oil or Gas Well _____
(KIND)

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<u>Consolidated Gas Supply Corp.</u>	Size			
Address <u>Clarksburg, W. Va.</u>	16			Kind of Packer _____
Farm <u>C. L. Andrews</u>	13			
Well No. <u>8098</u>	10			Size of _____
District <u>Union</u> County <u>Harrison</u>	8 1/4			
Drilling commenced <u>11/13/74</u>	6 3/4			Depth set _____
Drilling completed _____ Total depth _____	5 3/16			
Date shot _____ Depth of shot _____	3			Perf. top _____
Initial open flow _____ /10ths Water in _____ Inch	2			Perf. bottom _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	Liners Used _____			Perf. top _____
Volume _____ Cu. Ft.				Perf. bottom _____
Rock pressure _____ lbs. _____ ps.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY _____			
Fresh water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names Freeman Scites

Remarks: Big Sands Drilling Co. - Contractor

Fishing 2 3/8" Tubing at 1688'

11/14/74
DATE

Paul W. Garrett
DISTRICT WELL INSPECTOR

04/07/2023

4703300839

OG-1
Rev. - 71



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

JUN 21 1974

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

DATE June 20, 1974

Surface Owner Eva Smith
Address Lost Creek, W. Va.
Mineral Owner Same
Address _____
Coal Owner None
Address _____
Coal Operator None
Address _____

Company Consolidated Gas Supply Corporation
Address Clarksburg, W. Va.
Farm A. W. Smith Acres 5 1/2
Location (waters) Lost Creek
Well No. 5081 Elevation 1135'
District Grant County Harrison
Quadrangle WESTON

RECEIVED
Office of Oil and Gas

FEB 10 2023

WV Department of
Environmental Protection

Chapter 20
the location is hereby approved
for reconditioning. This permit shall expire if
operations have not commenced by 10-21-74

Robert J. Baine
Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Paul Jarrett
Clarksburg, W. Va. PH: 622-3871

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated 12-3-03 1900 by A. W. Smith made to Tri-State Gas Co. and recorded on the 14th day of March 1904 in Harrison County, Book 139 Page 454.
NEW WELL DRILL DEEPER REDRILL RECONDITION
OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. *

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

Very truly yours,
(Sign Name) Robert J. Baine Manager of Prod.,
Well Operator

PLEASE RETURN COPIES OF ALL
CHANGES TO: DIRECTLY TO:

West Virginia Geological and Economic Survey
P. O. Box 879
Martinsburg, W. Va. 26505
W. 304-296-4461

Address
of
Well Operator

Consolidated Gas Supply Corporation
Street
144 West Main Street
City or Town
Clarksburg, W. Va.
State

