



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, December 29, 2025

WELL WORK PLUGGING PERMIT
Vertical Plugging

COLUMBIA GAS TRANSMISSION, LLC
1700 MACCORKLE AVENUE SE

CHARLESTON, WV 25314

Re: Permit approval for 4446
47-051-00311-00-00

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

A handwritten signature in black ink, appearing to read "Jason Harmon".

Operator's Well Number:
Farm Name: THOMAS, E.
U.S. WELL NUMBER: 47-051-00311-00-00
Vertical Plugging
Date Issued: 12/29/2025

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.

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 795' Watershed Fish Creek
District Liberty County Marshall Quadrangle Glen Easton, WV

6) Well Operator Columbia Gas Transmission, LLC 7) Designated Agent Brad Nelson, Storage Engineer
Address 1700 MacCorkle Avenue S.E., P.O. Box 1273 Address 455 Racetrack Road
Charleston, WV 25325 Washington, PA 15301

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.

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 11/18/2025

01/09/2026

WELL JOB PLAN**STS Well Engineering & Technology**

PAGE 3

DATE JOB PREPARED: 2/27/2024

LAST PROFILE UPDATE:

Objective: Plug Well and Abandon Pipeline

TITLE: Plug and Abandonment		WORK TYPE: WR	
FIELD: Victory B	WELL: 4446		
STAT: WV	SHL (Lat/Long): 0 0		API: 47-051-00311
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.

- 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 Kill well with kill weight fluid - consult with WET engineer on minimum required density.

*CLASS A
Cement*

** 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.*

- 12 Remove restricted wellhead components and install full bore 7" valve.
- 13 Obtain CBL from TD to surface - keep hole full of fluid.

** Results of CBL may require modifications to procedure. Consult with WET engineer.*

- 14 MIRU service rig.
- 15 NU double ram (blind bottom + pipes top) and annular BOPs. Pressure test BOPs low/high 250/1000 psig.
- 16 RIH with carbide rotary shoe and clean to hard TD.
- 17 Install balanced cement plug(s) from TD to 1220'. 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 1420' install second cement plug. WOC 4 hrs, tag, and TOOH.
- 18 Install cast-iron DBP above cement plug.

RECEIVED
Office of Oil and Gas

NOV 24 2025

WV Department of
Environmental Protection

** The following procedure assumes cement top behind 7" csg 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.*

- 19 RIH and install balanced plug(s) from top of BP to 650' (approx 90' below base of Pittsburgh Coal). TOOH.

*** Verify depth of Pittsburgh Coal with TC Energy geologist and correlate to rig floor.*

- 20 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.
- 21 RIH and install balanced cement plug(s) from top of last cement plug to depth of cement top behind 7" csg. TOOH.
- 22 ND BOPs and remove remainder of wellhead.
- 23 Cut/pull all 7" and 8-5/8" csg that is free.

** Do no pull 10-3/4" csg - leave in well in the event future well intervention required.*

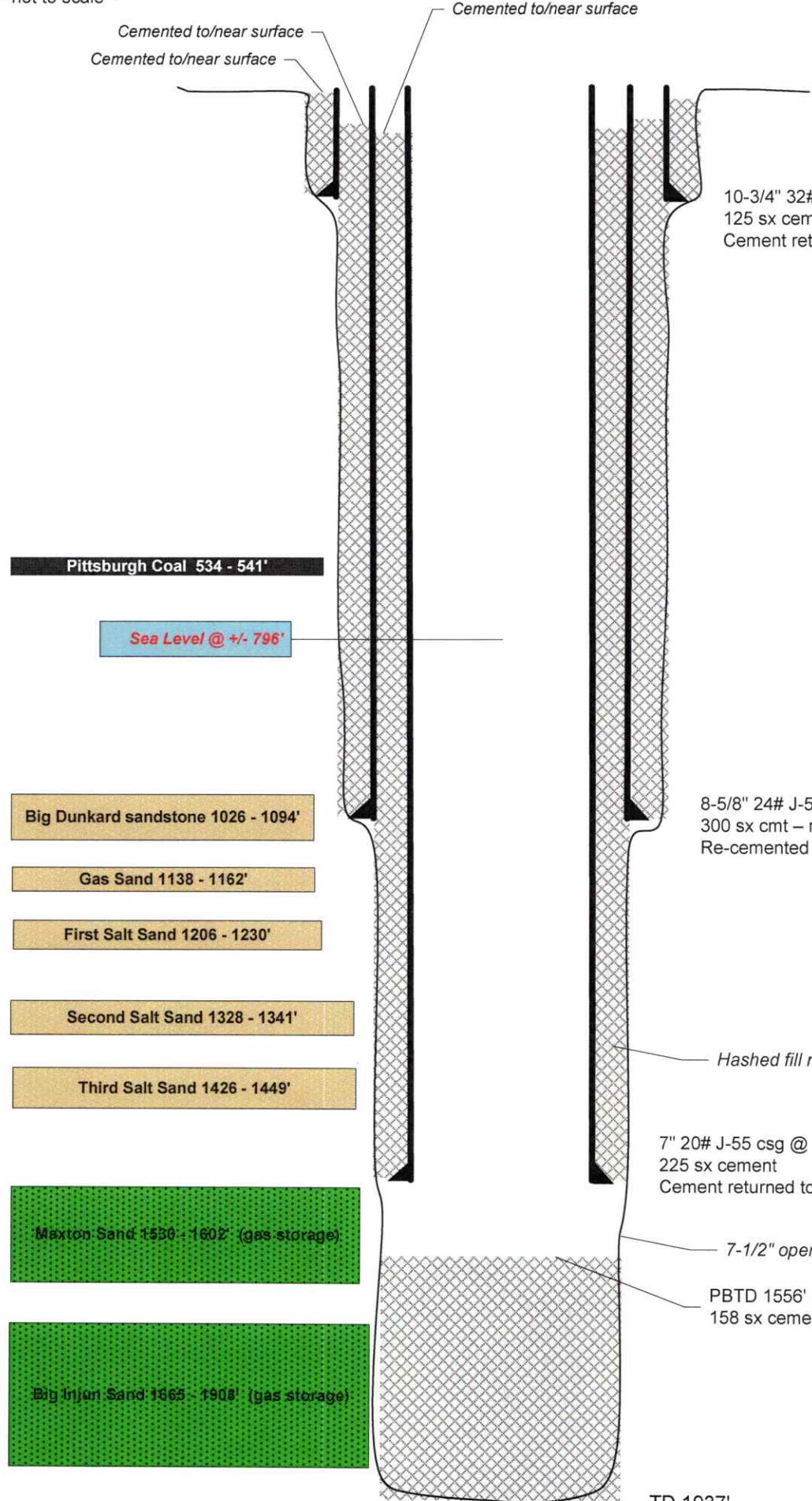
- 24 RIH and install balanced cement plug(s) from top of last cement plug to surface.
- 25 Grout behind 10-3/4" as deep as possible.
- 26 Install casing monument with API number affixed.
- 27 Abandon well line.
- 28 Reclaim road and location.

