



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

Monday, April 13, 2026
WELL WORK PLUGGING PERMIT
Vertical Plugging

COLUMBIA GAS TRANSMISSION, LLC
1700 MACCORKLE AVENUE SE

CHARLESTON, WV 25314

Re: Permit approval for 4591
47-051-00398-00-00

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.

Upon completion of the plugging well work, the above named operator will reclaim the site according to the provisions of WV Code 22-6-30. Please be advised that form WR-38, Affidavit of Plugging and Filling Well, 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.

H. Jason Harmon
Acting Chief

Operator's Well Number: 4591
Farm Name: CLOUSTON, JAMES
U.S. WELL NUMBER: 47-051-00398-00-00
Vertical Plugging
Date Issued: 4/13/2026

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. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
2. 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.
3. Well work activities shall not constitute a hazard to the safety of persons.
4. 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.

1) Date February 19, 2026
2) Operator's
Well No. Victory B 4591
3) API Well No. 47-051 - 00398-00-00

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

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

4) Well Type: Oil ___/ Gas X/ Liquid injection ___/ Waste disposal ___/
(If "Gas, Production ___ or Underground storage X) Deep ___/ Shallow X

5) Location: Elevation 1429' Watershed Fish Creek
District Liberty County Marshall Quadrangle Cameron

6) Well Operator Columbia Gas Transmission, LLC 7) Designated Agen Bret Criser
Address 1700 MacCorkle Avenue S.E., P.O. Box 1273 Address 1700 MacCorkle AVE
Charleston, WV 25325 Charleston WV 25325

8) Oil and Gas Inspector to be notified 9) Plugging Contractor
Name Strader Gower Name Next LVL Energy, LLC
Address 2525 West Alexander Road Address 736 W. Ingomar Road, Unit 268
Valley Grove, WV 26060 Ingomar, PA 15127

10) Work Order: The work order for the manner of plugging this well is as follows:

Refer to enclosed:

- 1) Well job plan.
- 2) Prior to P&A wellbore schematic.
- 3) Proposed P&A wellbore schematic.

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Notification must be given to the district oil and gas inspector 24 hours before permitted work can commence.

Work order approved by inspector Strader Gower Date 02/23/2026

04/17/2026

WELL JOB PLAN		STS Well Engineering & Technology		PAGE 3	DATE JOB PREPARED: 4/16/2024
Objective: Plug and Abandon Well				LAST PROFILE UPDATE:	
TITLE: Plug and Abandonment			WORK TYPE: WR		
FIELD: Victory B	WELL: 4591				
STAT: WV	SHL (Lat/Long):	0 0	API: 47-051-00398		
TWP: Liberty	BHL (Lat/Long):	0 0	CNTY: Marshall		

PROCEDURE

Because well is located in an area in which coal resources are extracted, this procedure incorporates performing casing cuts across Pittsburgh Coal, which is normally the preferred method of plugging for coal operator. If coal operator requests alternate method then procedure will require modifications.

***Note: Use Class A or Class L cement.**

- 1 Obtain EM&CP, pipeline crossing evaluation, call before you dig, etc. Prepare site specific SPCC.
- 2 Notify landowner.
- 3 Obtain General Work Permit and Wellsite Review & Turnover Form from Operations.
- 4 Notify Reservoir Engineering & Geosciences (REG) of intent to take well out of service.
- 5 Notify environmental inspector prior to beginning work.
- 6 If required, notify State/Federal regulatory agencies prior to beginning work.
- 7 ~~Disconnect well line.~~
- 8 Install ECD's per EM&CP. Prepare access road and well site.
- 9 Service all wellhead valves.
- 10 Document initial casing and annular pressures.
- 11 Flow well to assess flow potential.
- 12 Kill well.

*** Next step to be performed with NO WELL CONTROL BARRIERS - verify that well is static dead before proceeding. Perform task as quick as possible. Obtain waiver to proceed from TC Energy's WET Team Leader/Manager.**

- 13 Remove restricted wellhead components and install full bore 7" valve.
- 14 Obtain CBL from TD to surface - keep hole full of fluid.
* Results of CBL may require modifications to procedure. Consult with WET engineer.
- 15 MIRU service rig.
- 16 NU double ram (blind bottom + pipes top) and annular BOPs. Pressure test BOPs low/high 250/1000 psig.
- 17 RIH with steel tooth tricone air bit (open) and clean to hard TD.
- 18 Install balanced cement plug(s) from TD to 1800'. Pull work string above cement top and reverse circulate to clean tubulars. WOC minimum of 6 hrs and tag cement. If top of cement is deeper than 1945' install second cement plug. WOC 4 hrs, tag, and TOOH.
- 19 Install cast-iron DBP above cement plug.

*** The following procedure assumes cement top behind 7" is shallower than Pittsburgh Coal. If cement top is deeper than Pittsburgh Coal then procedure will require modifications - consult with WET engineer and coal operator.**

- 20 RIH and install balanced plug(s) from top of BP to 1200' (approx 140' below base of Pittsburgh Coal). TOOH.
- ** Verify depth of Pittsburgh Coal with TC Energy geologist and correlate to rig floor.**
- 21 Perform cuts in 1 foot increments starting from 1 foot below base of Pittsburgh Coal to 1 foot above top of Pittsburgh Coal using multi-string cutter.
- 22 RIH and install balanced cement plug(s) from top of last cement plug to depth of cement top behind 7" csg. TOOH.
- 23 ND BOPs, pull casing slips, and remove remainder of wellhead.
- 24 Cut/pull all 7" and 8-5/8" csgs that are free.
* Do no pull 10-3/4" csg - leave in well in the event future well intervention required.
- 25 RIH and install balanced cement plug(s) from top of last cement plug to surface.
- 26 Grout all uncemented annuli as deep as possible.
- 27 Install casing monument with API number affixed.
- 28 ~~Abandon well line.~~
- 29 Reclaim road and location.