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

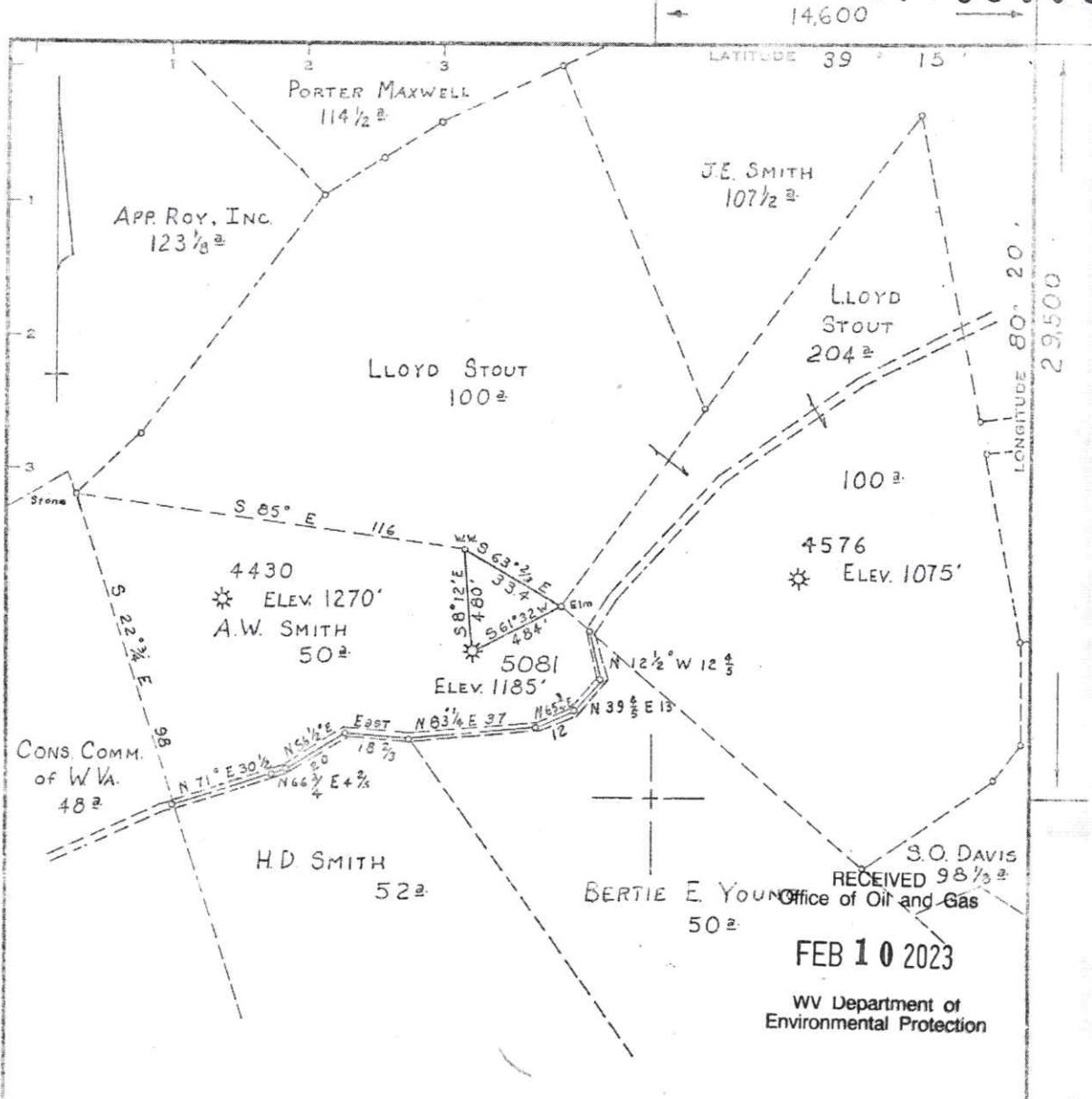
BLANKET BOARD

829-Rec PERMIT NUMBER

04/07/2023

47 033

4703300839W



Minimum Error of Closure 1" in 200"
 Source of Elevation Road Fork at RIGHTER

"I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

- RECONDITION
 New Location
 Drill Deeper
 Abandonment

MAP SHEET 56, S 20 E 12, FB 536, Pg. 2-3

Company CONSOLIDATED GAS SUPPLY CORP.
 Address CLARKSBURG, WEST VIRGINIA
 Farm A.W. SMITH
 Tract _____ Acres 54[±] Lease No. 21477
 Well (Farm) No. _____ Serial No. 5081
 Elevation (Spirit Level) 1185'
 Quadrangle WESTON
 County HARRISON District GRANT
 Engineer Jackson M. Goris
 Engineer's Registration No. 2397
 File No. _____ Drawing No. _____
 Date 6-12-74 Scale 1" = 40 P

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

WELL LOCATION MAP

FILE NO. _____

+ Denotes location of well on United States Topographic Maps, scale 1" = 62,500'. Intrusions and longitude lines being represented by broken lines as shown.

— Denotes one inch spaces on original tracing

FEB 10 2023
 WV Department of Environmental Protection

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 Office of Oil and Gas
10 2023
 Department of Environmental Protection

04/07/2023

473 50-487

CONSOLIDATED GAS SUPPLY CORPORATION

4703300839W

DEFECTIVE WELL REPORT

DATE 04-01-73 MAP 55 20 E 12 TOWN, TAP, DISTRICT Grant COUNTY Harrison WELL NO. 5081(0-210) NAME A.V. Smith WORKING DISTRICT Kennedy

1 ORIG. OPEN FLOW 14/10 4 1/2" 5th SAND 4th & 5th TEST FOR THIS REPORT: DATE SAND 2 ORIG. ROCK PRES. 70 lb. DATE 1967 OPEN FLOW ROCK PRES. 3 ORIG. BARRELS Daily Mo. DATE BARRELS Daily Mo. DATE SANDS SANDS

PRESENT CASING RECORD

Table with 8 columns: SIZE, WT., GR., AMT. RUN, SHOE OR PACKER, SET AT, CEMENTED WITH, DATE RUN, CONDITION OF CASING. Rows include sizes 7, 2, 3 1/2 with corresponding run amounts and casing conditions.