Strader Gower

11/18/2025

01/09/2026

~ not to scale ~



Victory B 4446

API 47-051-00311

Prior to P&A

(as of 2/27/24)

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Environmental Protection

8-5/8" 24# J-55 csg @ 1049'
300 sx cmt – no cement returned to surface
Re-cemented to surface during 7" cement job

01/09/2026

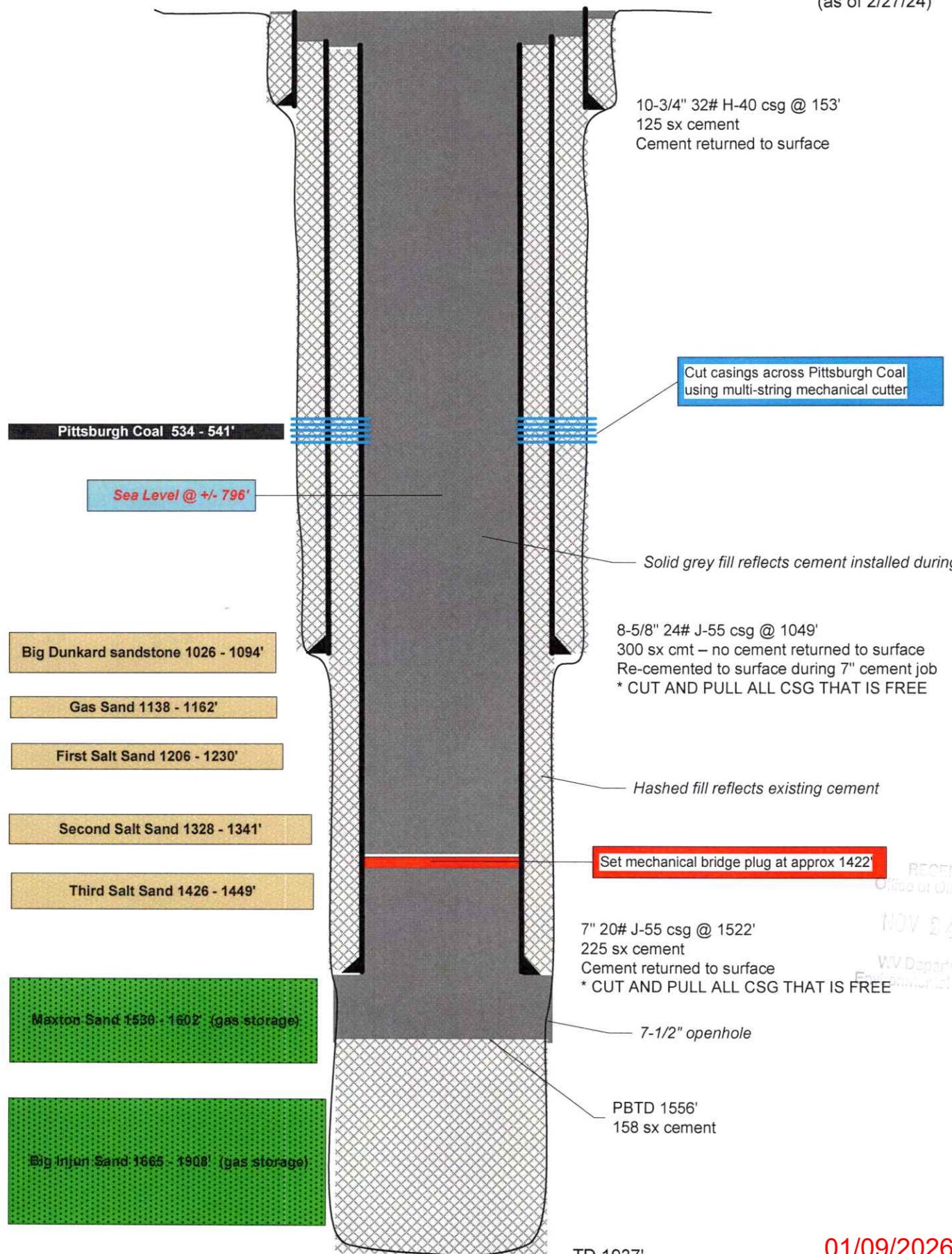
~ not to scale ~

Victory B 4446

API 47-051-00311

Proposed P&A

(as of 2/27/24)



CBD
- F-4446

Carnegie Natural Gas Co.
Company

Leave 26434-227

Division

Record of well No. <u>C-870</u>	on <u>Eliz. Thomas</u>	Farm <u>337</u>	Acres <u>1</u>
Field	Township District	County	State
Rig Commenced	19	Completed	19
Drilling Commenced	<u>11/25/18</u>	Completed	<u>1/34/19</u>
Contractor	Address		
Driller's Name			

CASING AND TUBING RECORD

PACKER RECORD

SHOOTING RECORD

VOLUME AND PRESSURE

TOTAL INITIAL OPEN FLOW

CUBIC FEET PER 24 HOURS

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Mapletown Coal	430	440		sh. gas
Pittsburgh Coal	531	544		sh. gas
L. Dunkard	890	925		
R. Dunkard	1075	1125		
Coal	1165	1172		
Gas Sand	1210	1245		
2nd Salt	1488	1516		
Moxton	1550	1560		sh. gas
Little Lime	1636	1638		
Pearl Cave	1638	1639		
Big Lime	1639	1672		
Big Trojan	1672	1922		sh. Gas 1765-68
Berea	2055	2085		
50'	2500	2575		
Gordon Shag	2525	2560		sh. Oil 2532
Gordon	2585	2698		Gas 2586-88 320 wcf blow down to 48 wcf
TD		3745		

Open Flows 40/50" Water 12-2"

2011-11-13/14

$$R_{\text{ext}} = 325 \text{ ft}$$

blew down to 48 sec

Examined above information and measurements and found to be correct by

Examined and Approved by

Contractor

Division Questions

NOTE.—The above blank must be filled out carefully by the contractor, with a complete and accurate record of the well, and accompany, when presented for payment of the bill for drilling. All formations and known sands must be given by their proper name, with steel line measurements, and under the head of "Remarks" must be recorded in what sand and at what depth Oil, Gas or water was found, the quantity of gas, the quality of the sand, and thickness of rock.