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Strader Gower
02/23/2026

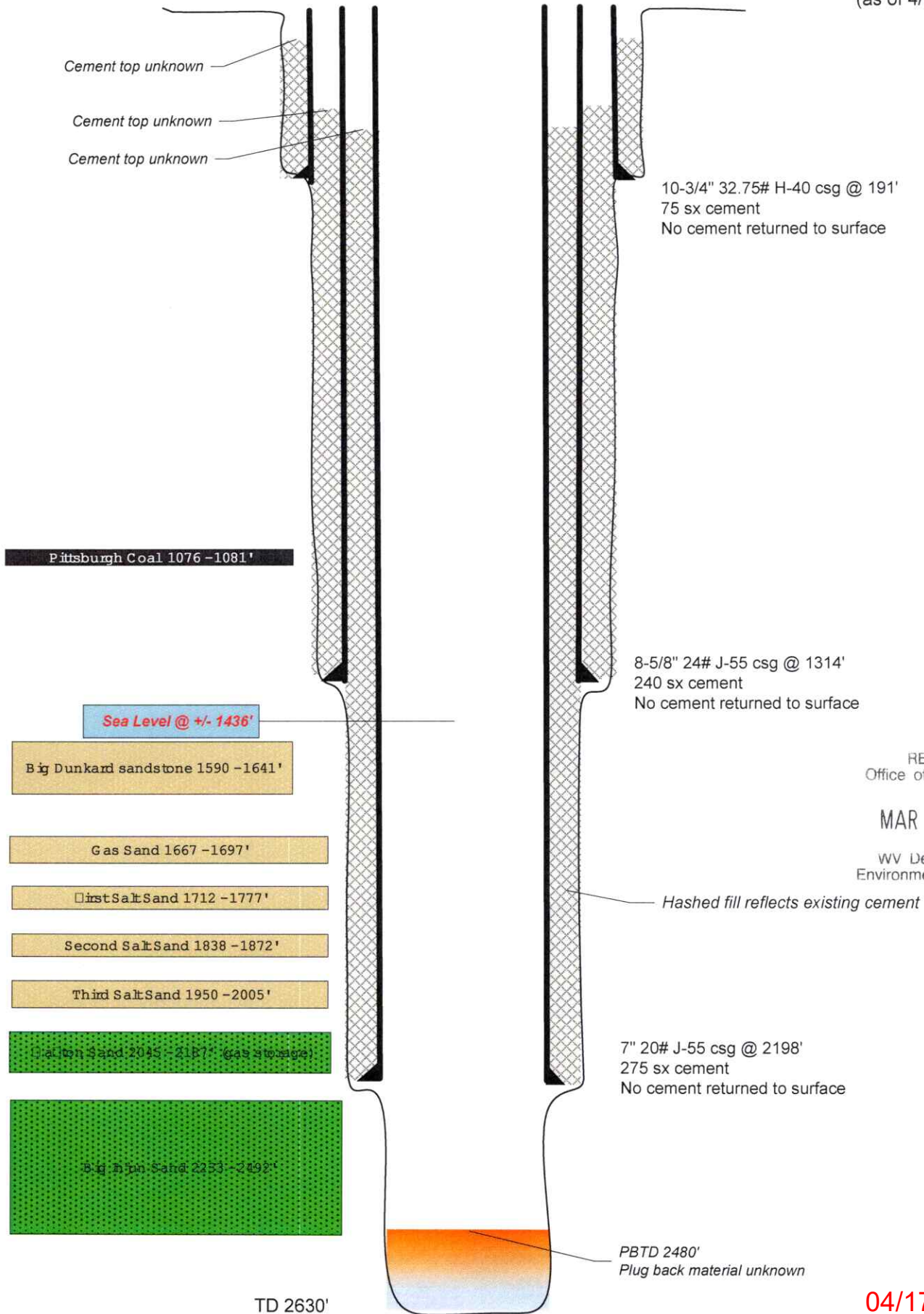
04/17/2026

~ not to scale ~

Factory B 4591

API47-051-00398

Prior to P/A
(as of 4/14/24)



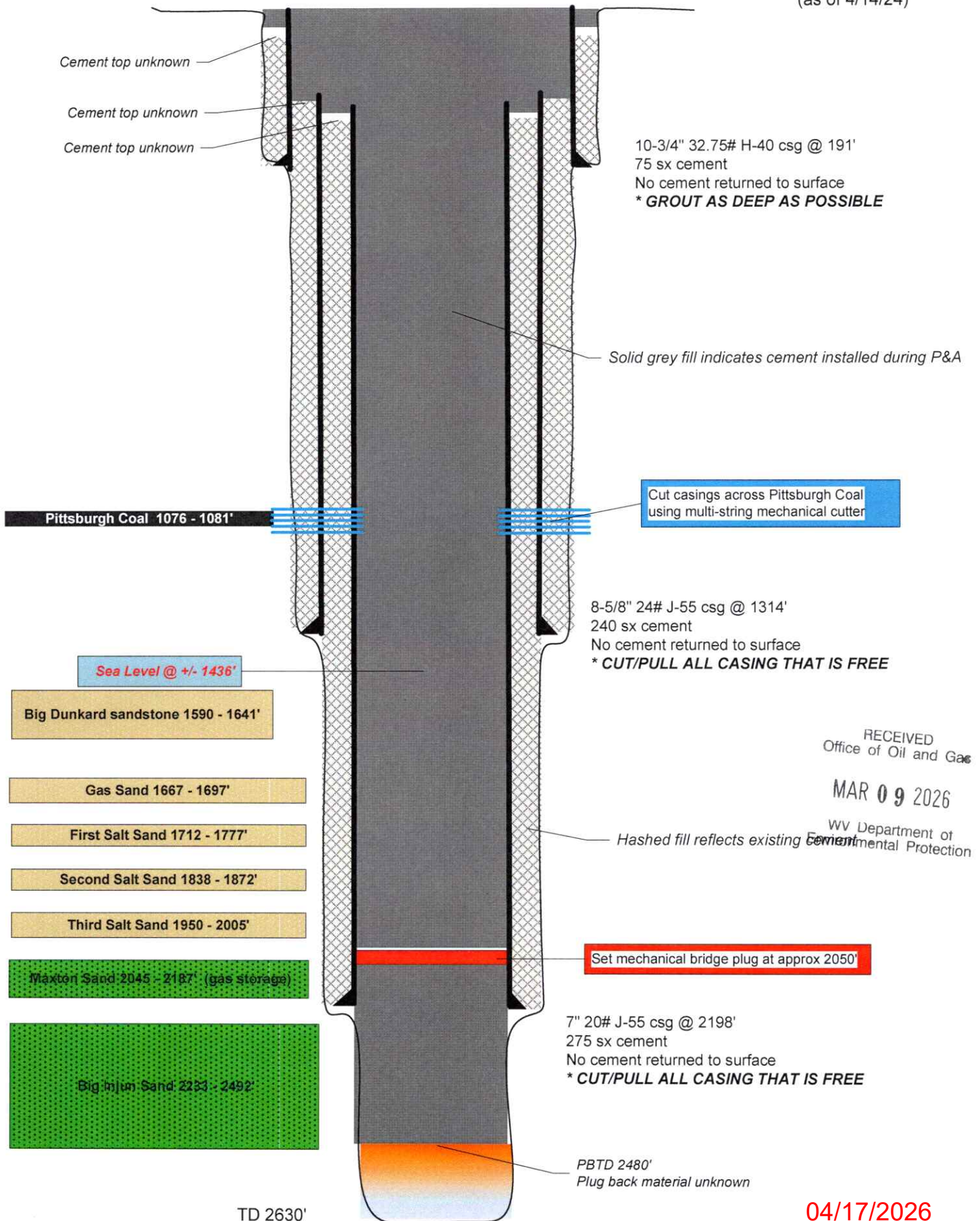
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TD 2630'

