



west virginia department of environmental protection

Office of Oil and Gas
601 57th Street, S.E.
Charleston, WV 25304
(304) 926-0450
fax: (304) 926-0452

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

Friday, September 25, 2026
WELL WORK PERMIT
Vertical / Re-Work

COLUMBIA GAS TRANSMISSION, LLC
1700 MACCORKLE AVENUE SE

CHARLESTON, WV 25314

Re: Permit approval for 12413
47-035-02462-00-00

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.

A handwritten signature in black ink, appearing to read "Jason Harmon", is written over the typed name.

H. Jason Harmon
Chief

Operator's Well Number: 12413
Farm Name: STARCHER, R.C.
U.S. WELL NUMBER: 47-035-02462-00-00
Vertical Re-Work
Date Issued: 9/25/2026

Promoting a healthy environment.

09/25/2026

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. If the operator encounters an unanticipated void, or an anticipated void at an unanticipated depth, the operator shall notify the inspector within 24 hours. Modifications to the casing program may be necessary to comply with W. Va. Code §22-6-20, which requires drilling to a minimum depth of thirty feet below the bottom of the void, and installing a minimum of twenty (20) feet of casing. Under no circumstance should the operator drill more than fifty (50) feet below the bottom of the void or install less than twenty (20) feet of casing below the bottom of the void.
2. Pursuant to 35 CSR 4-19.1.a, at the request of the surface owner all water wells or springs within 1000 feet of the proposed well that are actually utilized for human consumption, domestic animals or other general use shall be sampled and analyzed.
3. Pursuant to 35 CSR 4-19.1.c, if the operator is unable to sample and analyze any water well or spring with one thousand (1,000) feet of the permitted well location, the Office of Oil and Gas requires the operator to sample, at a minimum, one water well or spring located between one thousand (1,000) feet and two thousand (2,000) feet of the permitted well location.
4. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
5. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.
6. During the surface casing and cementing process, in the event cement does not return to the surface, or any other casing string that is permitted to circulate cement to the surface and does not return to the surface, the oil and gas inspector shall be notified within twenty-four (24) hours.
7. Well work activities shall not constitute a hazard to the safety of persons.
8. Operator shall provide the Office of Oil & Gas notification of the date that drilling commenced on this well. Such notice shall be provided by sending an email to DEPOOGNotify@wv.gov within 30 days of commencement of drilling.
9. 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.

4703502462

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WELL WORK PERMIT APPLICATION

1) Well Operator: Columbia Gas Transmission, LLC 307032 Jackson Ripley Ripley, WV
Operator ID County District Quadrangle

2) Operator's Well Number: Ripley 12413 3) Elevation: 812.8

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

5) Proposed Target Formation(s): Oriskany Proposed Target Depth: 5535

6) Proposed Total Depth: 5535 Feet Formation at Proposed Total Depth: Oriskany

7) Approximate fresh water strata depths: None reported by driller

8) Approximate salt water depths: None reported by driller

9) Approximate coal seam depths: None reported by driller SEP 08 2026

10) Approximate void depths, (coal, Karst, other): None reported by driller WV Department of Environmental Protection

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)

13) **CASING AND TUBING PROGRAM** * existing

TYPE	SPECIFICATIONS			FOOTAGE	INTERVALS	CEMENT
	Size	Grade	Weight per ft	For Drilling	Left in Well	Fill -up (Cu. Ft.)
Conductor						
Fresh Water	13-3/8	H-40	48		272	280 sx to surf
Coal	9-5/8	K-55	36		2575	450 sx to surf
Intermediate	7	N-80	23		5367	135 sx
Production	4-1/2	N-80	11.6		5505	90 sx
Production						
Production						

Packers: Kind: _____
Sizes: _____
Depths Set _____

09/25/2026

WW-2A
(Rev. 6-14)

1). Date: 08/17/26

2.) Operator's Well Number Riplev 12413

State	County	Permit
47-	035	- 02462

3.) API Well No.:

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 <u>Levi Gage Wolfe</u> Address <u>314 Evansview Rd</u> <u>Ripley WV 25271</u> (b) Name _____ Address _____ (c) Name _____ Address _____	5) (a) Coal Operator Name <u>Not operated</u> Address _____ (b) Coal Owner(s) with Declaration Name <u>Not operated</u> Address _____ Name _____ Address _____ (c) Coal Lessee with Declaration Name <u>Not operated</u> Address _____
6) Inspector <u>Joe Taylor</u> Address <u>122 Bath Rd</u> <u>Charleston, WV 25312</u> Telephone <u>304-380-7469</u>	SEP 08 2026 WV Department of Environmental Protection

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

x 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: Columbia Gas Transmission, LLC
By: Maria Medvedeva
Its: Senior Wells Engineer Storage Technical Services
Address: 1700 MacCorkle Ave SE
Charleston WV 25314-1273
Telephone: 304-410-4313
Email: maria_medvedeva@tcenergy.com

Subscribed and sworn before me this 17th day of August, 2026

Notary Public

My Commission Expires

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 09/25/2026

09/25/2026

Columbia Gas Transmission, LLC

1700 MacCorkle Ave., SE, Charleston, WV, USA 25314

2026, August 17th

Levi Gage Wolfe
314 Evansview Rd
Ripley, WV 25271

SEP 08 2026

Columbia Gas Transmission, LLC is applying for a permit to the WV Department of Environmental Protection – Office of Oil and Gas, to workover an existing underground natural gas storage well located on property owned by you. As reference, the field and well ID is Ripley 12413 (API 47-035-02462).