01/09/2026

The Manufacturers Light & Heat Company
Company

Original mailed to
P. G. Office 12-2-57

Division 4

Record of well No.	4446	on	E. Thomas	Farm	Acres	
Cameran	Field	Liberty	Marshall	County	W. Va.	State
Rig Commenced		19	Completed		19	
Drilling Commenced	Sept. 10,	19 57	Completed	Nov. 21,	19 57	
Contractor	A. G. Istiminger		Address	Cameran,	W. Va.	
Driller's Name	A. G. Istiminger and Edison Istiminger					

CASING AND TUBING RECORD

	Conductor	12"	18"	6 1/4"	7"	6 5/8"	5 3/16"	4"	3"		
Used in Drdg.											
Left in well				1514	1857	3566					

PACKER RECORD

VOLUME AND PRESSURE

TOTAL INITIAL OPEN FLOW

Not good for traffic

CUBIC FEET PER 24 HOURS

FORMATION Schlumberger Well Survey	TOP	BOTTOM	THICKNESS	REMARKS
Pittsburgh Coal	5361'	5132'	7'	Ran 15 1/2" of 10-3/4" Casing Sm. Gr. H-32# on a steel shoe and cemented with 125 bags
Marion Sand	1512'	1548'	36'	cement, 14.2 lbs. per. gal., good return of cement at surface. Ran 1057' of 8-5/8"
Total Depth		1556'		Casing Sm. Gr. J-21# on a steel shoe and cemented with 300 bags cement, 14.8 lbs. per gallon, no return of cement at surface.
7" Set @ 1522'				Ran 1566' of 7" Casing Sm. Gr. J-20# on a steel shoe set at 1547' and cemented with 225 bags cement, 15.2 lbs. per gallon. Enough cement returned to finish filling to surface between the 8 and 10" casing.
				Well cleaned out to a depth of 1937' and cemented back to 1556' with 158 bags cement. Cemented with a Damp Boiler.

Examined above information and measurements and found to be correct by

Examined and Approved by

G. G. Tsininger

Contractor

RECOMMENDED AND APPROVED BY


B. B. G.

permendikbud
01/09/2026

0709
NOTE.—The above blank must be filled out carefully by the contractor, with a complete and accurate record of the well, and accompany, when presented for payment of the bill for drilling. All formations and known sands must be given by their proper name, with steel line measurements, and under the head of "Remarks" must be recorded in what sand and at what depth Oil, Gas or water was found, the quantity of same, the quality of the sand, and thickness of pay.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle Cameron

Permit No. MARS-311-R

WELL RECORD

Storage
Oil or Gas Well GAS
(KIND)

Company	The Manufacturers Light & Heat Company			Casing and Tubing	Used in Drilling	Left in Well	Packers	
Address	800 Union Trust Building, Pgh. 19, Penna.							
Farm	E. Thomas			Size			Kind of Packer	
Location (waters)				16				
Well No.	4446	Elev. 795'			18			
District	Liberty	County	Marshall	10"	154'	Size of		
The surface of tract is owned in fee by				8 1/4"	1057'	Depth set		
Mineral rights are owned by				8 3/8" 7"	1556'	Perf. top		
Drilling commenced	September 10, 1957			5 3/16"		Perf. bottom		
Drilling completed	November 21, 1957			3"		Perf. top		
Date Shot	From	To		2"		Perf. bottom		
With				Liners Used				
Open Flow	/10ths Water in	Inch			CASING CEMENTED	SIZE	No. Ft.	Date
	/10ths Merc. in	Inch						
Volume				Cu. Ft.	COAL WAS ENCOUNTERED AT FEET INCHES			
Rock Pressure	lbs. hrs.				FEET	INCHES	FEET	INCHES
Oil				bbis, 1st 24 hrs.				
Fresh water	feet			feet	FEET	INCHES	FEET	INCHES
Salt water	feet			feet	FEET	INCHES	FEET	INCHES
Formation	Color	THICKNESS	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks	
Schlumberger Well Survey								
Pittsburgh Coal		7"	536'	543'	All pipe measured over threads			
Maxton Sand		7"	1548'	1555'	Run 154' of 10-3/4" Casing Sm. Gr. H-32#			
Total Depth				1556'	on a steel shoe and cemented with 125			
					bags cement, 14.2 lbs. per gal., good			
					return of cement at surface. Run 1057'			
					of 8-5/8" Casing Sm. Gr. J-24# on a steel			
					shoe and cemented with 300 bags cement, 11			
					14.8 lbs. per gallon, no return of cement			
					at surface. Run 1566' of 7" Casing Sm.			
					Gr. J-20# on a steel shoe set a 1547'			
					and cemented with 225 bags cement, 15.2			
					per gallon. Enough cement returned to			
					finish filling to surface between the 8			
					and 10" casing. Well cleaned out to a			
					depth of 1937' and cemented back to 1556'			
					with 158 bags cement. Cemented with a			
					Dump Bailer.			

(Over)



01/09/2026

**The Manufacturers Light and Heat Company
COMPANY**

C-870 Location for Well No. L-4446 Budget No. 1751 Redrill Drilled Drilled Deeper Reconditioned Gas for Storage

Lease No. 26438 for 227 Acres, Hundred District

Well No. _____ on farm of _____ E. Thomas Bounded on the North by _____

David Bonar and Robert Sims : on the East by Harley Richmond : on the South

... and on the West by Bruce Blake Heirs

in Liberty Marshall W.Va.
in District Town Township County State

Location Made May 6 1957 Div. 4 Field Book 12 Page 8 Scale 1" equals 800 feet

Reservation 200' Signed T. E. Virgin
Engineer

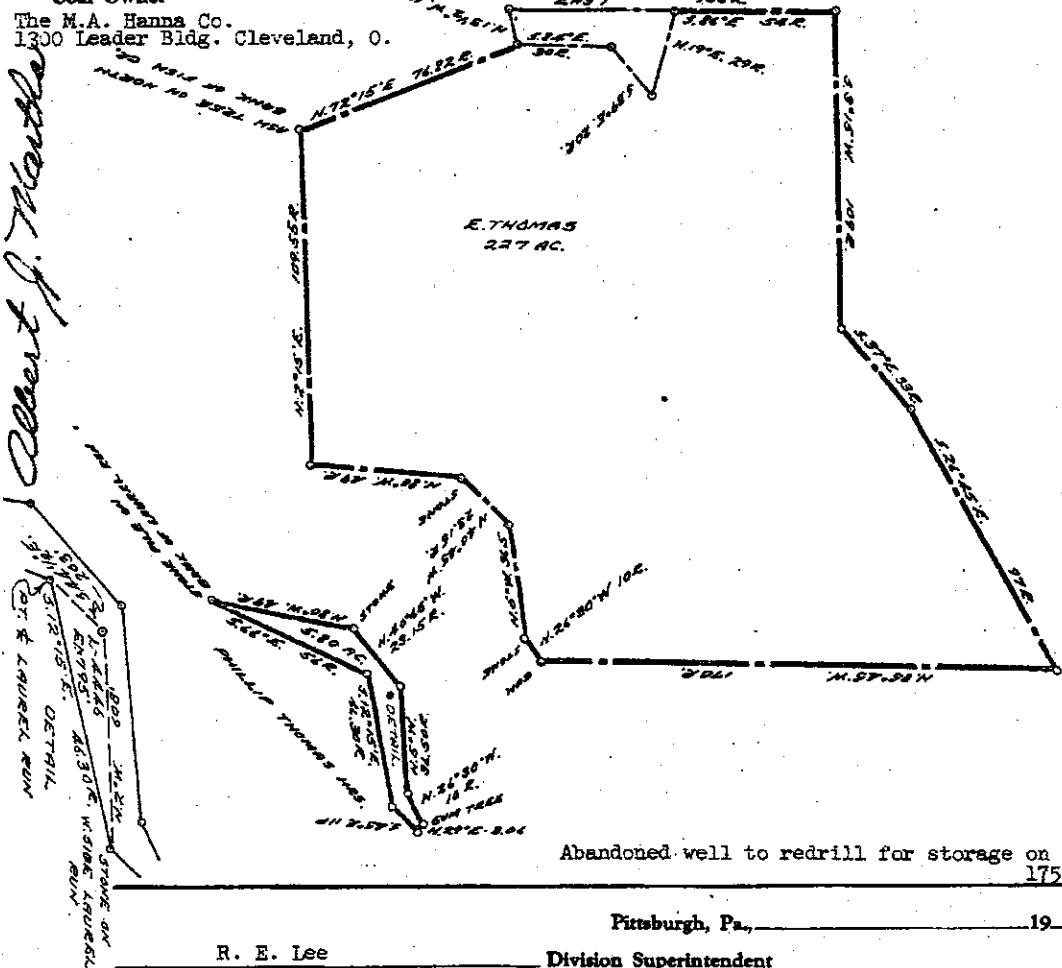
Storage Privilege Yes No R. E. Lee
Royalty \$75.00 Div. Supt. or Field Rep.