HISTORY OF WELL Original Depth: 2150 Present Depth: 2150 Well Producing Gas 4th & 5th Sand at depths of 2235-2410-17 Oil Produced by TOP 4TH 2330 Condition of Rig GANTZ 1991

What should be done with well in my opinion: Pull 3 1/2" Tubing & 5" Csg. Run appropriate logs and complete for Lost Creek Storage.

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Date May-9-1973 I would recommend Same as above E.E. Byrum District Superintendent

Date 5/8/73 I would recommend Same as above C.M. Kemper Division Superintendent

Date 5-10-73 Lease Restrictions Lease No. 21477, 54 acres, OTHER ACTIVE WELL ON LEASE IS 4430. ABANDONMENT WILL NOT TERMINATE LEASE. THERE ARE NO RESTRICTIONS CONCERNING ABANDONMENT OF WELL. ROYALTY PAID TO 8-6-73 AT \$75.00 QUAR. FREE GAS INCORPORATED IN LEASE, UNLIMITED, WITH NO CONSUMER CONNECTED.

Date 5-16-73 I would recommend rework well to protect storage sand and retain as 4th & 5th sand producer 79 Kuhn Chief Geologist

Date 6-3-74 I would recommend Production well as suggested by Keel R.D. Apparis Manager of Storage

Repair as follows: Rework as suggested by Jimmy W. Keel. Pull 3 1/2" 53ft. 5th Csg. Repair or Replace 10' Csg and Cement 10' to surface (C to below 5th sand approx 2500') LOE. SET 4 1/2" Csg above 4th sand and complete as 4th & 5th sand over single completion by Date June 74 CEMENTING TO SURFACE. R.D. Apparis Manager of Production

Date 6/7/74 I would recommend per recommendation of Manager of Production J.P. Sandstrom Vice President, Operations 04/07/2023



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

4703300839W

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JUL 18 1974

OIL & GAS DIVISION
DEPT. OF MINES

Quadrangle WESTON

Permit No. - - 839

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

Company Consolidated Gas Supply Corporation
Address Clarksburg, W. Va.
Farm G. L. Andrews Acres 1,000
Location (waters) Sycamore Creek
Well No. 8078 Elev. 1249'
District Union County Harrison
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling Commenced 3-21-18
Drilling Completed 10-9-18
Initial open flow Exhausted cu. ft. _____ bbls.
Final production _____ cu. ft. per day _____ bbls.
Well open _____ hrs. before test _____ RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size			
20-16			
Cond.			
13-10"	195	195	
9 5/8			
8 5/8			
7	1569	1569	
5 1/2	2210	2210	
4 1/2			
3			
2			
Liners Used			

Well treatment details:

Will deepen to Balltown

Attach copy of cementing record.

Coal was encountered at 108 Feet 1 1/8" Inches
Fresh water None Feet _____ Salt Water None Feet _____
Producing Sand Speechley exhausted Will deepen _____ Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks
Coal			108	112		
Dunkard Sand			495	720		
Salt Sand			840	1060		No water recorded
Big Lime			1520	1569		
INJUN			1569	1692		
Gantz Sand			1967	2022		
50' Sand			2060	2082		
30' Sand			2100	2120		
Gordon Sand			2220	2303		
5th Sand			2462	2474	Gas	2469'
Speechley			3168	3175	Gas	3170'
Total Depth				3210'		
Will deepen to Balltown						
					Consolidated Gas Supply Corporation 445 West Main Street Clarksburg, W. Va.	

(over)

* Indicates Electric Log tops in the remarks section.

04/07/2023

WW-2A
(Rev. 6-14)

1.) Date: 11/18/22
2.) Operator's Well Number CW-240
State County Permit
3.) API Well No.: 47- 033 - 00839

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 Mike Ross. Inc
Address PO Box 219
Coalton, WV 26257
(b) Name _____
Address _____
(c) Name _____
Address _____
6) Inspector Kenneth Greynolds
Address 613 Broad Run Road
Jane Lew, WV 26378
Telephone _____
5) (a) Coal Operator
Name _____
Address _____
(b) Coal Owner(s) with Declaration
Name Mike Ross. Inc
Address PO Box 219
Coalton, WV 26257
Name _____
Address _____
(c) Coal Lessee with Declaration
Name _____
Address _____

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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.love@bheqts.com

[Handwritten Signature]

Subscribed and sworn before me this 30th day of November, 2022

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

04/07/2023

WW-2A Surface Waiver
(4/16)

SURFACE OWNER WAIVER

County 033

Operator Eastern Gas Transmission and Storage, Inc

Operator well number CW-240

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.