04/17/2026

~ not to scale ~

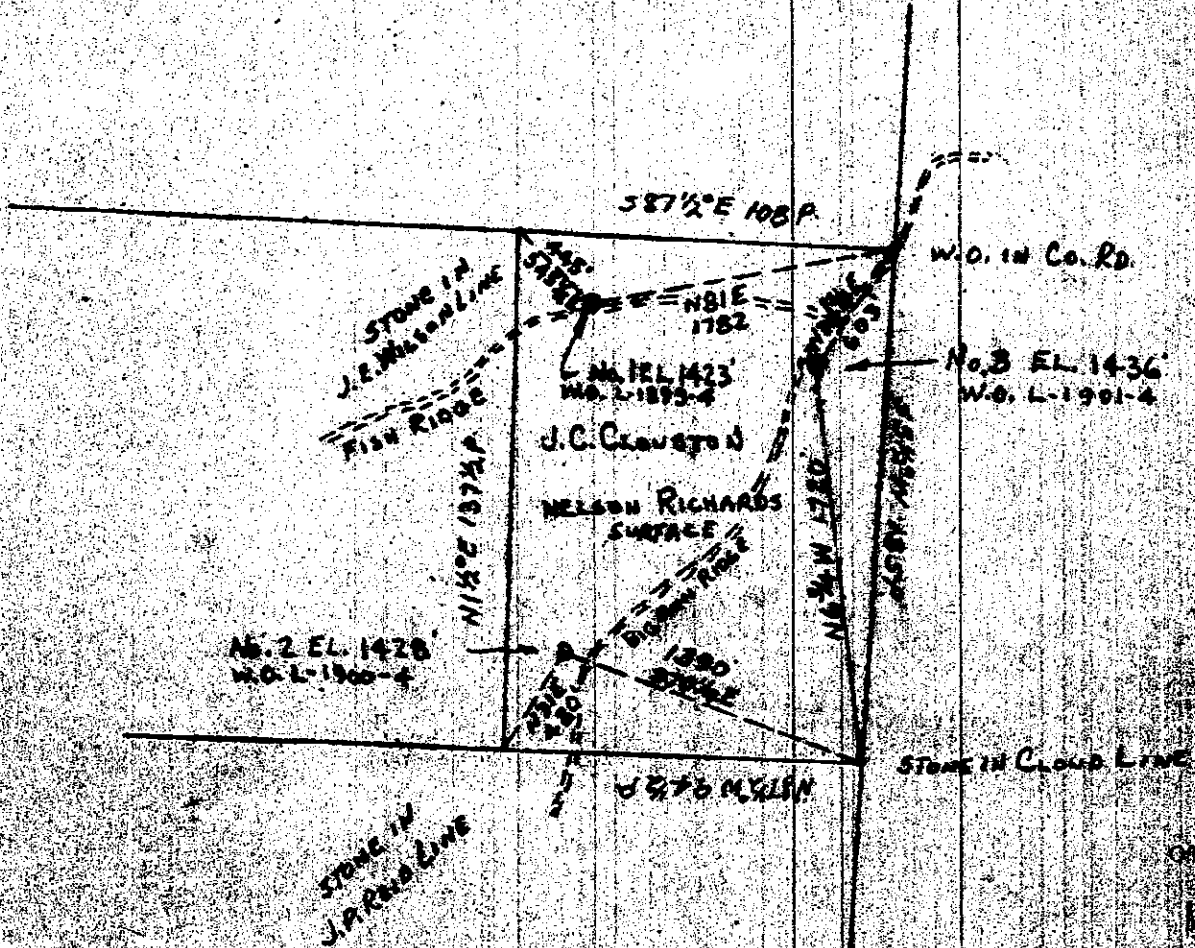
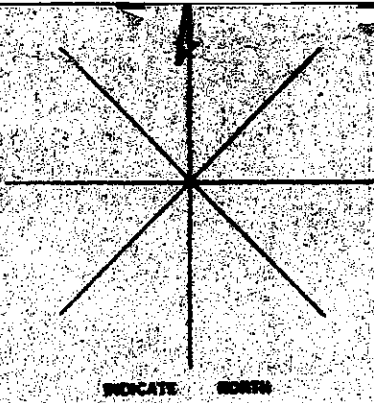
Victory B 4591
API 47-051-00398
Proposed P&A
(as of 4/14/24)



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TD 2630'

04/17/2026



DIV 4 FBK 12-D 44
JULY 22, 1960

WORK ORDERS ARE BEING SUBMITTED AND PERMITS WILL BE
REQUIRED ON THESE WELLS AS SOON AS POSSIBLE

SCALE 1" = 800'

JEN

RECEIVED
OFFICE OF THE SUPERVISOR
MAY 09 1960
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MAP NO.

04/17/2026



L-1901-2

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle GAMRON

Permit No. MARS-398-R

WELL RECORD

STORAGE
Oil or Gas Well ORE
(KIND)

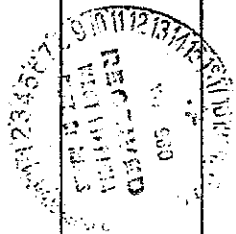
Company The Manufacturers Light and Heat Company
Address 800 Union Trust Building, Pittsburgh, Pa.
Farm James Clouston Acres 86
Location (waters) _____
Well No. L-4591 Elev. 1436'
District Liberty County Marshall
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced August 12, 1960
Drilling completed October 8, 1960
Date Shot 10/11/60 From 2198 To 2480
With _____
Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure 10 lbs. 48 hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water _____ feet _____ feet
Salt water _____ feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
18			
10 3/4"	191'	191'	Size of
8 5/8"	1314'	1314'	
7 7/8"	2198'	2198'	Depth set
5 8/16			
8			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT 1079 FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	THICKNESS	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Pittsburgh Coal		5	1079	1084			
Lower Maxton Sand		4	2186	2190			
Big Lime			2194				
Big Injun Sand				2494			
Set 7" Casing at Plug Back to				2198 2480			

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(Over)

04/17/2026

WORK ORDER SKETCH

DATE REQUESTED 7/9 19 60 BUDGET NO. 1051 WORK ORDER NO. L-1901-

COMPANY The Manufacturers Light & Heat Co. DEPT. Storage DIVISION Four

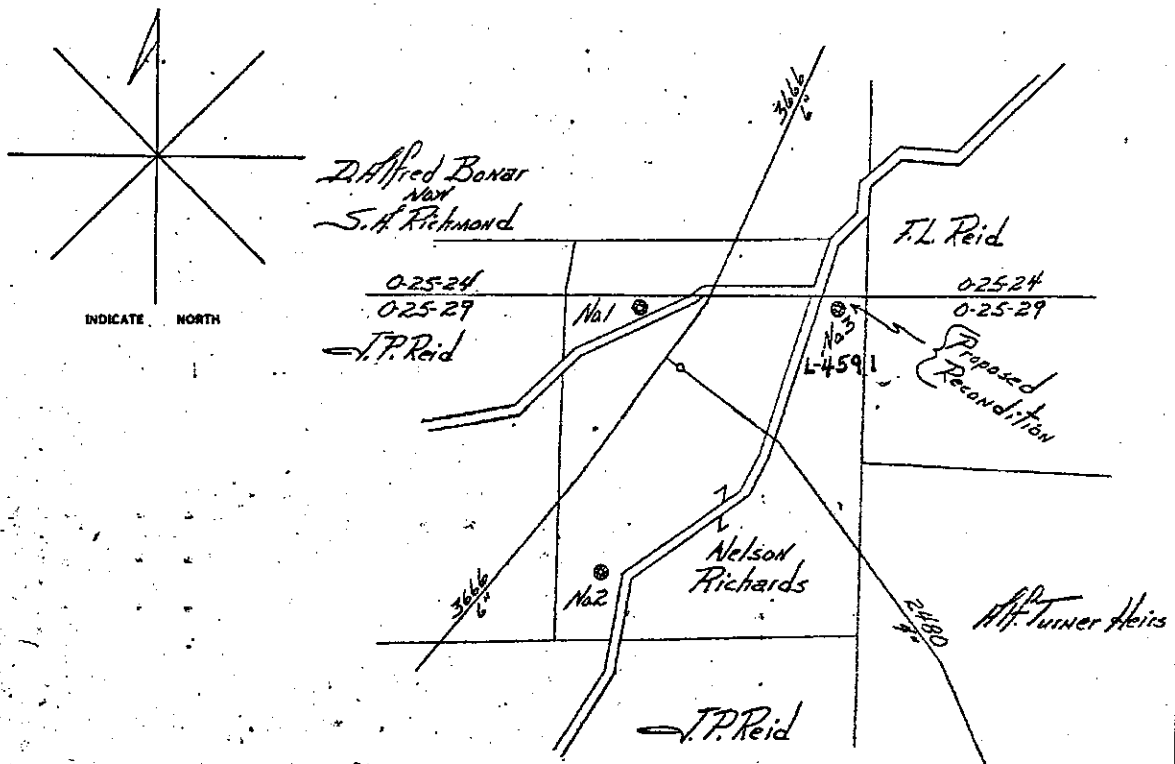
PROPOSED WORK Redrill Well No. 3 on the Nelson Richards Farm for Victory Storage

KNOWN AS W. Houston Well No. 3 LINE - REGULATOR Marshall STRUCTURE W. Va.