Right to Drill Thru Coal Yes No

Coal Owner 24474 EAST 1082

100 Leader Ridge, Cleveland, O.

The M.A. Hanna Co.
1300 Leader Bldg. Cleveland, O.



Abandoned well to redrill for storage on Work Order 1751-L-1160-4

Pittsburgh, Pa., 19

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-4446

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.

Clair E. Davison

ASSISTANT Superintendent of Production

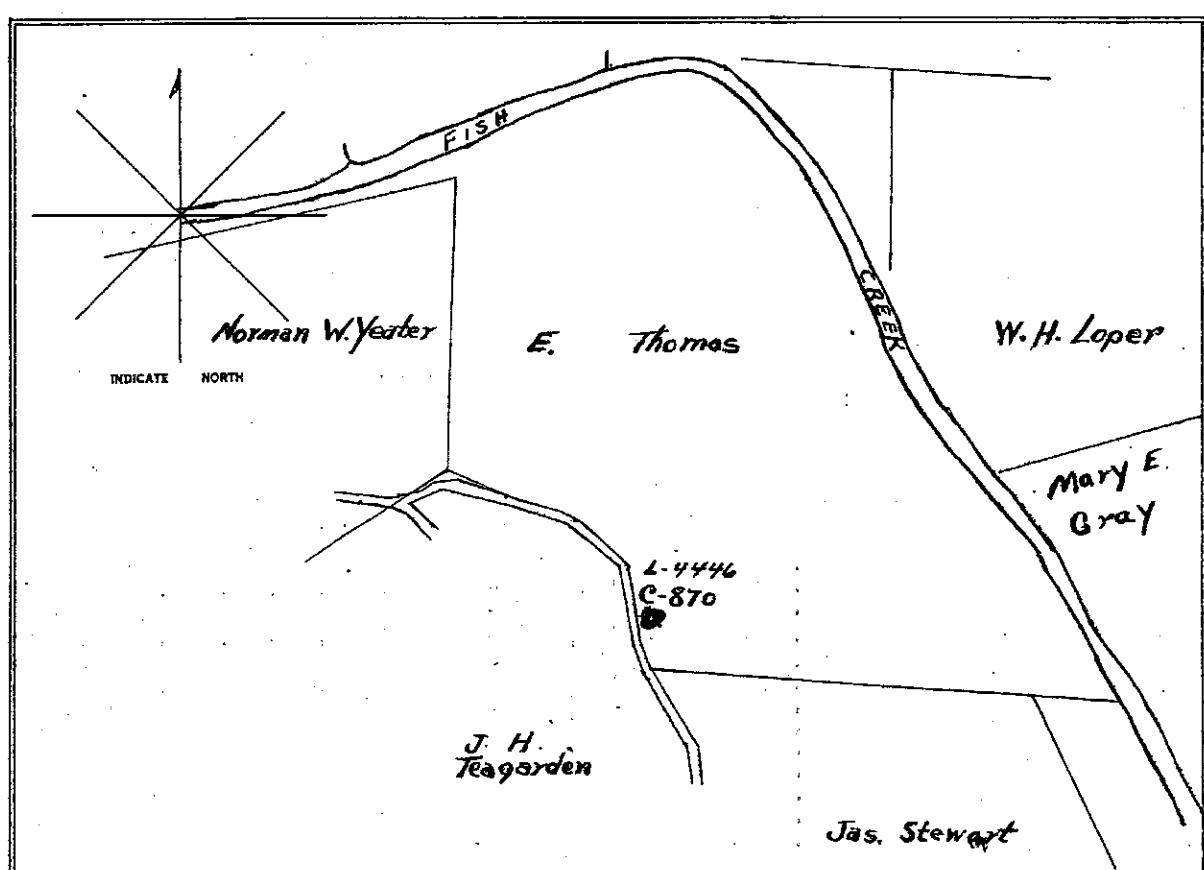
01/09/2026

WORK ORDER SKETCH

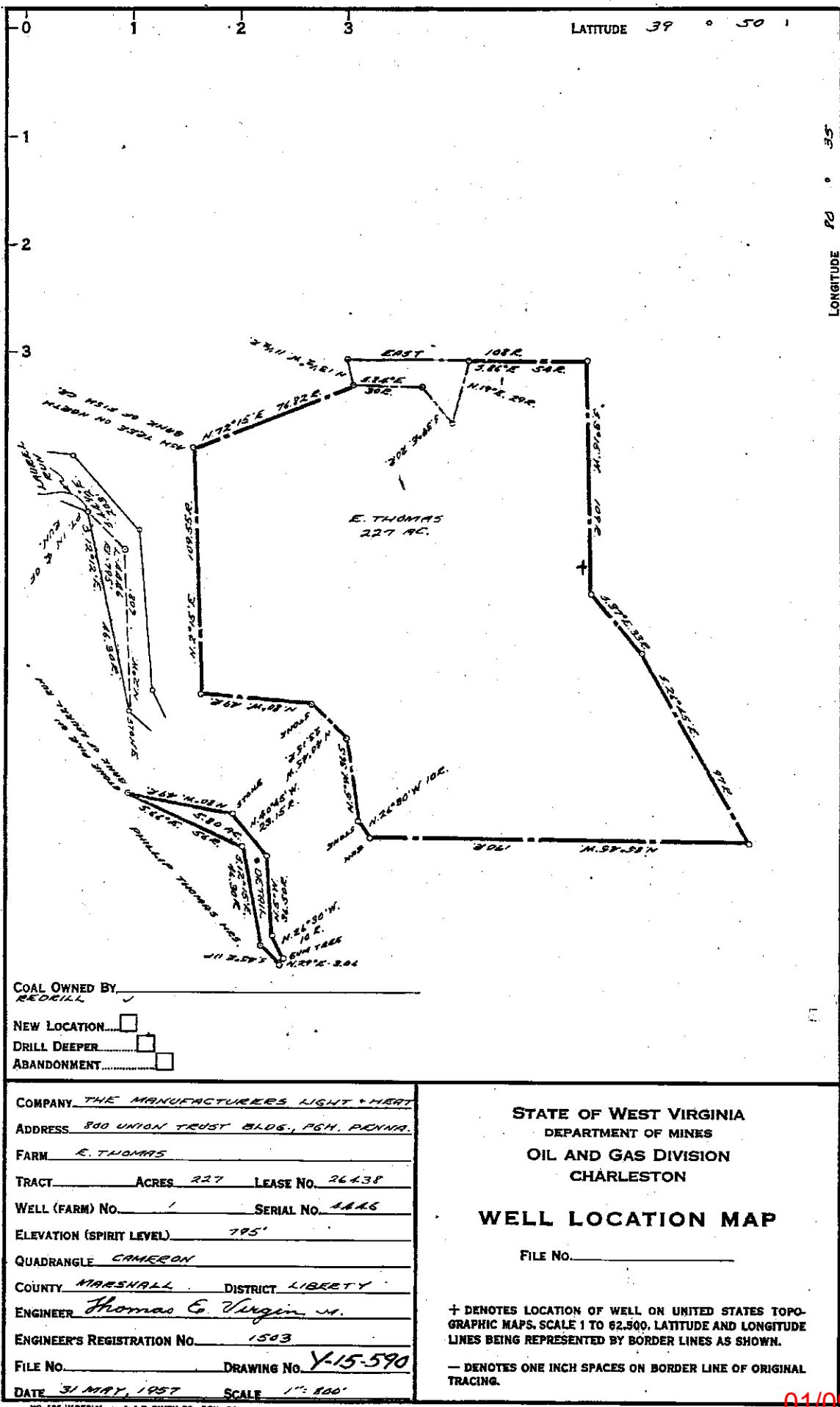
BUDGET NO. 1751 WORK ORDER NO. L-1160-9DATE REQUESTED 11-28-1955COMPANY The Manufacturers Light & Heat Co. DEPT. Production DIVISION 19 DISTRICT 4PROPOSED WORK Recondition 1 line W-C-870 (AW)KNOWN AS (E. Thomas) DE. RichmondLINE - REGULATOR
STRUCTURECITY BOROUGH, VILLAGE 7104 TAX DISTRICT Liberty COUNTY Marshall STATE W. Va.

IN CITY, BOROUGH, VILLAGE TAX DISTRICT TOWN, TOWNSHIP OR DISTRICT COUNTY STATE

IN CITY, BOROUGH, VILLAGE TAX DISTRICT TOWN, TOWNSHIP OR DISTRICT COUNTY STATE

SCALE 1" = 800'MAP NO. 0-25-28

01/09/2026



WW-4A
Revised 6-07

1) Date: 11/6/2025
2) Operator's Well Number
Victory B 4446
3) API Well No.: 47 - 051 - 00311-00-00

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:
(a) Name Mason Dixon Farms, LLC
Address P.O. Box 260911
Melbourne, FL 32936
(b) Name _____
Address _____
(c) Name _____
Address _____

5) (a) Coal Operator
Name Consol RCPC / Marshall County Coal Resources, Inc.
Address SEE BELOW.
(b) Coal Owner(s) with Declaration
Name Consol RCPC, LLC
Address 275 Technology Drive, Suite 101
Canonsburg, PA 15317
Name Marshall County Coal Resources, Inc.
Address 46226 National Road West
St. Clairsville, OH 43950
(c) Coal Lessee with Declaration
Name N/A
Address _____

6) Inspector
Address Strader Gower
2525 West Alexander Road
Valley Grove, WV 26060
Telephone (304) 993-6188

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 reverse 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
EMILY KALE LEACH - Notary Public
Washington County
My Commission Expires November 18, 2027
Commission Number 1359854

Well Operator Columbia Gas Transmission, LLC
By: Brad Nelson
Its: Storage Engineer
Address 455 Racetrack Road
Washington, PA 15301
Telephone 724-250-0610

Subscribed and sworn before me this 6th day of November 2025
My Commission Expires 11/18/2027 Notary Public

Oil and Gas Privacy Notice

The Office of Oil and Gas processes your personal information, such as name, address and phone number, as a part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use of your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

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Office of Oil and Gas
NOV 24 2025
WV Department of
Environmental Protection

Columbia Gas Transmission, LLC
1700 MacCorkle Ave., SE, Charleston, WV, USA 25325