Mike Ross Date 11-22-22 Company Name Mike Ross, Inc.
Signature By

MIKE ROSS
Print Name

Mike Ross Date
Signature Date

11-22-22

COAL OPERATOR, OWNER, OR LESSEE WAIVER

County Harrison

Operator Eastern Gas Transmission and Storage, Inc.

Operator's Well Number CW-240

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

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WV Department of
Environmental Protection

2023

Department of
Environmental Protection

WAIVER

The undersigned coal operator X / 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

Mike Ross, Inc

C.O.B. Date

Mike Ross
Signature Date

11-22-22

**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
Carl V. Smith Jr., et al See Attached WW-2A1 – Exhibit A - Merger	Consolidated Gas Transmission Corporation	1/8	1186/64

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**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:
By: Its:

John M. Love

Eastern Gas Transmission and Storage, Inc.

Director of Storage

04/07/2023

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.

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WW-9
(5/16)

API Number 47 - 033 - 00839
Operator's Well No. CW-240

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) Duck Creek Quadrangle West Milford

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: 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

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

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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 30th day of November, 2022

Melissa D. Mars Notary Public

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 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.

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Plan Approved by: Kenneth L. Byrnes

Comments: EXPLAIN SEED & MULCH ASAP

Title: OIL & GAS INSPECTOR Date: 11-29-22

Field Reviewed? () Yes () No

4703300839W

47-033-00839-00-00 X
553192E, 4335604N, UTM17 NAD83

033-00831

033-00839

033-00882

033-00829

WW-2B1
(5-12)

Well No. CW-240

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 Alliance Consulting, Inc.
Sampling Contractor N/A

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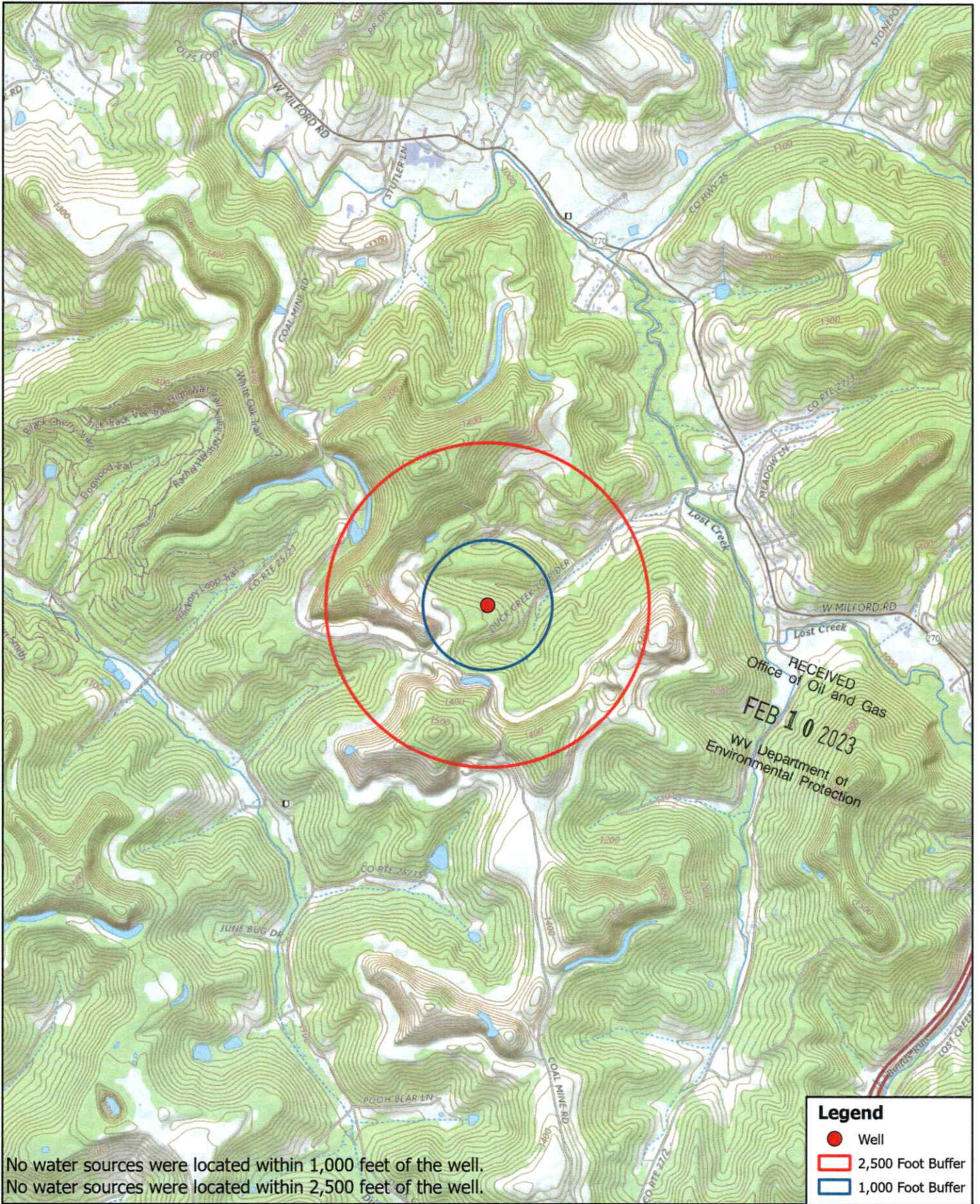
Well Operator Eastern Gas Transmission and Storage, Inc.
Address 925 White Oaks Blvd.
Bridgeport, WV 26330
Telephone 681-842-3311