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

Regards,

Maria Medvedeva
Senior Wells Engineer
Well Engineering & Technology
Columbia Gas Transmission, LLC

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

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

Ripley, WV 25271

Certified Mail Fee \$5.55

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

☐ Return Receipt (hardcopy)	\$0.00
☐ Return Receipt (electronic)	\$0.00
☐ Certified Mail Restricted Delivery	\$0.00
☐ Adult Signature Required	\$0.00
☐ Adult Signature Restricted Delivery	\$0.00

Postage \$12.90

Total Postage and Fees \$23.10

Sent To Levi Gage Wolfe

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

City, State, ZIP+4® Ripley, WV 25271

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

7022 2410 0002 6396 3348

RECEIVED
OFFICE OF OIL AND GAS
SEP 08 2026
WV Department of Environmental Protection

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Levi Gage Wolfe
314 Evansview Rd
Ripley, WV 25271

2. Article Number (Transfer from service label)

7022 2410 0002 6396 3348

PS Form 3811, July 2020 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

☐ Agent
☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

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

3. Service Type

☒ Adult Signature
☐ Adult Signature Restricted Delivery
☐ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Insured Mail
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

Priority Mail Express®

USPS

AUG 21 2026

9590 9402 7630 2122 5686 13

09/25/2026

Domestic Return Receipt

WW-2A Surface Waiver
(4/16)

SURFACE OWNER WAIVER

County Jackson

Operator
Operator well number

Columbia Gas Transmission LLC
Ripley 12413

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

SEP 08 2026

Time Limits and methods for filing comments. The law requires these materials to be served on or before the date the operator files his Application. You have **FIFTEEN (15) DAYS** after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

The Chief has the power to deny or condition a well work permit based on comments on the following grounds:

- 1) The proposed well work will constitute a hazard to the safety of persons;
- 2) The soil erosion and sediment control plan is not adequate or effective;
- 3) Damage would occur to publicly owned lands or resources;
- 4) The proposed well work fails to protect fresh water sources or supplies;
- 5) The applicant has committed a substantial violation of a previous permit or a substantial violation of one or more of the rules promulgated under Chapter 22, and has failed to abate or seek review of the violation..."

If you want a copy of the permit as it is issued or a copy of the order denying the permit, you should request a copy from the Chief.

List of Water Testing Laboratories. The Office maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Chief to obtain a copy.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice and Application for a Well Work Permit on Form WW2-A, and attachments consisting of pages 1 through ____ including a work order on Form WW2-B, a survey plat, WW-9, and a soil and erosion plan, all for proposed well work on my surface land as described therein.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

FOR EXECUTION BY A NATURAL PERSON

FOR EXECUTION BY A CORPORATION, ETC.

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

09/25/2026

WW-2A Coal Waiver

COAL OPERATOR, OWNER, OR LESSEE WAIVER

* coal not operated

County JacksonOperator Columbia Gas Transmission LLCOperator's Well Number Ripley 12413

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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OFFICE OF OIL AND GAS

SEP 08 2026

WV Department of
Environmental Protection

WAIVER

The undersigned coal operator _____ / owner _____ / lessee _____ / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

FOR EXECUTION BY A NATURAL PERSON

FOR EXECUTION BY A CORPORATION, ETC.

Signature Date _____

Company
Name _____
By _____
Its _____

Date _____

Signature _____

Date _____

09/25/2026

WW-2A1
(Rev. 1/11)

Operator's Well Number Ripley 12413

**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
Starcher R C Heirs, et al	United Fuel Gas Company	Storage Lease - 41777	562-687

**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:

Columbia Gas Transmission, LLC
Maria Medvedeva
Senior Wells Engineer Storage Technical Services

09/25/2026

WW-2B1
(5-12)Well No. Ripley 12413West Virginia Department of Environmental Protection
Office of Oil and Gas

NOTICE TO SURFACE OWNERS

The well operator named below is preparing to file for a permit from the state to drill a new well. Before a well work permit can be filed with the Chief of the Office of Oil and Gas, the well operator is required to have given notice of the right to request water well or spring analytical testing. This notice shall be given to the owners or occupants of land which have a water well or spring being utilized for human consumption, domestic animals, or other general use and which is located within 1000 feet of the proposed well site.

With this form, the operator is giving you notice of your right to request analytical testing. The operator is required to sample and analyze the water wells or springs of all owners or occupants who request it. Therefore, if you wish to have your water well or spring tested, contact the operator named below.

All sampling shall be completed prior to drilling. Within thirty (30) days of the receipt of such sample analyses the operator shall submit the results to the Chief of the Office of Oil and Gas and to the owners or occupants who may have requested them.

Be advised, you have the right to sample and analyze any water supply at your own expense.

Listed below is the laboratory chosen by operator to perform analysis, and contractor chosen to collect sample.

Certified Laboratory Name _____
Sampling Contractor _____

SEP 08 2026

Well Operator Not applicable - existing underground natural gas storage well
Address _____

Telephone _____

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.

09/25/2026

WW-9
(5/16)

API Number 47 - 035 - 02462
Operator's Well No. Ripley 12413

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) Left Fork Sycamore Creek Quadrangle Ripley, 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: N/A

Will a synthetic liner be used in the pit? Yes ☐ No ☒ If so, what ml.? N/A

Proposed Disposal Method For Treated Pit Wastes:

- ☐ Land Application (if selected provide a completed form WW-9-GPP)
☒ Underground Injection (UIC Permit Number 34-167-23862)
☐ Reuse (at API Number _____)
☐ Off Site Disposal (Supply form WW-9 for disposal location)
☒ Other (Explain Mud Master 64054; Reserve Environmental Services (WMGR 123SW008)
Appalachian Water Services (WMGR 123SW001)

Will closed loop system be used? If so, describe: yes - steel flow line to tanks

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

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

Additives to be used in drilling medium? NaCl, biocide, soda ash, polymer, starch, CaCO3, KCl, HCl

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) N/A

-Landfill or offsite name/permit number? To be managed by Waste Management and US Ecology for disposal at permitted landfill

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.