CITY, BOROUGH, VILLAGE _____ TAX DISTRICT 7104 TOWN, TOWNSHIP OR DISTRICT Liberty COUNTY _____ STATE _____

IN _____ TAX DISTRICT _____ TOWN, TOWNSHIP OR DISTRICT _____ COUNTY _____ STATE _____

IN _____ TAX DISTRICT _____ TOWN, TOWNSHIP OR DISTRICT _____ COUNTY _____ STATE _____



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Sketch prepared & filed
to Civil Engr. by T. E. Virgin
Division Engr.

SCALE 1"=800'

MAP NO. 0-25-29

04/17/2026

ROBERT E. LEE

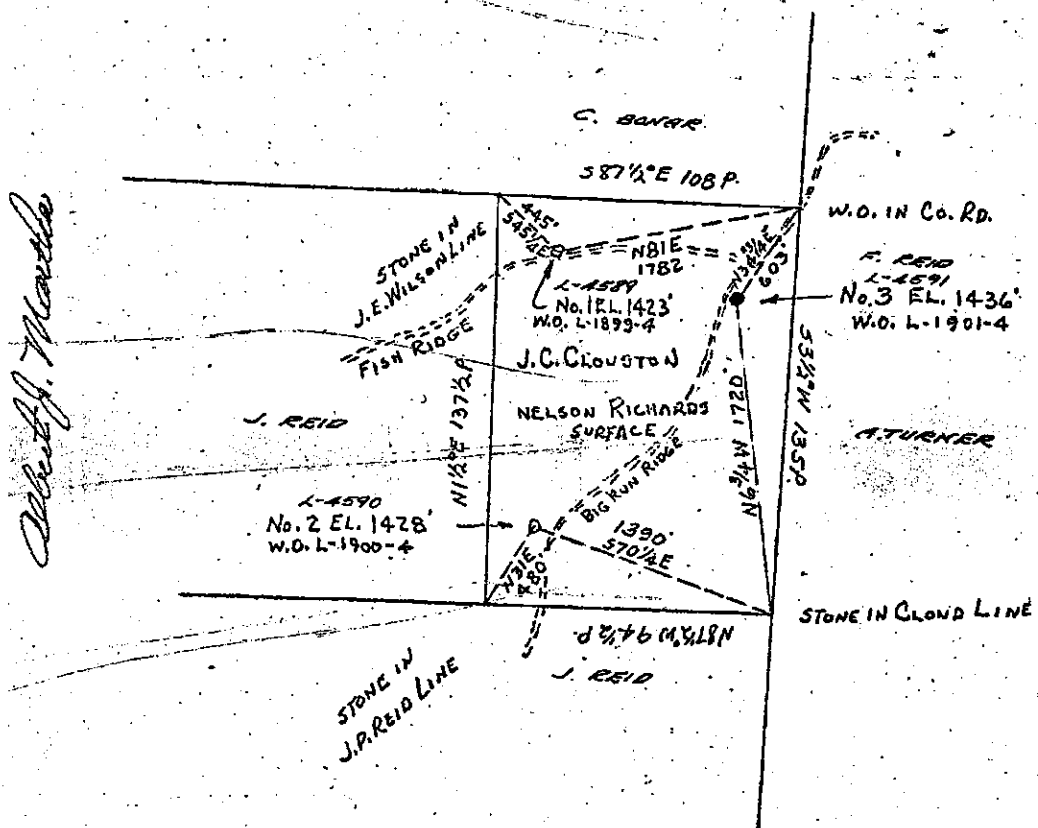
THE MANUFACTURERS LIGHT AND HEAT COMPANY
COMPANY

Location for Well No. L-4591 Budget No. 1051 RE Drilled Gas
 Drilled Deeper for Storage
 Reconditioned

Lease No. 30513 for 86 Acres, Hundred District
 Well No. 3 on farm of James Clouston Bounded on the North by
C. A. Bonar - 133 Acre Tract, on the East by Virginia F. Reid & Mary A. Thurner, Heirs,
 on the South by James P. Reid, 50 Acres, and on the West by Herbert Mathews & J. P. Reid
 in Liberty District Town Township Marshall W. Va.
 County State
 Location Made 7-22-1960 Field Book 12 Page 44 Scale 1" equals 800 feet
 Reservation 200' Signed T. E. Virgin
 Engineer

Storage Privilege Yes No
 Royalty \$300.00 Annually, Payable \$75.00 Quarterly
 Right to Drill Thru Coal Yes No
 Coal Owner M. A. Hanna Coal Company

R. E. Lee
 Div. Supt. or Field Rep.
 0-35-24-27
 Y-25-21A



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Abandoned well to be redrilled and reconditioned for storage purposes on WO L-1901-4.
 Pittsburgh, Pa., _____ 19____
 R. E. Lee Division Superintendent
 Hundred _____

You are hereby authorized to commence work on above well at once.
 All charges for labor and material incident to above well must be charged to this Well No. L-4591
 and when work is completed, report must be filled out on Final Report of Material Form P-923
 Pittsburgh Office. Retain one copy of this order for your files.