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 potential Water Purveyors located within 2500' of well head.

**** See attached Exhibit B - Map illustrating no potential water purveyors.***

04/07/2023



No water sources were located within 1,000 feet of the well.
 No water sources were located within 2,500 feet of the well.

Legend

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



EXHIBIT B
 BHE REWORK - WELL 1661
 WATER PURVEYOR MAP
 HARRISON COUNTY, WV

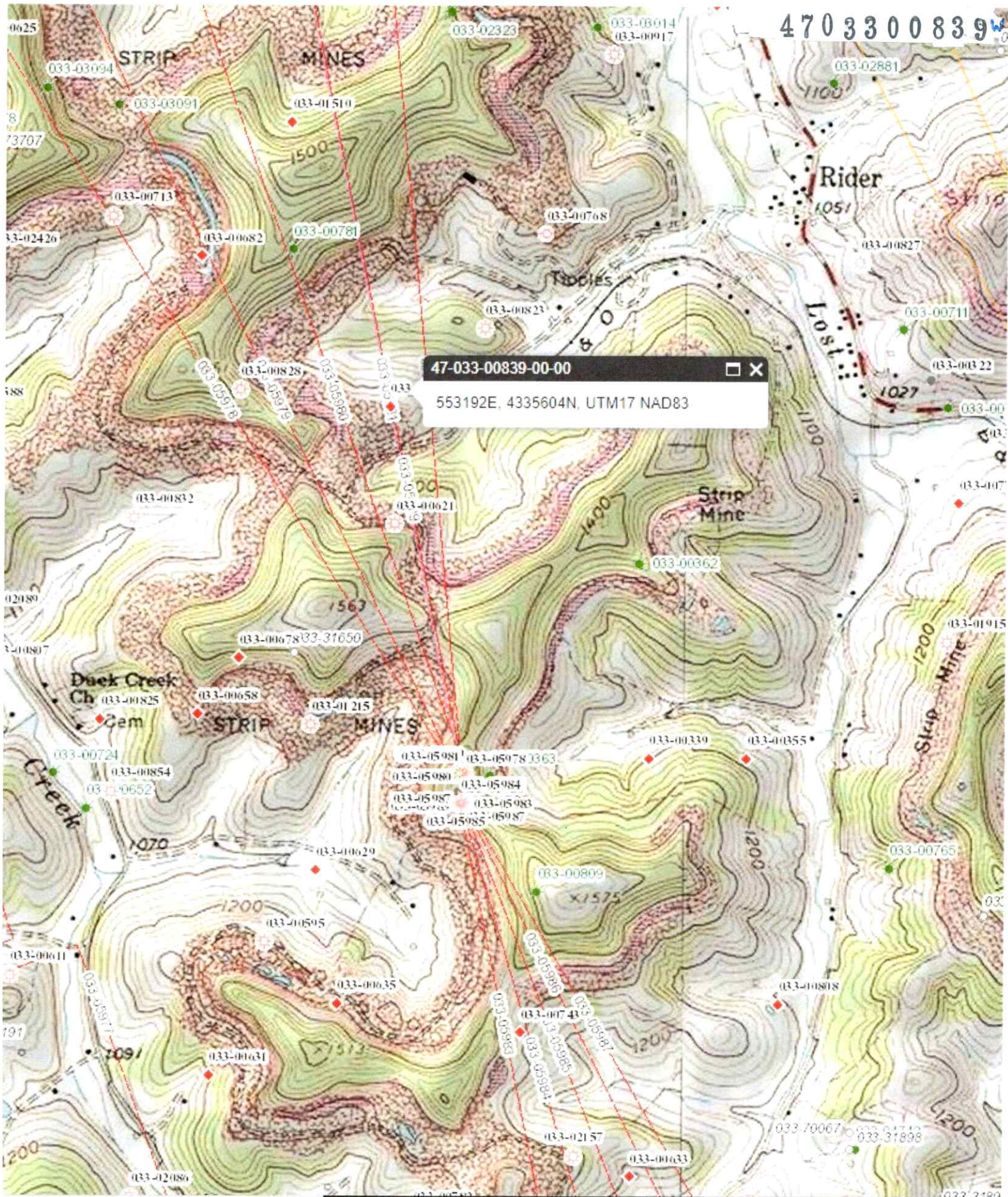
DATE: 11/18/2022	DRAWN BY: MVW
PROJECT #: 3122	APPROVED BY: AW
1700 ANMOORE ROAD BRIDGEPORT, WV 26330 WWW.ASCENTCONSULTINGENGINEERS.COM	