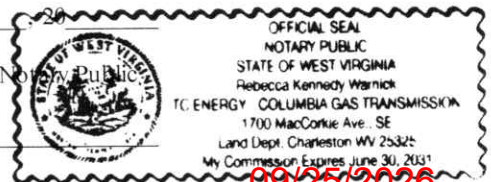
I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations 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) Maria Medvedeva
Company Official Title Senior Wells Engineer Storage Technical Services

Subscribed and sworn before me this 17th day of August 2026

My commission expires 6/30/31



Form WW-9

Operator's Well No. Ripley 12413Proposed Revegetation Treatment: Acres Disturbed < 1.0 Prevegetation pH 6-7Lime 2 Tons/acre or to correct to pH 7-8Fertilizer type 10-10-10Fertilizer amount 600 lbs/acreMulch hay or straw @ 2 Tons/acreSeed MixturesTemporaryPermanent

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

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.

SEP 08 2026

Plan Approved by: Joe Taylor

Comments: _____

Title: 006 TaylorDate: 8-25-26

Field Reviewed?

☒ Yes☐ No

09/25/2026

WW-9- GPP
Rev. 5/16

Page _____ of _____
API Number 47 - 035 - 02462
Operator's Well No. Ripley 12413

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): Left Fork Sycamore Creek

Quad: Ripley, WV

Farm Name: Robert Starcher

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

No fluids planned to be discharged. No fertilizer will be stored on site. Fuel, oil, and lubricants will be stored on site, but located within secondary containment. Accidental spills from construction equipment, well treatment fluids, and produced well fluids are the only possible source of contamination to groundwater. Drilling and flowback fluids to be stored in tanks. 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 and well servicing equipment will be monitored and inspected daily for leaks. Tanks to be monitored daily for leaks. Spill kits will be on site.

SEP 08 2026

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

Left Fork Sycamore Creek is at a distance of 0.64 miles SW.

WV Baptist Conference Center WV9918034 is the closest Well Head Protection Area at a distance of 4.74 miles SW from discharge area.

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

N/A

[Signature]
8-25-26

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

09/25/2026

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 and JSA meetings groundwater protection will be a topic of discussion.

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OFFICE OF OH and C
SEP 08 2026
WV Department of
Environmental Protection

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

No fertilizer will be stored on site. Fuel, oil, and lubricants will be stored on site, but located within secondary containment. Spills from construction equipment, well treatment fluids, and produced well fluids are the only possible source of contamination to groundwater.

All construction and well servicing equipment will be monitored and inspected daily for leaks or spills.

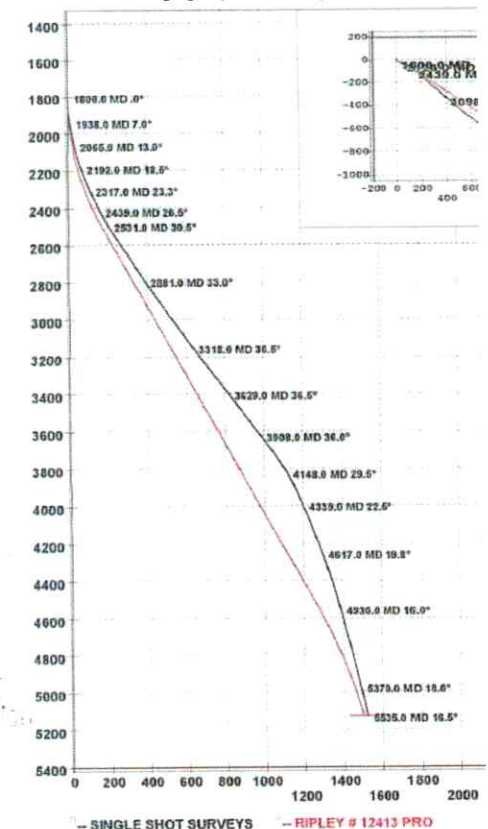
Signature: _____

Date: _____

09/25/2026

WELL JOB PLAN				STS Well Engineering & Technology				PAGE 1		DATE JOB PREPARED: 2/14/2025									
Objective: Deliverability Restoration Project								WORK TYPE:											
TITLE: HRVRT, reperf, CTO, refrac if needed								LEASE #: 41777											
FIELD: Ripley				WELL ID: 12413				API: 47-035-02462											
STATE: WV				SHL (Lat/ Long) 38.85227		-81.693135		CNTY: Kanawha											
DIST/TWP: Ripley				BHL (Lat/Long) 38.85227		-81.693135		WELLLINE #: X59W12413											
EXISTING TUBULAR CONFIGURATION		OD (inches)	WEIGHT (PPF)	GRADE	THREAD	DEPTH (ft) KB		FORMATION	NOTES	TOP TVD / MD	BOTTOM TVD / MD								
						TOP	BOTTOM												
Conductor								Salt Sand		1759 / 1759	1882 / 1882								
Surface		13 3/8	48.0	H-40		0	272	Big Lime		1893 / 1893	2022 / 2022								
Intermediate		9 5/8	36.0	K-55		0	2575	Injun		2055 / 2056	2083 / 2085								
Intermediate		7	23.0	N-80		0	5367	Sunbury		2483 / 2520	2508 / 2548								
Production		4 1/2	11.6	N-80		0	5505	Berea		2508 / 2548	2518 / 2560								
Tubing								Onondaga		4939 / 5333	5040 / 5442								
								Oriskany		5040 / 5442	5085 / 5489								
Perforations		Perfs @ 5443' - 49', 5453' - 64', 5467' - 70', and 5478' - 84'. 6 shot/ft density						Helderberg		5085 / 5489	not penetrated								
Wellhead		API 5k wellhead, 4-1/2" flow x 7" support, 4-1/2" 8 rd connection. 7" X 4-1/2" casing spool installed above csg head set on 9-5/8" csg.						TD		Projected 5130' TVD / 5535' MD									
CEMENT INFO								Calc TOC (ft)		ELEVATIONS (ft)									
13 3/8 Cmt'd w/ 280sx Class "A" (3% CaCl ₂ , 1/4 lb flocele), 35 bbl to surf.								0		KB-GL:									
9 5/8 450 sx of Mid-App 322 & 100 sx Class "A" (2% CaCl ₂ , 1/4lb flocele), 20bbl to surf.								0		KB-RF:									
7 Cmt'd w/ 135 sx Class "A" (10% salt, 0.75% Halad 344, 0.1% D-Air).								4440		GL:									
4 1/2 Cmt'd w/ 90 sks of Class "A" (10% salt, 1% gasstop, 0.2% D-Air).								4527											
MISC INFORMATION																			
REFER TO WELL SUMMARY RPT, WBD for Wellbore Schematic, ELOG, etc tabs in this workbook for additional information																			
Kill Fluid Calculation * Note that kill fluid calculation tabs are hidden Maximum calculated bottom-hole pressure (reference only): 1922 psig * input Maximum storage field surface pressure (MAOP): 1675 psig * input Well TD: 5130 ft TVD * input Top of storage zone: 5040 ft TVD * input Calculated maximum BH pressure at top of zone: 1907 psig * output Kill Fluid (TOZ) Kill fluid density at top of zone @: 200 psi OB 8.04 ppg * output Kill Fluid (TOZ) Proposed depth of BP: 5040 ft TVD * input Calculated maximum BH pressure at depth of BP: 1907 psig * output Kill Fluid (BP) Kill fluid density at depth of BP @: 200 psi OB 8.04 ppg * output Kill Fluid (BP) Required minimum kill fluid density: 8.1 ppg * greater of the two																			
Current AOF: 2,213 MCF/D Top historical AOF: 17,547 MCF/D Last MVRT: 12/128/2017 Baker HRVRT shows metal loss up to 23% - <table border="1" style="width: 100%;"> <tr><td>35'</td><td>23%</td></tr> <tr><td>249'</td><td>20%</td></tr> <tr><td>5092'</td><td>22%</td></tr> <tr><td>5191'</td><td>23%</td></tr> </table> SEP 08 2026 SBT: 7/14/21999 Baker 7" CBL shows - partial cement from 5390 to 5100, good partial cement to 4450, then free pipe. 7/21/199 Baker 4.5" CBL shows - good cement bond from 5464' to 5360', poor to 4522', then free pipe.												35'	23%	249'	20%	5092'	22%	5191'	23%
35'	23%																		
249'	20%																		
5092'	22%																		
5191'	23%																		
PROPOSED YEAR: 2027				ERCB PERMIT REQD: YES___ NO__X__				(Internal) PDS Required: YES___ NO___											
PREPARED BY: Maria Medvedeva				REVIEWED BY: James Amos				APPROVED: Brent Criser											
PREP DATE: 2/14/2025																			