C. E. Davison
 ASST. Superintendent of Production

04/17/2026

WELL LOG SUMMARY

LOCATION	COMPANY The Manufacturers Light and Heat Company			DIV. 1	FIELD Chicago, W. Va.	WELL NO. 1591							
	FARM James Clanton	ACRES 06	LEASE NO. 3523	DISTRICT Liberty	COUNTY Marshall	STATE W. Va.							
	TOPO. MAP Quadrangle _____ Ft. _____ of _____ of _____												
CONTRACTOR	TOP HOLE CONTRACTOR	CONTRACTOR ADDRESS			Drilled from _____ Ft. to _____ Ft.								
	DRILLING CONTRACTOR	CONTRACTOR Johnson Drilling Company ADDRESS Hickman, Pennsylvania			Drilled from 0 Ft. to 2600 Ft. Type of Rig Drilling Machine								
COMMENCED (DATE) Drilling 8-12-60		DRILLING COMPLETED (DATE) October 8, 1960		COMPLETED TOTAL DEPTH 2600 ft.	DATE PURCHASED	FOR. WELL NO.							
HOLE SIZE	BIT GAUGE (INCHES)	13	10	8	6-1/2								
	FROM-TO (FEET)	0 to 191	0 to 131 1/2	0 to 219 1/2	0 to 2600								
CASING AND TUBING	SIZE (O.D.)	10-3/4"	8-5/8"	7"									
	WEIGHT/FOOT	32.75	24	20	15.2 = cement								
(All Measurements less threads)	STEEL GRADE	H	J	J									
	COUPLING TYPE	Short	Short	Short									
	SETTING DEPTH	191	131 1/2	219 1/2									
	LEFT IN HOLE	191	131 1/2	219 1/2									
CEMENT	NO. OF SACKS	75	26	27									
	TYPE	1-S	1-S	1-S									
PACKER	WEIGHT #/GAL.	14.5	14.2	14.2									
	MANUFACTURER												
	TYPE												
WELL STIMULATION	SIZE												
	SETTING DEPTH												
	TREATMENT	TYPE *	SIZE AND/OR AMOUNT	ZONE TREATED	OPEN FLOW MCF/DAY	PERFORMED BY							
				From to	Before After								
OPEN FLOW TEST	DATE GAUGED	FORMATION	PAY ZONE	TYPE GAUGE (SPECIFY)	PRESSURE (SPECIFY UNITS)	SIZE OPENING-IN.							
	10 11 60	Big Injan	From 219 1/2 to 2600	Not Enough Gas To Test									
			From to										
			From to										
WELLHEAD PRESSURE TESTS	DATE TAKEN	FORMATION	MINUTE PRESSURE - PSIG					WELLHEAD PRESSURE - PSIG					
	10 11 60	Big Injan	1	3	5	10	20	30	24 HR.	48 HR.	72 HR.	MAX. PRESS.	TIME
	10 13 60	Do	0	0	0	0	0	0		10			
MISC.	DEPTH MEASUREMENT TAKEN FROM:				DIST. TO GROUND	ELEVATION							
	<input checked="" type="checkbox"/> Derrick Floor	<input type="checkbox"/> Ground	Other (Specify) _____		3 ft.	1434							
	LOGGED	LOGGED BY (COMPANY)				DATE LOGGED							
	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Subsidiary Well Surveying Corporation				9 29 60							
* Note: Form PD-17 "Well Fracture Report" to be completed and attached, if applicable													
REMARKS	Flug												
	10" 8" 7"												
	150# 500# 150#												
Cement													
Returns													
No No No													

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Attach additional sheets and forward to Production Dept. Pittsburgh General Office

Verified by *A. T. Walschen*
DIVISION ENGINEER

Approved by *[Signature]*
DIVISION SUPERINTENDENT

04/17/2026

COLUMBIA GAS SYSTEM - PITTSBURGH GROUP COMPANIES

FORM PD-44B

WELL LOG

COMPANY
The Manufacturers Light & Heat Co.
 FARM
 DIV. WELL NO.
4 4591
James Claxton
 DISTRICT - ~~XXXXXX~~
Liberty
 COUNTY STATE
Marshall W. Va.
 OWNED BY

<input checked="" type="checkbox"/> COMPLETED	DATE 10-8-60
<input type="checkbox"/> PURCHASED	DATE
<input type="checkbox"/> ABANDONED	DATE
<input type="checkbox"/> SOLD	

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04/17/2026



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

4591

Quadrangle _____

WELL RECORD

Permit No. **MARS-398-R**

Oil or Gas Well **GAS**
(KIND)

Company **The Manufacturers Light and Heat Company**
Address **800 Union Trust Building, Pittsburgh, Pa.**

Farm **James Cleason** Acres **86**

Location (waters) _____

Well No. **L-4591** Elev. **1436'**

District **Liberty** County **Marshall**

The surface of tract is owned in fee by _____

Address _____

Mineral rights are owned by _____

Address _____

Drilling commenced **August 12, 1960**

Drilling completed **October 8, 1960**

Date Shot **10/11/60** From **2198** To **2400**

With _____

Open Flow /10ths Water in _____ Inch

/10ths Merc. in _____ Inch

Volume _____ Cu. Ft.

Rock Pressure **10** lbs. **48** hrs.

Oil _____ bbls., 1st 24 hrs.

Fresh water _____ feet _____ feet

Salt water _____ feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
18			
10 3/4"	191'	191'	Size of
8 5/8"	1314'	1314'	
7 7/8"	2198'	2198'	Depth set
5 8/16			
2			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____

COAL WAS ENCOUNTERED AT **1079** FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	THICKNESS	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Pittsburgh Coal		5	1079	1084			
Lower Maxton Sand		4	2186	2190			
Mg Lime			2194				
Mg Injun Sand				2494			
Set 7" Casing at Plug Back to				2198			
				2400			

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Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks

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Date November 16, 1960

APPROVED The Manufacturers Light and Heat Co., Owner

By _____
Land Agent 117719

04/17/2026

WW-4A
Revised 6-07

1) Date: 2/19/2026
2) Operator's Well Number
Victory B 4591

3) API Well No.: 47 - 051 - 00398-00-00

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF APPLICATION TO PLUG AND ABANDON A WELL

4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>John C. Richards and Wife</u>	Name <u>Consol RCPC, LLC</u>
Address <u>837 McQueen Boulevard</u>	Address <u>275 Technology Drive, Suite 101</u>
<u>St. Albans, WV 25177</u>	<u>Canonsburg, PA 15317</u>
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>Consol RCPC, LLC</u>
	Address <u>275 Technology Drive, Suite 101</u>
	<u>Canonsburg, PA 15317</u>
(c) Name _____	Name _____
Address _____	Address _____
6) Inspector <u>Strader Gower</u>	(c) Coal Lessee with Declaration
Address <u>2525 West Alexander Road</u>	Name <u>N/A</u>
<u>Valley Grove, WV 26060</u>	Address _____
Telephone <u>(304) 993-6188</u>	_____

TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:

- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form WW-6.

The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses side. However, you are not required to take any action at all.

Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental Protection, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice, the Application, and the plat have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Chief.

Commonwealth of Pennsylvania - Notary Seal
 Susanne Delliere, Notary Public
 Washington County
 My commission expires January 15, 2029
 Commission number 1382332
 Member, Pennsylvania Association of Notaries

Well Operator	<u>Columbia Gas Transmission, LLC</u>	RECEIVED Office of Oil and Gas
By:	<u>Brad Nelson <i>Brad Nelson</i></u>	<u>MAR 09 2026</u>
Its:	<u>Storage Engineer</u>	WV Department of Environmental Protection
Address	<u>455 Racetrack Road</u>	
	<u>Washington, PA 15301</u>	
Telephone	<u>724-250-0610</u>	

Subscribed and sworn before me this 19th day of February 2026
Susanne Delliere Notary Public
 My Commission Expires 1/15/2029

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 depprivacyoffier@wv.gov.

04/17/2026



west virginia department of environmental protection

Office of Oil and Gas
601 57th Street, SE
Charleston, WV 25304
Phone (304) 926-0450

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

**BEFORE THE OFFICE OF OIL AND GAS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
STATE OF WEST VIRGINIA**

**IN THE MATTER OF A VARIANCE FROM)
LEGISLATIVE RULE 35CSR4)
SECTION 14.1. AND LEGISLATIVE RULE)
35CSR8 SECTION 20.1,)
RELATING TO THE CEMENTING)
OF OIL AND GAS WELLS)**

ORDER NO. 2022-13

REPORT OF THE OFFICE

In response to industry requests, the West Virginia Department of Environmental Protection, Office of Oil and Gas has reviewed the proposed use of American Petroleum Institute (API) Class L cement to be used in place of API Class A cement for well plugging.