November 11, 2025

Mason Dixon Farms, LLC
P.O. Box 360911
Melbourne, FL 32936

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

- Victory B 4404 (API # 47-051-00764-00-00)
- Victory B 4446 (API # 47-051-00311-00-00)

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 appears to read "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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Office of Oil and Gas

NOV 24 2025

WV Department of
Environmental Protection

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Melbourne, FL 32986

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NOV 24 2025

PITTSBURGH 15224

NOV 12 2025

Certified Mail Fee \$5.30
Postage \$3.28
Total Postage and Fees \$11.40

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

Return Receipt (hardcopy) \$10.00
 Return Receipt (electronic) \$10.00
 Certified Mail Restricted Delivery \$10.00
 Adult Signature Required \$10.00
 Adult Signature Restricted Delivery \$10.00

Sent To
 Mason Dixon Farms, LLC
 Street and Apt. No., or PO Box No.
 P.O. Box 360911
 City, State, Zip Code
 Melbourne, FL 32936

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

Certified Mail service provides the following benefits:

- A receipt (this portion of the Certified Mail label).
- A unique identifier for your mailpiece.
- Electronic verification of delivery or attempted delivery.
- A record of delivery (including the recipient's signature) that is retained by the Postal Service™ for a specified period.

Important Reminders:

- You may purchase Certified Mail service with First-Class Mail®, First-Class Package Service®, or Priority Mail® service.
- Certified Mail service is *not* available for international mail.
- Insurance coverage is *not* available for purchase with Certified Mail service. However, the purchase of Certified Mail service does not change the insurance coverage automatically included with certain Priority Mail items.
- For an additional fee, and with a proper endorsement on the mailpiece, you may request the following services:
 - Return receipt service, which provides a record of delivery (including the recipient's signature). You can request a hardcopy return receipt or an electronic version. For a hardcopy return receipt, complete PS Form 3811, *Domestic Return Receipt*; attach PS Form 3811 to your mailpiece;
- To ensure that your Certified Mail receipt is accepted as legal proof of mailing, it should bear a USPS postmark. If you would like a postmark on this Certified Mail receipt, please present your Certified Mail item at a Post Office™ for postmarking. If you don't need a postmark on this Certified Mail receipt, detach the barcoded portion of this label, affix it to the mailpiece, apply appropriate postage, and deposit the mailpiece.

IMPORTANT: Save this receipt for your records.