DIRECTIONAL WELL PROFILE (as applicable)
 37 deg max MWD inclination, Western Atlas log indicated microdoglegs up to 64.5 deg at the toe



S-25-26

09/25/2026

WELL JOB PLAN		STS Well Engineering & Technology		PAGE 2	DATE JOB PREPARED: 2/14/2025
Objective: Deliverability Restoration Project					
TITLE: HRVRT, reperf, CTCO, refrac if needed				WORK TYPE:	
FIELD: Ripley	WELL: 12413				
STAT: WV	SHL (Lat/Long):	38.85227	-81.693135	API: 47-035-02462	
TWP: Ripley	BHL (Lat/Long):	38.85227	-81.693135	CNTY: Kanawha	
PROCEDURE					

NOTES: Per 2021 and 2022 well tests, well has dropped in significantly in deliverability.

Maintain communication with WVDEP Inspector during well operations to ensure compliance with WV Code.

- 1 Obtain State well work permit, 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. If required, notify State/Federal regulatory agencies prior to beginning work.
- 6 Disconnect well line.
- 7 Prepare access road and well site. Install ECD's per EM&CP.
- 8 Service all wellhead valves.
- 9 Document and report to WE&T the initial casing and annular pressures.
- 10 Close master valve and determine if wellhead cap can be removed.
- 11a If wellhead cap can be safely removed, then MIRU Baker Atlas. Run gauge ring, HRVRT inspection log.
- 11b If wellhead cap cannot be safely removed, then kill well through side valve. Once well is killed, MIRU Baker Atlas. Run gauge ring, HRVRT log.
- Request 1-day turnaround on HRVRT analysis. Condition of 4-1/2" casing will determine next steps. Consult with WE&T engineer before proceeding.**
- 12 Spot 1.75" CTU equipment (don't RU injector).
- 13 Pump 200 gals 15% HCl acid and 40 bbls TFW down 4-1/2" csg.
- 14 Re-perforate cemented 4-1/2" casing across Oriskany based on REG recommendations.
- 15 RDMO loggers.
- 16 RU CTU.
- 17 RI with jetting tool. At 5300' begin flowing well and jet to TD with foamed TFW. At TD begin foamed 15% HCl acid and wash across storage perms/interval until 1000 gals acid gone.
- 18 Flow well to dry and POOH.
- 19 RDMO CTU.
- 20 Perform final 45-min flowback test thru 3/4" choke. Record flow test in the FLOWTEST and GAS LOSS DATA SHEET.
- 21 **Optional: fracture stimulate based on REG recommendations.**
- Hydraulic isolation between bottom of 7" csg and 4-1/2" is suspect based on Bond Attenuation Log.**
- 22 Reconnect well line.
- 23 Notify WET Project Support that well is back in-service.
- 24 Reclaim R&L.
- 25 Commission well by completing, processing, and retain for records the Wellsite Review and Turnover Form.
- 26 Notify REG that well is ready for storage service.

All freshwater based fluids to be treated with biocide and clay stabilizer.
All acids to be treated with corrosion inhibitor and iron control.