N

SCALE: 1:24,000

04/07/2023

4703300839



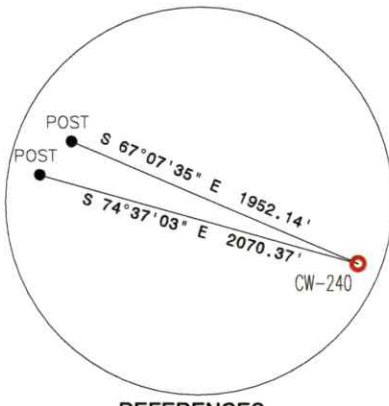
04/07/2023



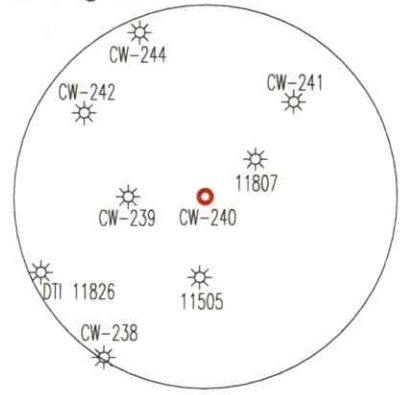
SURVEYOR/ENGINEER: 1-304-933-3463
1700 ANMOORE ROAD
BRIDGEPORT, WV 26330

SURFACE HOLE LOCATION (SHL):

GEOGRAPHIC (NAD83):
LATITUDE: 39.1680272°
LONGITUDE: -80.3842571°
UTM (NAD83, ZONE 17, FEET):
NORTHING: 14,224,392.627
EASTING: 1,814,931.188
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,335,603.544
EASTING: 553,192.132



REFERENCES NTS



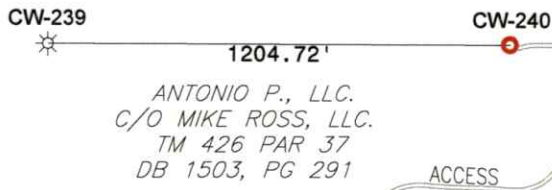
EXISTING WELLS WITHIN 3000' SCALE: 1"=3000'