PS Form 3800, January 2023 (Reverse) PSN 7530-02-000-9047

RECEIVED
 Office of Oil and Gas
 NOV 24 2025
 WV Department of
 Environmental Protection

01/09/2026



November 18, 2025

Dear Brad Nelson:

The following is in response to your request for proof of delivery on your item with the tracking number:
9589 0710 5270 3208 8439 02.

Item Details

Status: Delivered, Individual Picked Up at Post Office
Status Date / Time: November 18, 2025, 9:10 am
Location: MELBOURNE, FL 32936
Postal Product: First-Class Mail®
Extra Services: Certified Mail™
Return Receipt Electronic

Shipment Details

Weight: 7.0oz

Recipient Signature

Signature of Recipient:



PO BOX 360911
MELBOURNE, FL 32936-0911

Address of Recipient:

Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

Thank you for selecting the United States Postal Service® for your mailing needs. If you require additional assistance, please contact your local Post Office™ or a Postal representative at 1-800-222-1811.

Sincerely,
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475 L'Enfant Plaza SW
Washington, D.C. 20260-0004

RECEIVED
Office of Oil and Gas
NOV 24 2025
WV Department of
Environmental Protection

01/09/2026

Columbia Gas Transmission, LLC
1700 MacCorkle Ave., SE, Charleston, WV, USA 25325



November 11, 2025

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 the following storage wells in Marshall County, WV. Records indicate that Consol RCPC, LLC is coal operator and owner.

- Victory B 3848 (API # 47-051-00162-00-00) – Plug and Abandon
- Victory B 4359 (API # 47-051-00299-00-00) – Plug and Abandon
- Victory B 4404 (API # 47-051-00764-00-00) – Plug and Abandon
- Victory B 4446 (API # 47-051-00311-00-00) – 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-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](#))
- 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 appears to read "Brad Nelson".

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

RECEIVED
Office of Oil and Gas

NOV 24 2025

WV Department of
Environmental Protection



November 14, 2025

Dear Brad Nelson:

The following is in response to your request for proof of delivery on your item with the tracking number:
9589 0710 5270 3208 8438 96.

Item Details

Status: Delivered, Front Desk/Reception/Mail Room
Status Date / Time: November 14, 2025, 9:41 am
Location: CANONSBURG, PA 15317
Postal Product: Priority Mail®
Extra Services: Certified Mail™
Return Receipt Electronic
Up to \$100 insurance included

Shipment Details

Weight: 1lb, 1.0oz

Recipient Signature

Signature of Recipient:

275 TECHNOLOGY DR STE 101,
CANONSBURG, PA 15317

Address of Recipient:

Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

Thank you for selecting the United States Postal Service® for your mailing needs. If you require additional assistance, please contact your local Post Office™ or a Postal representative at 1-800-222-1811.

Sincerely,
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Washington, D.C. 20260-0004

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01/09/2026

Columbia Gas Transmission, LLC
1700 MacCorkle Ave., SE, Charleston, WV, USA 25325



November 11, 2025

Marshall County Coal Resources, Inc.
46226 National Road
St. Clairsville, OH 43950

TC Energy (Columbia Gas Transmission, LLC), an underground natural gas storage operator, is planning to abandon the following storage wells in Marshall County, WV. Records indicate that Marshall County Coal Resources, Inc. is coal operator and owner.

- Victory B 3848 (API # 47-051-00162-00-00) – Plug and Abandon
- Victory B 4359 (API # 47-051-00299-00-00) – Plug and Abandon
- Victory B 4404 (API # 47-051-00764-00-00) – Plug and Abandon
- Victory B 4446 (API # 47-051-00311-00-00) – 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-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](#))
- 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 appears to read "Brad Nelson".

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

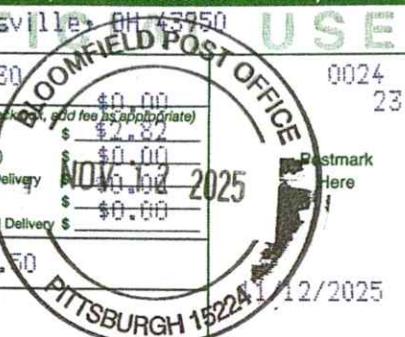
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Office of Oil & Gas
NOV 24 2025

WV Department of
Environmental Protection

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

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

Saint Clairsville, OH 43950



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

\$ 11.50

Total Postage and Fees

\$19.62

Sent To

Marshall County Coal Resources, Inc.

Street and Apt. No., or PO Box No.

46226 National Road

City, State, ZIP+4

Saint Clairsville, OH 43950

PS Form 3800, January 2023 PSN 7530-02-000-9047

See Reverse for Instructions

Certified Mail service provides the following benefits:

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

IMPORTANT: Save this receipt for your records.

PS Form 3800, January 2023 (Reverse) PSN 7530-02-000-9047

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Office of Oil and Gas

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Environmental Protection

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November 14, 2025

Dear Brad Nelson:

The following is in response to your request for proof of delivery on your item with the tracking number:
9589 0710 5270 3208 8438 89.

Item Details

Status: Delivered, Individual Picked Up at Post Office
Status Date / Time: November 14, 2025, 9:03 am
Location: SAINT CLAIRSVILLE, OH 43950
Postal Product: Priority Mail®
Extra Services: Certified Mail™
Return Receipt Electronic
Up to \$100 insurance included

Shipment Details

Weight: 1lb, 1.0oz

Recipient Signature

Signature of Recipient:

46226 NATIONAL RD

SAINT CLAIRSVILLE, OH 43950 8742

Address of Recipient:

Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

Thank you for selecting the United States Postal Service® for your mailing needs. If you require additional assistance, please contact your local Post Office™ or a Postal representative at 1-800-222-1811.

Sincerely,
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Environmental Protection

01/09/2026

WW-9
(5/16)

API Number 47 - 051 - 00311-00-00
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 Glen Easton, WV

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? _____

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

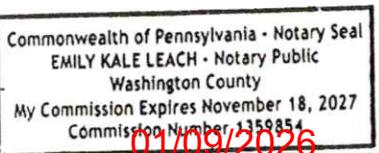
Company Official (Typed Name) Brad Nelson

Company Official Title Storage Engineer

Subscribed and sworn before me this 6th day of November, 20 25

Emily K. Leach Notary Public

My commission expires 11/18/2027



Proposed Revegetation Treatment: Acres Disturbed <1.0 Prevegetation pH 6.5Lime 2 Tons/acre or to correct to pH 7Fertilizer type 10-10-10Fertilizer amount 600 lbs/acreMulch 2 Tons/acre**Seed Mixtures**

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

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: _____

E

Title: Oil & Gas Inspector Date: 11/18/2025Field Reviewed? (X) 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: Glen Easton, WV

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 Laurel Run approximately 50 feet to the W. The nearest Wellhead Protection area is 7 mi. to the E/SE (WV3305202 - Hundred Littleton PSD).

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.

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.