RECEIVED
 FIELD OFFICE

SEP 08 2026

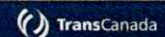
WV Department of
 Environmental Protection

[Signature]
 9-25-26

PREPARED BY: Maria Medvedeva	REVIEWED BY: James Amos	APPROVED: Brent Criser
PREP DATE: 2/14/2025		

09/25/2026

Last Updated: 4/26/2024 12:02 PM



Field Name		Lease Name		Well No.	
Ripley		Ripley - 12413		12413	
County		State		API No.	
Jackson		WV		47035024620000	
Version		Version Tag			
0		Current Completion			
G.L. (ft)	K.B. (ft)	Sec.	Township/Block	Range/Survey	
5,510.0	5,510.0		Ripley	031212413	
Operator		Well Status		Latitude	Longitude
TransCanada		ACTIVE		38.8523	-81.6931
Dist. N/S (ft)	N/S Line	Dist. E/W (ft)	E/W Line	Footage From	
PropNum		Spud Date		Comp. Date	
Robert Starcher		6/25/1999			
Additional Information					
Other1	Other2		Other3		Other4
Ripley	0312		031212413		
Prepared By		Updated By		Last Updated	
				4/26/2024 12:02 PM	

Hole Summary

Date	O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
6/26/1999	17.500	0	272	
7/5/1999	12.250	0	2,575	
7/13/1999	8.750	0	5,367	
7/17/1999	6.250	0	5,505	

Tubular Summary

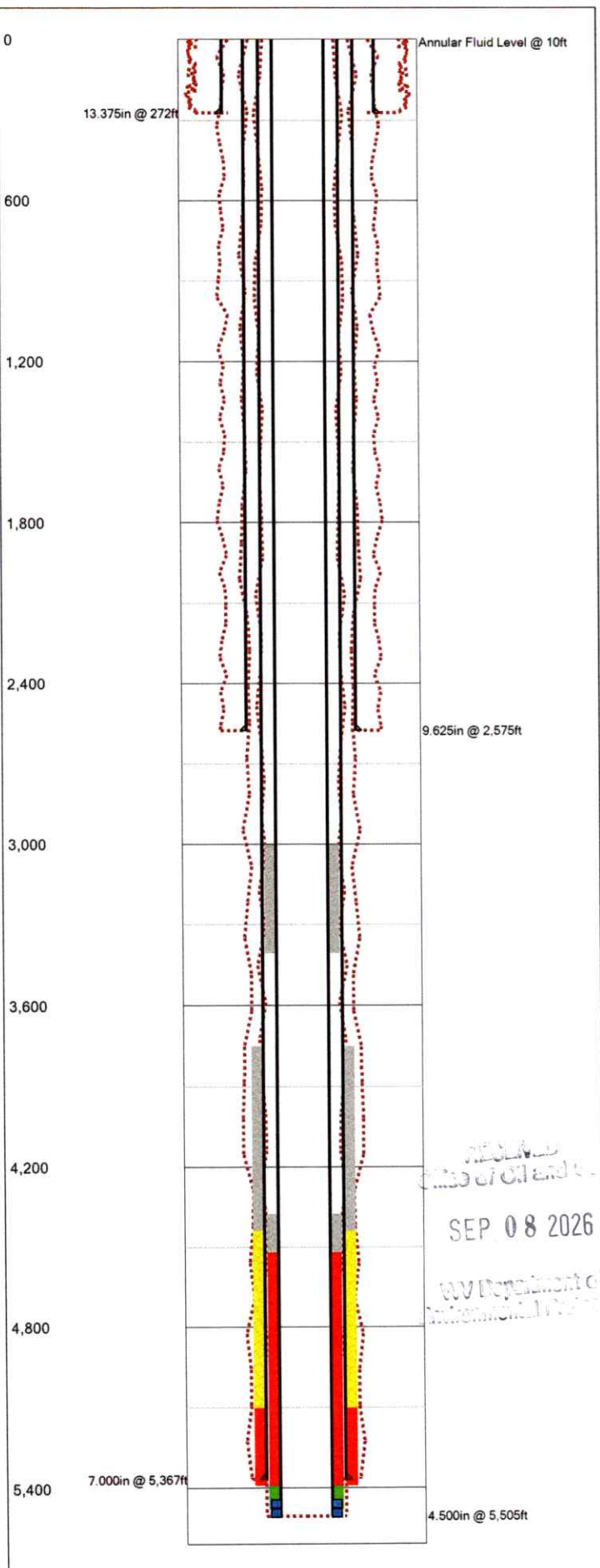
Date	Description	O.D. (in)	Wt (lb/ft)	Grade	Top (MD ft)	Bottom (MD ft)
6/26/1999	Casing	13.375	48.00	H-40	0	272
7/5/1999	Casing	9.625	36.00	K-55	0	2,575
7/13/1999	Casing	7.000	23.00	N-80	0	5,367
7/17/1999	Casing	4.500	11.60	N-80	0	5,505

Casing Cement Summary

C	Date	No. Sx	Csg. O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
	7/14/1999	0	7.000	3,750	4,440	Free Pipe
	7/13/1999	0	7.000	3,788	4,000	Free Pipe
	7/13/1999	0	7.000	4,260	4,440	Free Pipe
	7/14/1999	0	7.000	4,440	5,100	Partial Quality
	7/13/1999	0	7.000	4,440	5,310	Partial Quality
	7/14/1999	0	7.000	5,100	5,390	Poor Quality
	7/21/1999	0	4.500	3,000	3,404	Free Pipe
	7/21/1999	0	4.500	4,378	4,520	Free Pipe
	7/21/1999	0	4.500	4,520	5,392	Poor Quality
	7/21/1999	0	4.500	5,392	5,476	Good Quality

Perforation Summary

C	Date	Perf. Status	Formation	OA Top (MD ft)	OA Bottom (MD ft)
	7/23/1999	Open		5,443	5,449
	7/23/1999	Open		5,453	5,464
	7/23/1999	Open		5,467	5,470
	7/23/1999	Open		5,478	5,484