ANTONIO P., LLC.
C/O MIKE ROSS, LLC.
TM 425 PAR 16
DB 1503, PG 291

ANTONIO P., LLC.
C/O MIKE ROSS, LLC.
TM 426 PAR 13
DB 1503, PG 291



ANTONIO P., LLC.
C/O MIKE ROSS, LLC.
TM 425 PAR 17
DB 1503, PG 291



ANTONIO P., LLC.
C/O MIKE ROSS, LLC.
TM 426 PAR 37
DB 1503, PG 291

ANTONIO P., LLC.
C/O MIKE ROSS, LLC.
TM 426 PAR 39
DB 1503, PG 291

ANTONIO P., LLC.
C/O MIKE ROSS, LLC.
TM 426 PAR 38
DB 1503, PG 291

WELL RESTRICTIONS

1. THERE ARE NO DWELLINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
2. THERE ARE NO AGRICULTURE BUILDINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
3. THERE ARE NO WATER WELLS OR DEVELOPED SPRINGS ARE WITHIN 250 FEET OF PROPOSED WELL.
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 WELL PAD, LIMITS OF DISTURBANCE, E & S CONTROLS OR PUBLIC WATER SUPPLY.

NOTES ON SURVEY

1. TIES TO WELLS AND CORNERS ARE BASED ON STATE PLANE WV NORTH ZONE NAD '83.
2. WELL LAT./LONG ESTABLISHED BY DIRECT GPS NAD '83.
3. BOUNDARIES SHOWN ARE TAKEN FROM TAX MAPS, DEEDS, AND FIELD SURVEY. THIS DRAWING IS NOT REPRESENTATIVE OF A FULL BOUNDARY SURVEY.
4. SURFACE OWNER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF HARRISON COUNTY IN OCTOBER OF 2022.
5. WELLS SHOWN ARE TAKEN FROM RECORDS OF WVDEP.

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. 983



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Office of Oil and Gas SHL

FEB 10 2023

WV Department of
Environmental Protection

500' 0 500'

GRAPHIC SCALE IN FEET

Eastern Gas Transmission
and Storage, Inc.



(+) 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 #: CW-240 (5081) w
API WELL #: 47 033 00839w
STATE COUNTY PERMIT

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

WATERSHED: WEST FORK ELEVATION: 1193.37'

DISTRICT: GRANT-OUTSIDE DISTRICT COUNTY: HARRISON QUADRANGLE: WEST MILFORD, WV

SURFACE OWNER: ANTONIO P., LLC. C/O MIKE ROSS, LLC. ACREAGE: 54 ±

OIL & GAS ROYALTY OWNER: Carl V. Smith, Jr. et al ACREAGE: 54 ±

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

CONVERT PLUG & ABANDON CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY) RECASE

TARGET FORMATION: GANTZ ESTIMATED DEPTH: 2247'

04/07/2023

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

LEGEND:	PROPOSED SURFACE HOLE / BOTTOM HOLE	SURVEYED BOUNDARY	REVISIONS:	DATE: 10/27/2022
	EXISTING / PRODUCING WELLHEAD	DRILLING UNIT		FILE NO:
LPL*	LANDING POINT LOCATION	LEASE BOUNDARY		DRAWN BY: TMF
EXISTING WATER WELL	PROPOSED PATH			SCALE: 1" = 600'
EXISTING SPRING				DRAWING NO: 3122
				WELL LOCATION PLAT

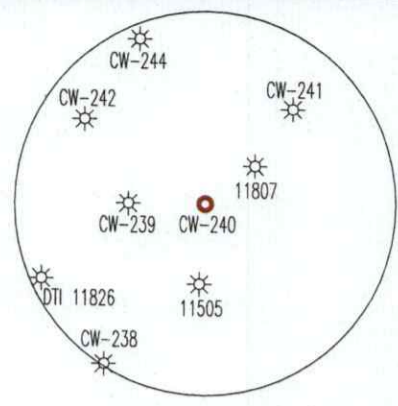
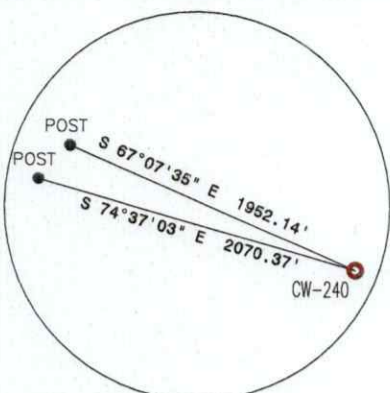
LONGITUDE 80° 22' 30" SURFACE HOLE 14,681'



SURVEYOR/ENGINEER: 1-304-933-3463
1700 ANMOORE ROAD
BRIDGEPORT, WV 26330

SURFACE HOLE LOCATION (SHL):