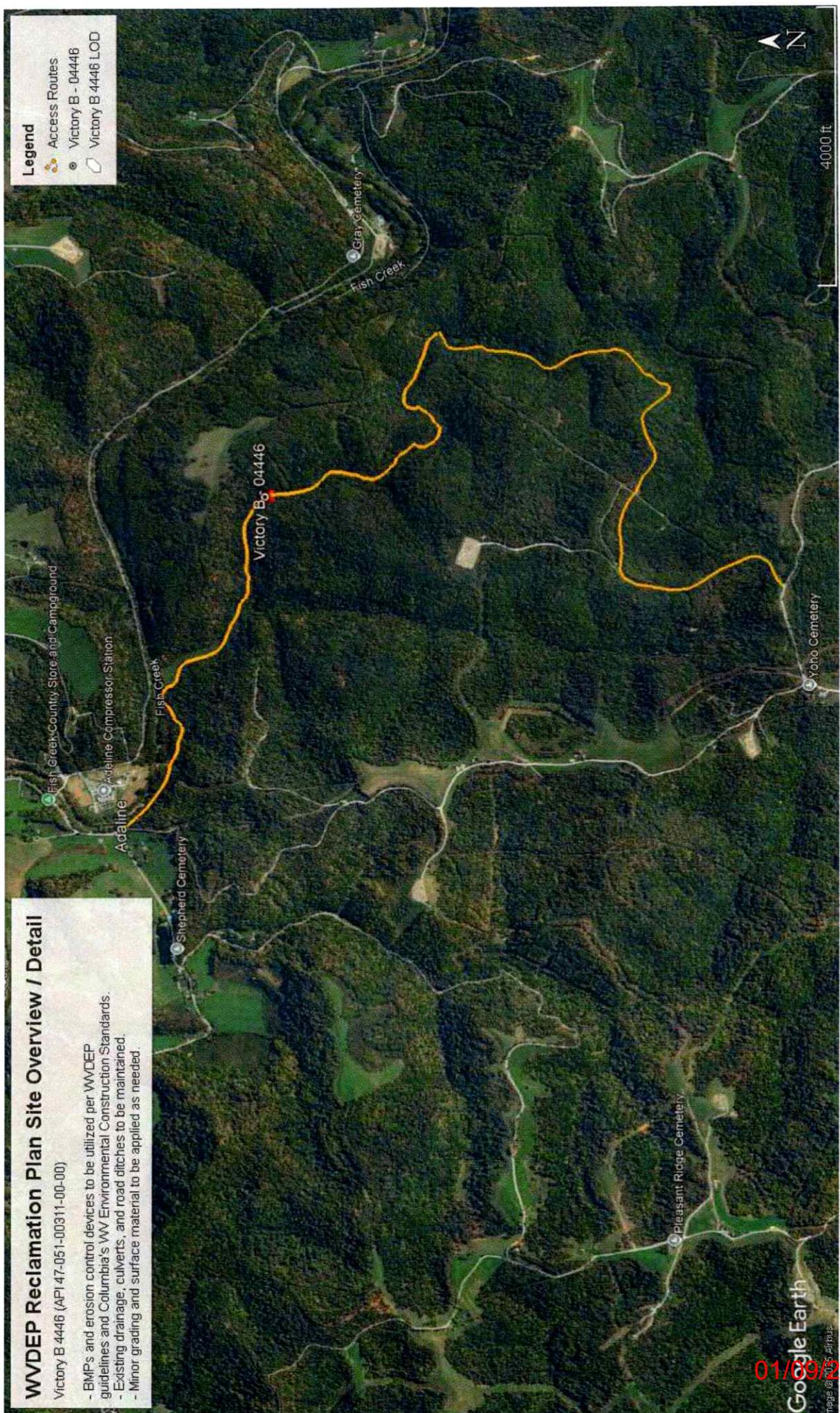
During routine tailgate meetings groundwater protection will be a topic of discussion.

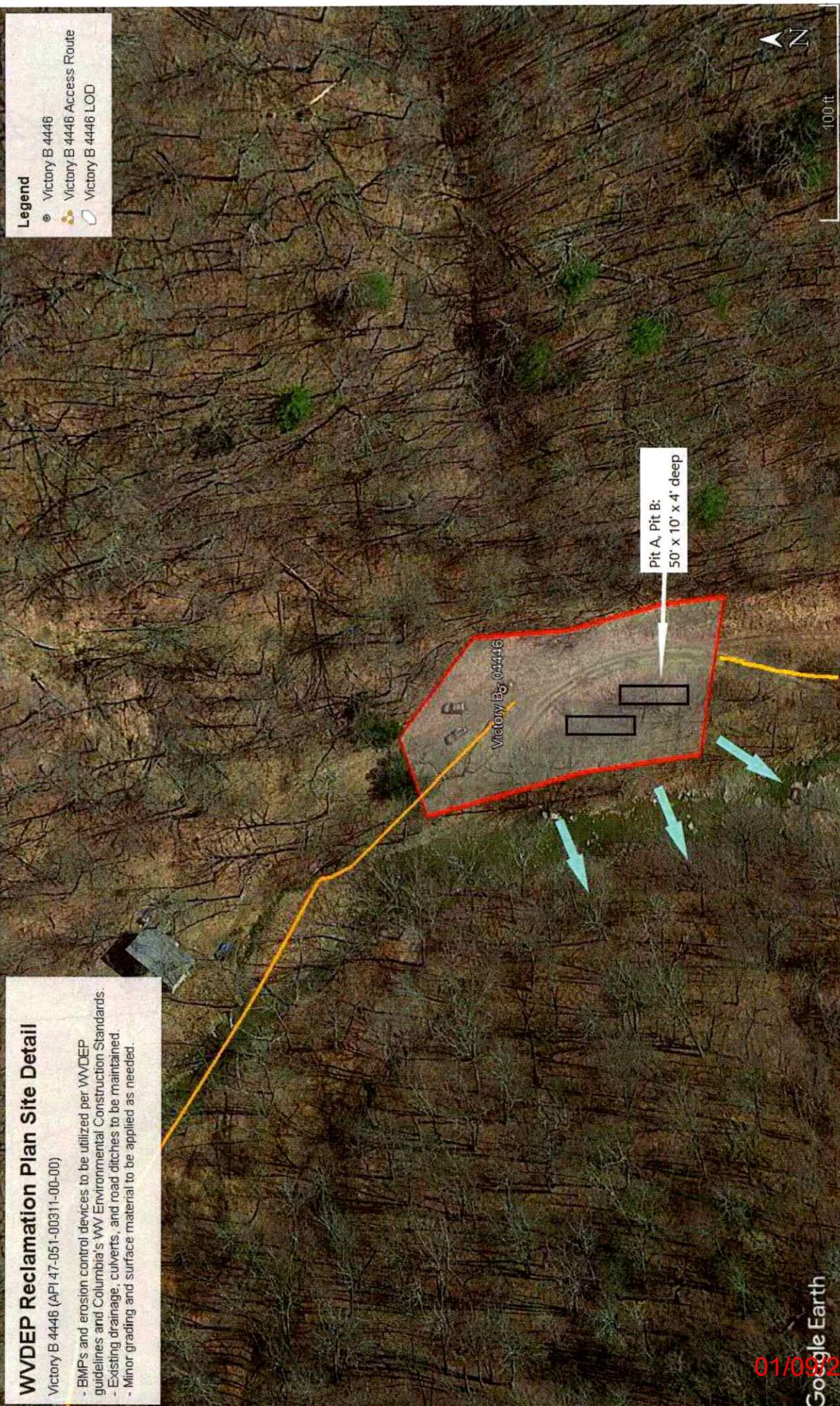
8. Provide provisions and frequency for inspections of all GPP elements and equipment.