Directional well

Columbia Gas Transmission Corporation

IN SMWB

NOTICE OF STORAGE WELL STATUS CHANGE

FORWARD ORIGINAL ONLY TO STORAGE DEPARTMENT

Area St. Albans	Storage Field Ripley		Farm Name R.C. Starcher Heirs			
Company Well Number 12413	Township-District Ravenswood	County Jackson	State WV	Lease-Deed No. 41777	Acres 150	Effective Date 12/09/99
Last Active Well on Farm No	(This Block for Storage Department Use Only)					8/14/99
☐ Surrender Lease ☐ Renew Lease ☐ Other						
WELL STATUS PRIOR TO THIS REPORT	☐ STORAGE -ACTIVE ☐ STORAGE -SPECIAL ☐ STORAGE-OBSERVATION ☒ DRILLING ☐ ABANDONED ☐ PRODUCTION					
WELL STATUS CHANGE	☐ STORAGE -ACTIVE ☐ STORAGE -SPECIAL ☐ STORAGE-OBSERVATION ☒ NEW DRILL ☐ REDRILLED FOR STORAGE ☐ PLUGGED AND ABANDONED					
OR WORK PERFORMED	☐ SOLD ☐ PURCHASED FOR STORAGE ☐ OTHER (See Remarks)					
Remarks Drilled new directional storage well in the Oriskany Sandstone. Casing as follows: 13-3/8" 43#/ft H-40 @ 272' KB cemented to surface w/280 sx neat 9-5/8" 36#/ft K-55 @ 2575' md KB cemented to surface w/100 sx neat and 450 sx Mid App 7" 23#/ft N-80 @ 5367' md KB cemented w/ 135 sx neat 4-1/2" 11.6#/ft N-80 @ 5505' md KB TD at 5510' md KB Stimulated Oriskany w/ Deltafrac 621 bbls water 208mscf N2 37600# 20/40 sand Well work started 8/25/99 Well work complete 8/14/99						
NOTED BY: Reservoir Services Engineer: <i>J.V. McCallister</i> Storage Services Engineer: J.V. McCallister Field Services Investments: <i>J.V. McCallister</i> SM database changed by: Storage wellbook changed by: <i>J.V. McCallister</i>			Initials: JVS Initials: JVM Initials: JB Initials: J		Date: 10/2/00 Date: 12/09/99 Date: 12/15/99 Date:	
AUTHORIZATION FOR WORK PERFORMED	Classification: 51-107-01161-W22216-4441 Permit Number: 47-035-02462			Compiled By: J.V. McCallister Date: 12/09/99		

700 - 5040' KB

SEP 08 2026

SEP 08 2026

09/26/2026

WR-35

14-May-99

API # 47- 35-02462 T

State of West Virginia
Division of Environmental Protection
Section of Oil and Gas
Well Operator's Report of Well Work

Farm name: STARCHER, R.C.

Operator Well No.: 12413

LOCATION: Elevation: 828.00 Quadrangle: RIPLEY

District: RAVENSWOOD

County: JACKSON

Latitude: 8250 Feet South of 38 Deg. 52Min. 30 Sec.

Longitude 7475 Feet West of 81 Deg. 40 Min. 0 Sec.

Company: COLUMBIA GAS TRANSMISSION

P. O. BOX 1273

CHARLESTON, WV 25325-1273

Agent: RICHARD L. COTY

Inspector: HOMER DOUGHERTY

Permit Issued: 05/14/99

Well work Commenced: 6-23-99

Well work Completed: 8-2-99

Verbal Plugging

Permission granted on:

Rotary ☒ Cable _____ Rig _____

Total Depth (feet) 5510'

Fresh water depths (ft) _____

Salt water depths (ft) _____

Is coal being mined in area (Y/N)? No

Coal Depths (ft): Not Reported

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
13 3/8", 48 lb		272'	To SURFACE 280 SK NEAT
9 5/8", 36 lb		2575'	To SURFACE 450 SK MID APP 322 100 SK NEAT
7", 23 lb		5367'	135 SK NEAT
4 1/2", 11.6 lb		5505'	90 SK NEAT

OPEN FLOW DATA * STORAGE WELL - RATES AND PRESSURE VARY 5040' TVD - 5085' TVD

Producing formation DELSHANY Pay zone depth (ft) 5442' MD - 5489' MD

Gas: Initial open flow N/A MCF/d Oil: Initial open flow N/A Bbl/d

Final open flow N/A MCF/d Final open flow N/A Bbl/d

Time of open flow between initial and final tests N/A Hours

Static rock Pressure N/A psig (surface pressure) after N/A Hours

Second producing formation _____ Pay zone depth (ft) _____

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d

Final open flow _____ MCF/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ Hours

Static rock Pressure _____ psig (surface pressure) after _____ Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: COLUMBIA GAS TRANSMISSION CORP.

By: _____

Date: _____

09/25/2026

PERF'D CRISKANY 5413'-5484' w/ 6 SPF AND PUMPED
AN N₂-ASSIST DELTAFRAC TREATMENT USING 500 GALS 28%
HCl, 621 BBLs WATER, 208 MSEC N₂ AND 37,600 LBS 20/40 SAND.

"INSERT FORMATIONS HERE"

ATTACH DIRECTIONAL SURVEY

SEP 08 2026

SEP 08 2026

SEP 08 2026

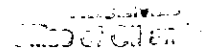
JP

Ripley well 12413

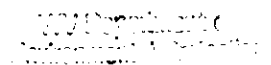
<u>FORMATION</u>	<u>TOP (TVD)</u> <u>TOP (MD)</u>	<u>BOTTOM (TVD)</u> <u>BOTTOM (MD)</u>
Salt Sands	1759	1882
	1759	1882
Big Lime	1893	2022
	1893	2022
Injun	2055	2083
	2056	2085
Sunbury	2483	2508
	2520	2548
Berea	2508	2518
	2548	2560
Onondaga	4939	5040
	5333	5442
Oriskany	5040	5085
	5442	5489
Helderberg	5085	Not Penetrated
	5489	Not Penetrated