GEOGRAPHIC (NAD83):
LATITUDE: 39.1680272'
LONGITUDE: -80.3842571'
UTM (NAD83, ZONE 17, FEET):
NORTHING: 14,224,392.627
EASTING: 1,814,931.188
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,335,603.544
EASTING: 553,192.132



REFERENCES
NTS

EXISTING WELLS
WITHIN 3000'
SCALE: 1"=3000'

ANTONIO P., LLC.
C/O MIKE ROSS, LLC.
TM 425 PAR 16
DB 1503, PG 291

ANTONIO P., LLC.
C/O MIKE ROSS, LLC.
TM 426 PAR 13
DB 1503, PG 291

ANTONIO P., LLC.
C/O MIKE ROSS, LLC.
TM 425 PAR 17
DB 1503, PG 291

ANTONIO P., LLC.
C/O MIKE ROSS, LLC.
TM 426 PAR 37
DB 1503, PG 291

ANTONIO P., LLC.
C/O MIKE ROSS, LLC.
TM 426 PAR 39
DB 1503, PG 291

ANTONIO P., LLC.
C/O MIKE ROSS, LLC.
TM 426 PAR 38
DB 1503, PG 291



WELL RESTRICTIONS

1. THERE ARE NO DWELLINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
2. THERE ARE NO AGRICULTURE BUILDINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
3. THERE ARE NO WATER WELLS OR DEVELOPED SPRINGS ARE WITHIN 250 FEET OF PROPOSED WELL.
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 WELL PAD, LIMITS OF DISTURBANCE, E & S CONTROLS OR PUBLIC WATER SUPPLY.

NOTES ON SURVEY

1. TIES TO WELLS AND CORNERS ARE BASED ON STATE PLANE WV NORTH ZONE NAD '83.
2. WELL LAT./LONG ESTABLISHED BY DIRECT GPS NAD '83.
3. BOUNDARIES SHOWN ARE TAKEN FROM TAX MAPS, DEEDS, AND FIELD SURVEY. THIS DRAWING IS NOT REPRESENTATIVE OF A FULL BOUNDARY SURVEY.
4. SURFACE OWNER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF HARRISON COUNTY IN OCTOBER OF 2022.
5. WELLS SHOWN ARE TAKEN FROM RECORDS OF WVDEP.

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. 983 *Michael R. Hyman*



Eastern Gas Transmission and Storage, Inc.



(+) 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 #: **CW-240 (5081)**
API WELL #: **47 033 00839** W
STATE COUNTY PERMIT

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

WATERSHED: WEST FORK FLEVAION: 1193.37'

DISTRICT: GRANT-OUTSIDE DISTRICT COUNTY: HARRISON QUADRANGLE: WEST MILFORD, WV

SURFACE OWNER: ANTONIO P., LLC. C/O MIKE ROSS, LLC. ACREAGE: 54 ±

OIL & GAS ROYALTY OWNER: Carl V. Smith, Jr. et al ACREAGE: 54 ±

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

CONVERT PLUG & ABANDON CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY) RECASE **04/07/2023**

TARGET FORMATION: GANTZ ESTIMATED DEPTH: 2247'

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

LEGEND:

	PROPOSED SURFACE HOLE / BOTTOM HOLE		SURVEYED BOUNDARY
	EXISTING / PRODUCING WELLHEAD		LEASE BOUNDARY
	LANDING POINT LOCATION		PROPOSED PATH
	EXISTING WATER WELL		
	EXISTING SPRING		

REVISIONS:	DATE: 10/27/2022
	FILE NO:
	DRAWN BY: TMF
	SCALE: 1" = 600'
	DRAWING NO: 3122
	WELL LOCATION PLAT

LONGITUDE 80° 22' 30" SURFACE HOLE 14,681'

4703300839W

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 CW-240, API 47-033-00839. 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

RECEIVED
Office of Oil and Gas

FEB 10 2023

WV Department of
Environmental Protection

04/07/2023



Kennedy, James P <james.p.kennedy@wv.gov>

Rework permit issued 4703300839

1 message

Kennedy, James P <james.p.kennedy@wv.gov>


Thu, Apr 6, 2023 at 1:58 PM

To: john.love@bheqts.com, Kenneth L Greynolds <kenneth.l.greynolds@wv.gov>, rromano2@harrisoncountywv.com

To whom it may concern, a well work permit has been issued for 4703300839.

James Kennedy

WVDEP OOG

 **4703300839.pdf**
6905K

04/07/2023