FINDINGS OF FACT

1. On July 28, 2022, Diversified Gas & Oil Co. (DGO) submitted a variance request from Legislative Rule 35CSR4 for the use of API Class L cement in place of API Class A cement, relating to the plugging of conventional wells.
2. Laboratory analysis submitted by DGO on July 28, 2022, indicates API Class L cement is comparable to API Class A cement and thereby satisfies the requirements of the West Virginia Code.
3. Contemporaneously, the Chief of the Office of Oil and Gas also chose to consider a variance to Legislative Rule 35CSR8 Section 20.1., for the use of API Class L cement in place of API Class A cement, relating to the plugging of horizontal wells.

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Promoting a healthy environment.

04/17/2026

4. On August 18, 2022, the Office of Oil and Gas provided public notice of acceptance of public comments on the variance consideration. During the 20-day public comment period, no comments were received.

CONCLUSIONS OF LAW

Pursuant to Article 6 and Article 6A, Chapter 22 of the Code of West Virginia, the Office of Oil and Gas has jurisdiction over the subject matter, and the persons interested therein, and jurisdiction to promulgate the hereinafter prescribed Order.

Pursuant to Legislative Rule 35CSR4, Section 18 and Legislative Rule 35CSR8, Section 14, the Chief of the Office of Oil and Gas may grant a variance from any requirement of these rules.

ORDER

It is ordered that the Class L cement product approved and monogrammed by API is approved for use in place of API Class A cement for well plugging subject to the provisions of Legislative Rule 35CSR4 and Legislative Rule 35CSR8.

Dated this, the 13th day of September, 2022.

IN THE NAME OF THE STATE OF WEST VIRGINIA

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



James Martin, Chief
Office of Oil and Gas

04/17/2026

Columbia Gas Transmission, LLC

1700 MacCorkle Ave., SE, Charleston, WV, USA 25325



February 25, 2026

John C. Richards and Wife
837 McQueen Boulevard
St. Albans, WV 25177

TC Energy (Columbia Gas Transmission, LLC) is applying for a permit to the WV Department of Environmental Protection – Office of Oil and Gas, to abandon an existing underground natural gas storage well located on property owned by you. As reference, the field and well ID is:

- Victory B 4591 (API # 47-051-00398-00-00)

As part of the well permitting process, TC Energy (Columbia), the well operator, is required to provide a copy of all applicable permit application forms for your review and record retention.

If you have questions, feel free to call.

Regards,

A handwritten signature in black ink that reads "Brad Nelson".

Brad Nelson
Storage Engineer
TC Energy (Columbia Gas Transmission, LLC)
brad_nelson@tcenergy.com
off: 724-223-2753
cell: 724-250-0610

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MAR 09 2026

WV Department of
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Certified Mail Fee \$5.30

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

<input type="checkbox"/> Return Receipt (hardcopy)	\$	0.00
<input type="checkbox"/> Return Receipt (electronic)	\$	0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$	0.00
<input type="checkbox"/> Adult Signature Required	\$	0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$	0.00

Postage \$2.44

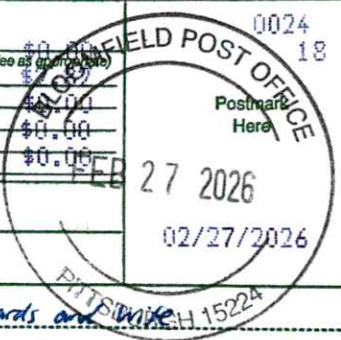
Total Postage and Fees \$10.56

Sent To *John C. Richards and Wife*

Street and Apt. No., or PO Box No. *837 McQueen Boulevard*

City, State, ZIP+4® *St. Albans, WV 25177*

PS Form 3800, January 2023 PSN 7530-02-000-9047 See Reverse for Instructions



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 - 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).

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04/17/2026



March 4, 2026

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Item Details

Status:	Delivered, Individual Picked Up at Post Office
Status Date / Time:	March 3, 2026, 12:19 pm
Location:	SAINT ALBANS, WV 25177
Postal Product:	First-Class Mail®
Extra Services:	Certified Mail™ Return Receipt Electronic

Shipment Details

Weight:	4.0oz
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Recipient Signature

Signature of Recipient:	
Address of Recipient:	837 MCQUEEN BLVD SAINT ALBANS, WV 25177-3702

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Environmental Protection

04/17/2026

Columbia Gas Transmission, LLC

1700 MacCorkle Ave., SE, Charleston, WV, USA 25325



February 27, 2026

Consol RCPC, LLC
275 Technology Drive, Suite 101
Canonsburg, PA 15317

TC Energy (Columbia Gas Transmission, LLC), an underground natural gas storage operator, is planning to abandon or work over the following storage wells in Marshall County, WV and Wetzel County, WV. Records indicate that Consol RCPC, LLC is coal operator and owner.

- Victory A 3617 (API # 47-103-00396-00-00) – Plug and Abandon
- Victory A 4224 (API # 47-103-00396-00-00) – Plug and Abandon
- Victory A 4435 (API # 47-103-00183-00-00) – Plug and Abandon
- Victory A 4788 (API # 47-103-00547-00-00) – Stimulation
- Victory B 4233 (API # 47-051-00774-00-00) – Plug and Abandon
- Victory B 4317 (API # 47-103-01472-00-00) – Plug and Abandon
- Victory B 4451 (API # 47-103-00450-00-00) – Plug and Abandon
- Victory B 4476 (API # 47-051-00275-00-00) – Plug and Abandon
- Victory B 4591 (API # 47-051-00398-00-00) – Plug and Abandon

To comply with WVDEP Code, TC Energy (Columbia) is required to provide the coal operator and owner the following documents as notification and for processing.

- WV DEP form WW-2A (Notice and Application for a Well Work Permit) - Stimulation
- WV DEP form WW-4A (Notice of Application to Plug and Abandon a Well)
- WV DEP form WW-4B (Application for a Permit to Plug and Abandon)
- WV DEP form WW-7 (Well Location Form) or Survey Plat
- WV DEP form WW-9 (Fluids/Cuttings Disposal & Reclamation Plan)

If you have questions, feel free to call.

Regards,

A handwritten signature in black ink that reads "Brad Nelson".

Brad Nelson
Storage Engineer
TC Energy (Columbia Gas Transmission, LLC)
brad_nelson@tcenergy.com
off: 724-223-2753
cell: 724-250-0610

www.tcenergy.com

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<input type="checkbox"/> Return Receipt (electronic)	\$2.82
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00
<input type="checkbox"/> Adult Signature Required	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00

Postage \$11.05

Total Postage and Fees \$19.17

Sent To
 Consol RCP, LLC
 Street and Apt. No., or PO Box No.
 275 Technology Drive, Suite 101
 City, State, ZIP+4®
 Canonsburg, PA

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02/27/2026
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for an electronic return receipt, see a retail associate for assistance. To receive a duplicate return receipt for no additional fee, present this USPS®-postmarked Certified Mail receipt to the retail associate.

■ 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.