TD

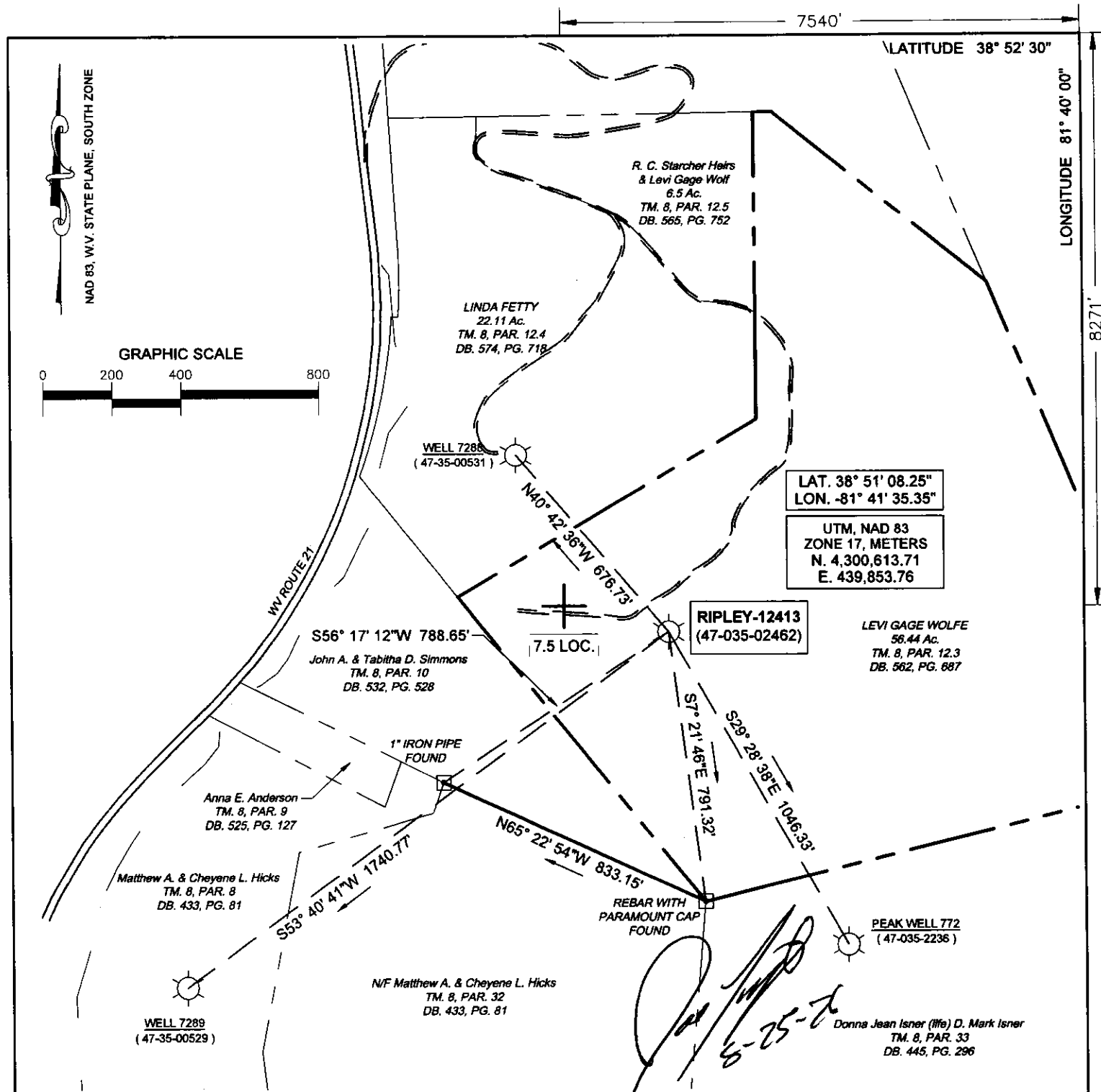
5510' (MD)

SEP 08 2026



09/25/2026



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

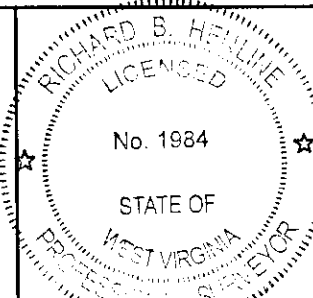
FILE No 2601-3079-001-007
DRAWING No. RIPLEY 12413
SCALE 1" = 400'
MINIMUM DEGREE OF
ACCURACY 1:200
PROVEN SOURCE OF
ELEVATION TRIMBLE R10
GPS UNIT

I THE UNDERSIGNED, HEREBY CERTIFY THAT
THIS PLAT IS CORRECT TO THE BEST OF MY
KNOWLEDGE AND BELIEF AND SHOWS ALL THE
INFORMATION REQUIRED BY LAW AND THE REGU-
LATIONS ISSUED AND PRESCRIBED BY THE
DIVISION OF ENVIRONMENTAL PROTECTION.

(SIGNED)

RICHARD B. HENLINE

PS #1984



STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS
NITRO, WV



DATE AUGUST 11 2026
OPERATOR'S WELL No. 12413
API WELL No.

WELL TYPE: OIL ☐ GAS ☒ LIQUID INJECTION ☐ WASTE DISPOSAL ☐
(IF "GAS") PRODUCTION ☐ STORAGE ☒ DEEP ☒ SHALLOW ☐
LOCATION: ELEVATION 812.8' WATER SHED LEFT FORK OF SYCAMORE CREEK
DISTRICT RIPLEY COUNTY JACKSON
QUADRANGLE RIPLEY, WV
SURFACE OWNER LEVI GAGE WOLFE ACREAGE 56.44
OIL & GAS ROYALTY OWNER STARCHER R.C. HEIRS ET. AL.
LEASE ACREAGE 237 LEASE NO. 41777 **09/25/2026**
PROPOSED WORK: DRILL ☐ CONVERT ☐ DRILL DEEPER ☐ REDRILL ☐ FRACTURE ☐
STIMULATE ☒ PLUG OFF OLD FORMATION ☐ PERFORATE NEW FORMATION ☐
OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG ☐
TARGET FORMATION ORISKANY ESTIMATED DEPTH 5510
WELL OPERATOR COLUMBIA GAS TRANSMISSION, LLC DESIGNATED AGENT MARIA MEDVEDEVA
ADDRESS PO BOX 1273, CHARLESTON, WV ADDRESS 1700 MACCORKLE AVE., S.E.
25325-1273 CHARLESTON, WV 25314