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: 11/18/2025

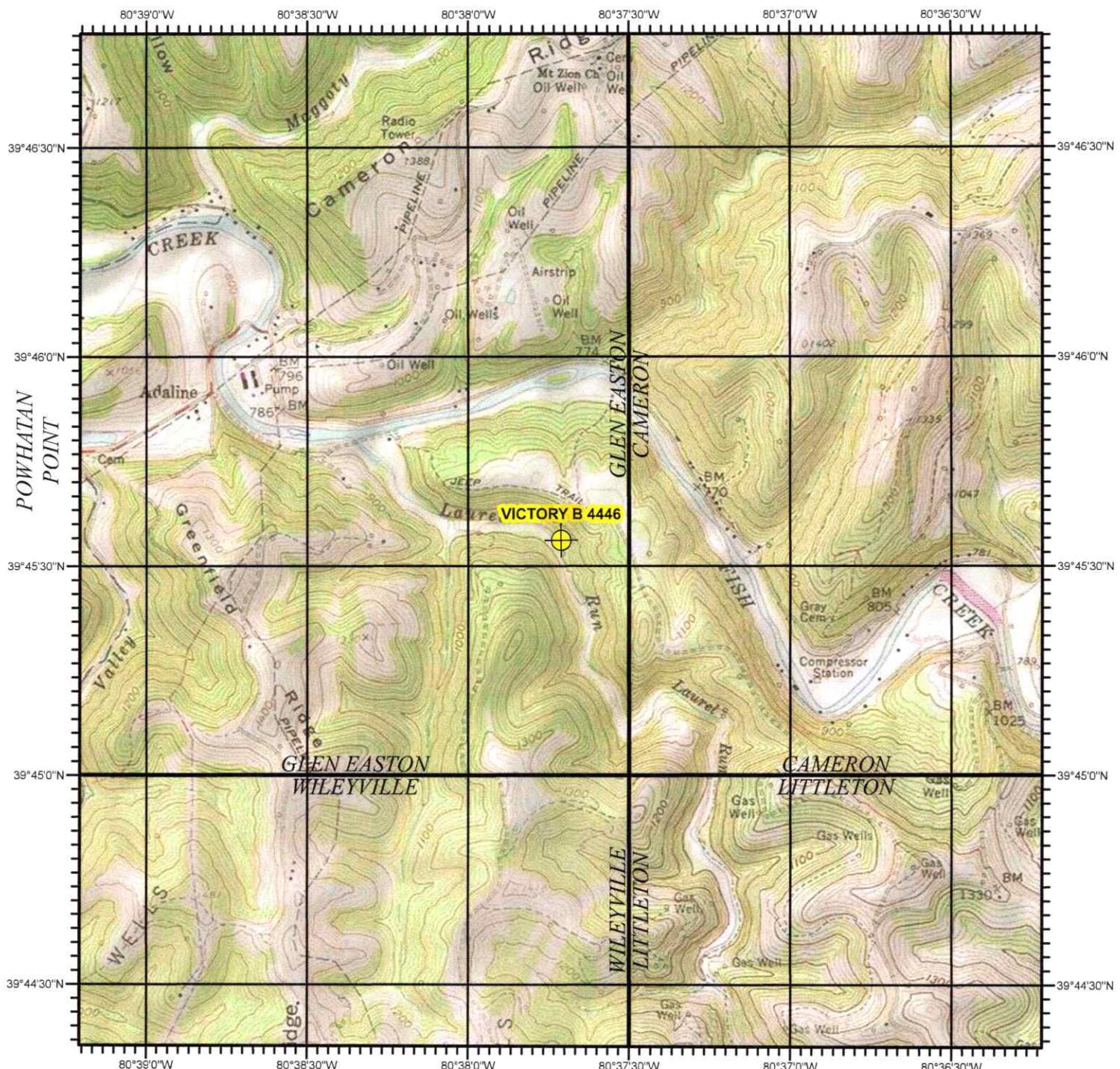




BUSINESSBURG

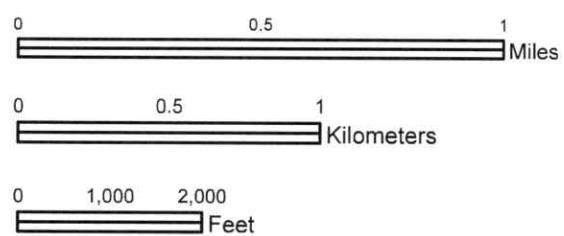
MOUNDSVILLE

MAJORSVILLE



NEW MARTINSVILLE

VICTORY B 4446
MARSHALL COUNTY, WV



USGS TOPOGRAPHIC QUADRANGLE
GLEN EASTON, WV - 1976

North American 1983 Datum (NAD83)

SCALE 1:24,000

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NOV 24 2023
WV Department of
Environmental Protection

01/09/2026

WW-7
8-30-06



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

API: 47-051-00311-00-00 WELL NO.: Victory B 4446

FARM NAME: THOMAS, E.

RESPONSIBLE PARTY NAME: Columbia Gas Transmission, LLC

COUNTY: Marshall DISTRICT: Liberty

QUADRANGLE: Glen Easton, WV

SURFACE OWNER: Mason Dixon Farms, LLC

ROYALTY OWNER: Brenda Sue Gittings, William H. Deal, Marc Richmond Gittings, Jennifer Wyant, Kimberly Ward, Michael Deal

UTM GPS NORTHING: 4,401,115.011

UTM GPS EASTING: 531,819.339 GPS ELEVATION: 795'

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:

1. Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.

2. Accuracy to Datum – 3.05 meters

3. Data Collection Method:

Survey grade GPS : Post Processed Differential X

Real-Time Differential

Mapping Grade GPS : Post Processed Differential

Real-Time Differential

4. 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.

A handwritten signature in black ink, appearing to read "Paul Nahr".

Signature

Storage Engineer

Title

11/6/2025

Date

01/09/2026



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

plugging permits issued for 4705100299 00311 00162

1 message

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

Mon, Dec 29, 2025 at 11:52 AM

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

To whom it may concern, plugging permits have been issued for 4705100299 00311 00162.

--

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

3 attachments [4705100311.pdf](#)
4292K [4705100162.pdf](#)
4091K [4705100299.pdf](#)
3817K**01/09/2026**