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March 4, 2026

Dear Brad Nelson:

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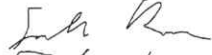
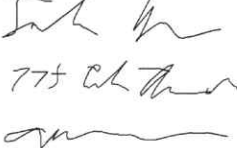
Item Details

Status:	Delivered, Front Desk/Reception/Mail Room
Status Date / Time:	March 2, 2026, 12:21 pm
Location:	CANONSBURG, PA 15317
Postal Product:	Priority Mail®
Extra Services:	Certified Mail™ Return Receipt Electronic Up to \$100 insurance included

Shipment Details

Weight:	1lb, 6.0oz
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Recipient Signature

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Address of Recipient:	

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WW-9
(5/16)

API Number 47 - 051 - 00398-00-00
Operator's Well No. _____

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

Operator Name Columbia Gas Transmission, LLC OP Code 307032

Watershed (HUC 10) Fish Creek Quadrangle Cameron

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: Fresh water, cement returns, bentonite gel, NaCl salt

Will a synthetic liner be used in the pit? Yes No If so, what ml.? 20

Proposed Disposal Method For Treated Pit Wastes:

- Land Application (if selected provide a completed form WW-9-GPP)
- Underground Injection (UIC Permit Number 34-119-28776, 34-167-23862)
- Reuse (at API Number _____)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain Appalachian Water Services, Station W1 Ronco WTP, Masontown, PA - Permit 2608201, Reserve Environmental Services (RES), Mud Masters)

Will closed loop system be used? If so, describe: No

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

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

Additives to be used in drilling medium? _____

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

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

-Landfill or offsite name/permit number? _____

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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 Brad Nelson

Company Official (Typed Name) Brad Nelson

Company Official Title Storage Engineer

Subscribed and sworn before me this 19th day of February, 20 26

Susanne Deliere Notary Public

My commission expires 1/15/2029

Commonwealth of Pennsylvania - Notary Seal
Susanne Deliere, Notary Public
Washington County
My commission expires January 15, 2029
Commission number 1382332
Member, Pennsylvania Association of Notaries

04/17/2026

Proposed Revegetation Treatment: Acres Disturbed <1.0 Prevegetation pH 6.5

Lime 2 Tons/acre or to correct to pH 7

Fertilizer type 10-10-10

Fertilizer amount 600 lbs/acre

Mulch 2 Tons/acre

Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
<u>Annual Rye</u>	<u>40</u>	<u>Orchard Grass and/or Tall Fescue</u>	<u>29</u>
		<u>Birdsfoot trefoil (empire)</u>	<u>9</u>
		<u>Annual Rye</u>	<u>12</u>

For wetland areas: Annual Rye (40 lbs/acre) until indigenous plants re-establish cover.

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 Strader Gower

Comments: _____

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Title: Oil & Gas Inspector Date: 02/23/2026

Field Reviewed? () Yes () No

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

Operator Name: Columbia Gas Transmission, LLC
Watershed (HUC 10): Fish Creek Quad: Cameron
Farm Name: _____

1. List the procedures used for the treatment and discharge of fluids. Include a list of all operations that could contaminate the groundwater.

No fertilizer will be stored on site. Small quantities of fuel, oil, and lubricants will be stored on site, but located within secondary containment.

Accidental release from well fluids and spills from construction equipment are the only sources of contaminate to groundwater.

All accumulated fluids to be hauled off site to UIC disposal facility.

2. Describe procedures and equipment used to protect groundwater quality from the list of potential contaminant sources above.

All construction equipment will be inspected daily for leaks. Spill kits will be on site.

3. List the closest water body, distance to closest water body, and distance from closest Well Head Protection Area to the discharge area.

The closest water body is Cedar Run approximately 1600 feet to the SW. The nearest Wellhead Protection area is 6.6 mi. to the E/SE (WV3305202 - Hundred Littleton PSD).

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4. Summarize all activities at your facility that are already regulated for groundwater protection.

N/A

5. Discuss any existing groundwater quality data for your facility or an adjacent property.

04/17/2026

N/A

6. Provide a statement that no waste material will be used for deicing or fill material on the property.

No waste material will be used for deicing or fill material on the property.

7. Describe the groundwater protection instruction and training to be provided to the employees. Job procedures shall provide direction on how to prevent groundwater contamination.

During routine tailgate meetings groundwater protection will be a topic of discussion.

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8. Provide provisions and frequency for inspections of all GPP elements and equipment.




No fertilizer will be stored on site. Small quantities of fuel, oil, and lubrications will be stored on site, but located within secondary containment. Construction equipment will be inspected daily for leaks or spill.

Signature: Strader Gower

Date: 02/23/2026

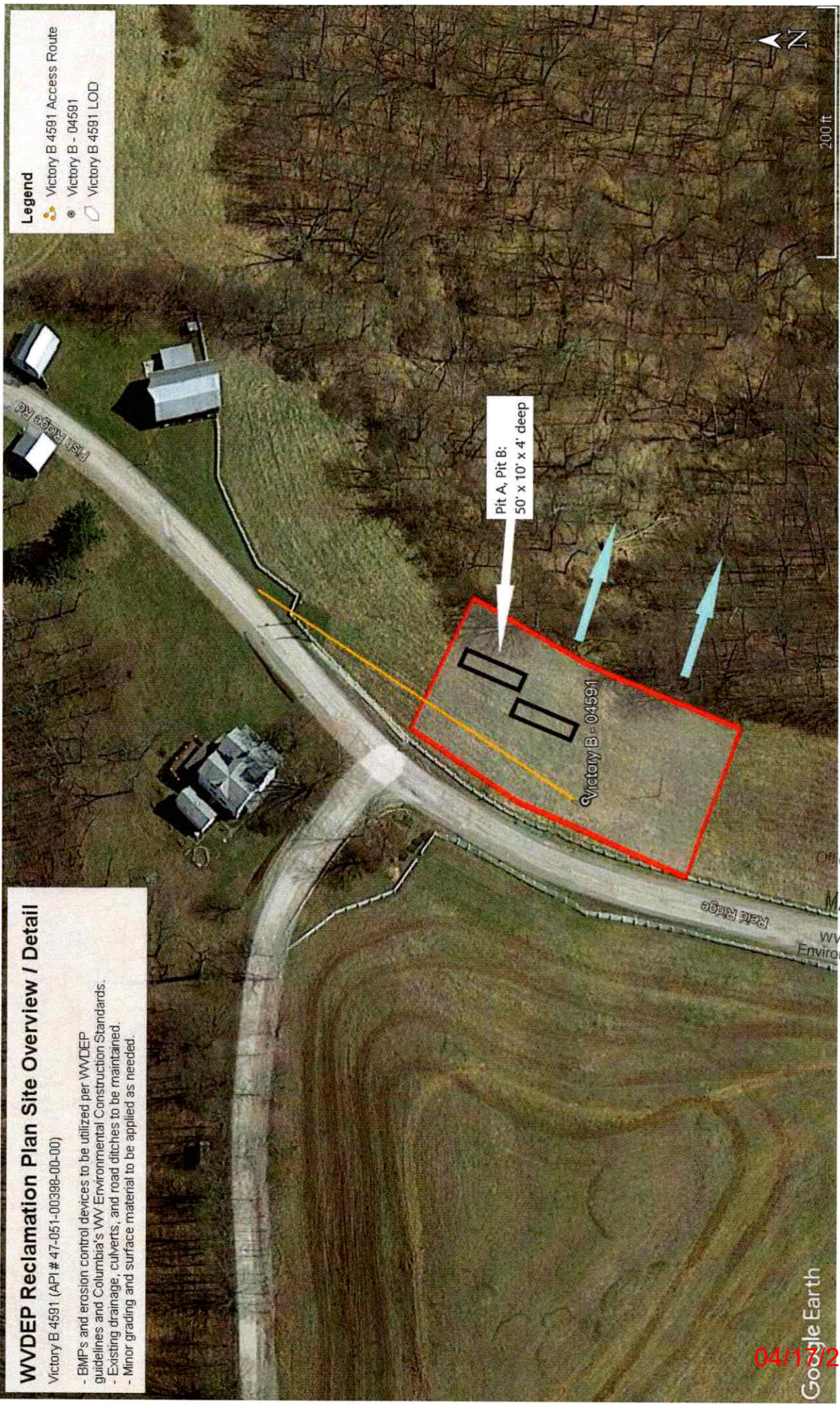
04/17/2026

Legend

-  Victory B 4581 Access Route
-  Victory B - 04591
-  Victory B 4581 LOD

WVDEP Reclamation Plan Site Overview / Detail
 Victory B 4591 (API # 47-051-00398-00-00)

- BMPs and erosion control devices to be utilized per WVDEP guidelines and Columbia's WV Environmental Construction Standards.
- Existing drainage, culverts, and road ditches to be maintained.
- Minor grading and surface material to be applied as needed.



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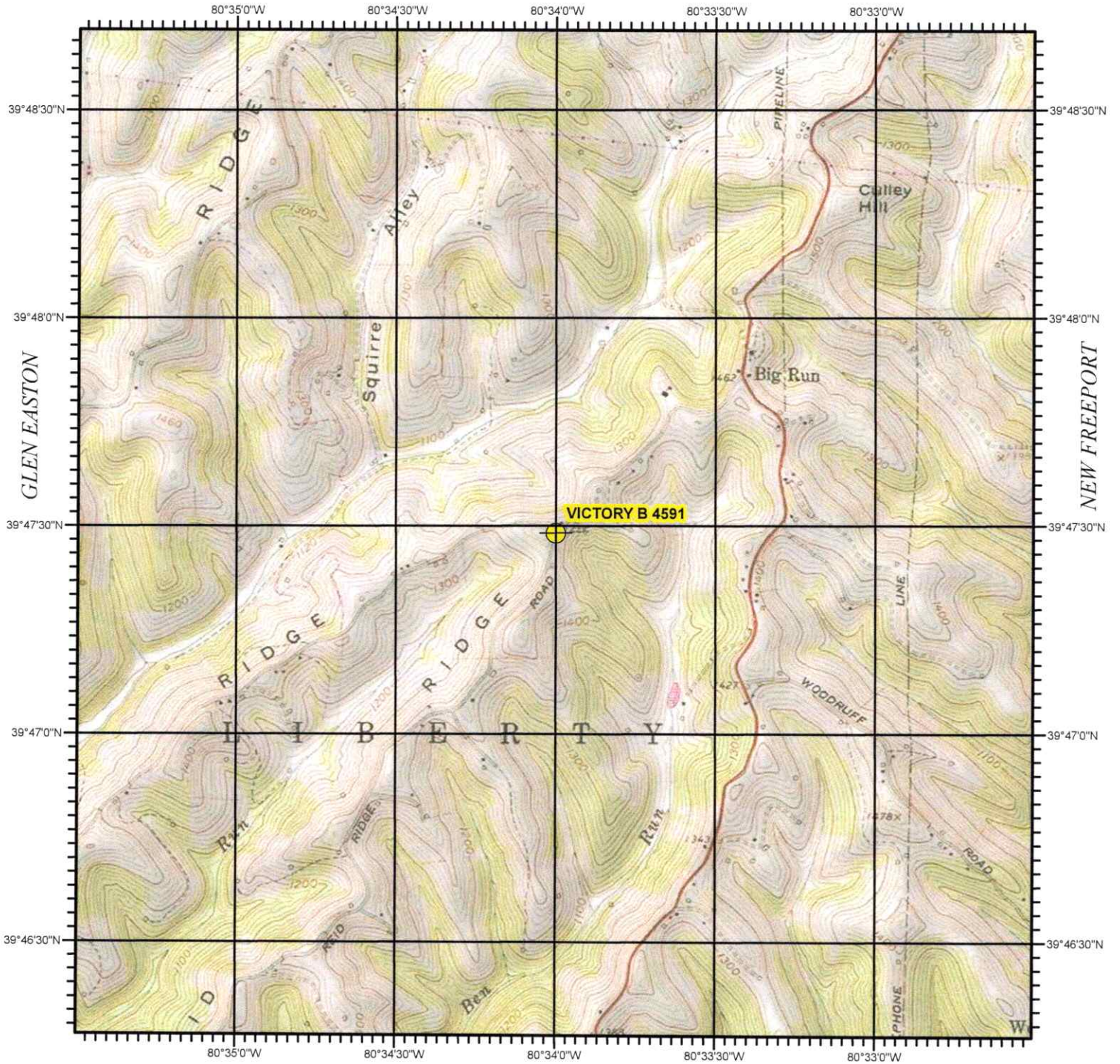
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Google Earth

MOUNDSVILLE

MAJORSVILLE

WIND RIDGE

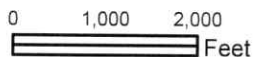
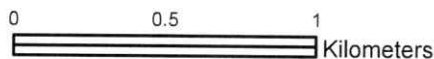
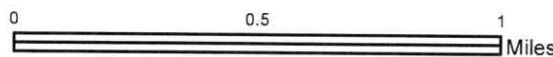


WILEYVILLE

LITTLETON

HUNDRED

**VICTORY B 4591
MARSHALL COUNTY, WV**



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USGS TOPOGRAPHIC QUADRANGLE
CAMERON, WV - 1988

North American 1983 Datum (NAD83)

SCALE 1:24,000

04/17/2026

WW-7
8-30-06



West Virginia Department of Environmental Protection
Office of Oil and Gas
WELL LOCATION FORM: GPS

API: 47-051-00398-00-00 WELL NO.: Victory B 4591

FARM NAME: CLOUSTON, JAMES

RESPONSIBLE PARTY NAME: Columbia Gas Transmission, LLC

COUNTY: Marshall DISTRICT: Liberty

QUADRANGLE: Cameron

SURFACE OWNER: John C. Richards and wife

ROYALTY OWNER: Virginia M. Davis; Robert Williams; Rebecca C. Chambers; Frank D. Robinson Cynthia Sue Davis; et al

UTM GPS NORTHING: 4,404,695.963

UTM GPS EASTING: 537,116.091 GPS ELEVATION: 1,429'

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit or assigned API number on the above well. The Office of Oil and Gas will not accept GPS coordinates that do not meet the following requirements:

- Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
- Accuracy to Datum – 3.05 meters
- Data Collection Method:
Survey grade GPS : Post Processed Differential
Real-Time Differential

Mapping Grade GPS : Post Processed Differential
Real-Time Differential

- Letter size copy of the topography map showing the well location.

I the undersigned, hereby certify this data 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 Office of Oil and Gas.

<u><i>Paul Nehr</i></u>	<u>Storage Engineer</u>	<u>2/19/2026</u>
Signature	Title	Date

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MAR 09 2026
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Environmental Protection

04/17/2026



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

plugging permit issued 4705100398

1 message

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

Mon, Apr 13, 2026 at 1:29 PM

To: Brad Nelson <brad_nelson@tcenergy.com>, Strader C Gower <strader.c.gower@wv.gov>, ebuzzard@marshallcountywv.org

To whom it may concern, a plugging permit has been issued for 4705100398.

--

James Kennedy

Environmental Resource Specialist III / Permitting

WVDEP Office of Oil and Gas

601 57th Street, SE

Charleston, WV 25304

304-926-0499 ext. 45025

james.p.kennedy@wv.gov

 **4705100398.pdf**
4186K

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