(RAVENSWOOD) mytopo
081° 42' 44.6511" W A Trimble Company

RIPLEY QUADRANGLE
WEST VIRGINIA
TOPOGRAPHIC SERIES (LIVERPOOL)

(SANDYVILLE)

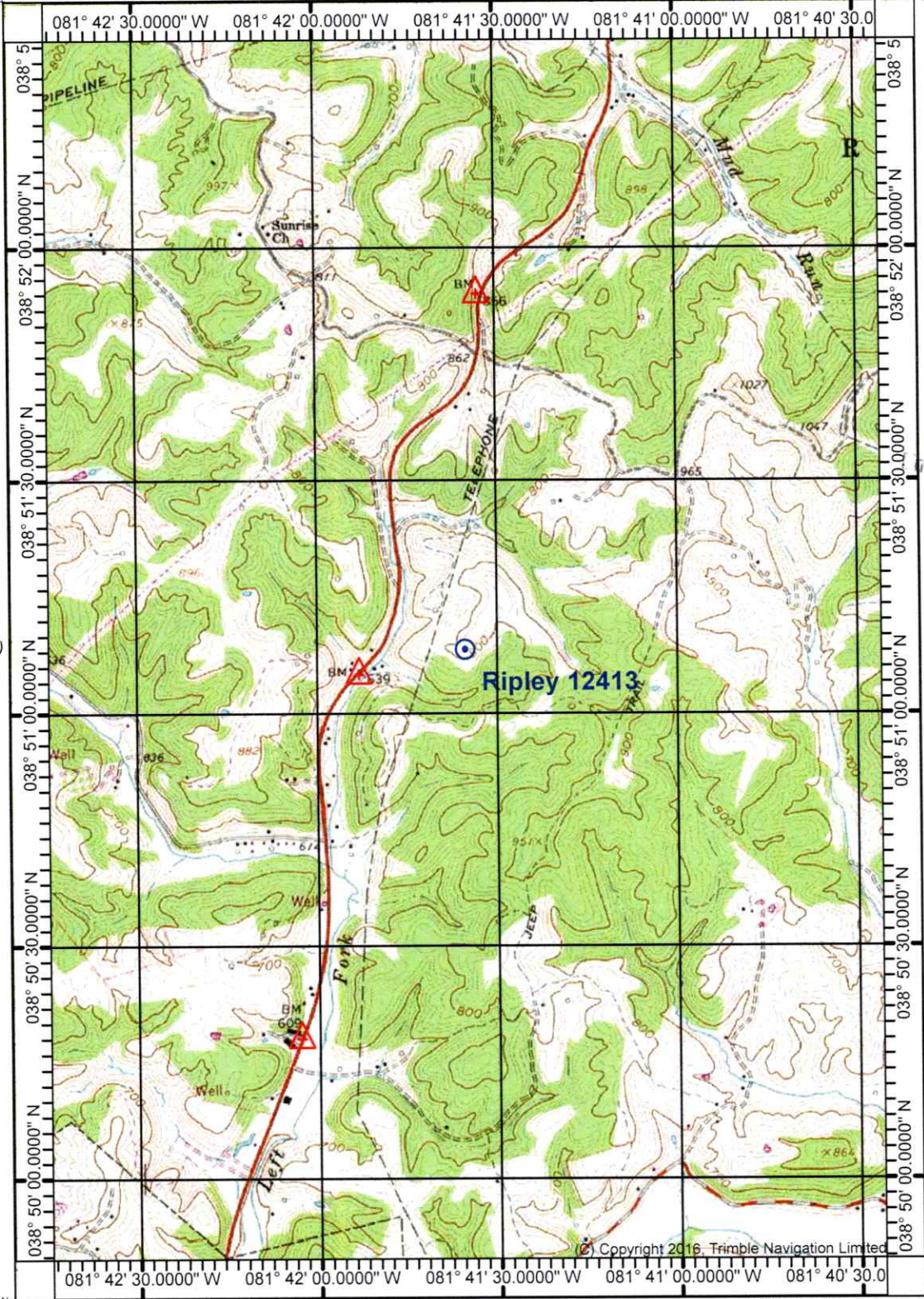
081° 40' 25.4003" W

038° 52' 26.8217" N

(COTTAGEVILLE)

(GAY)

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Office of Oil and Gas
SEP 08 2026
WV Department of
Environmental Protection



Copyright 2016, Trimble Navigation Limited

Printed: Mon Mar 09, 2026

(ELMWOOD)

(KENTUCK)

Produced by Trimble Terrain Navigator Pro
Topography based on USGS 1:24,000
Maps

North American 1983 Datum (NAD83)

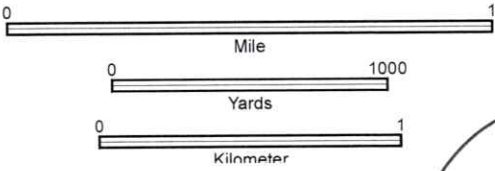
To place on the predicted North American
1927 move the projection lines 9M N and
13M E

Declination



GN 0.43° W
MN 7.80° W

SCALE 1:24000



CONTOUR INTERVAL 20 FT

38081-G5-TM-024
RIPLEY, WV
JAN 1, 1975

09/25/2026

[Handwritten signature]
8-25-76

WV DEP Reclamation Plan - Overview

Ripley well 12413 (API 47-035-02462)

- BMPs and erosion control devices to be utilized per WV DEP 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

Legend

 Ripley - 12413

Existing access road

Ripley - 12413

Google Earth

2000 ft

N

WV Department of
Environmental Protection
Office of Oil and Gas
SEP 08 2026

WV DEP Reclamation Plan - Overview

Ripley well 12413 (API 47-035-02462)

- BMPs and erosion control devices to be utilized per WV DEP 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

Legend

-  CWARY 12413
-  Ripley - 12413

Existing access road

Ripley - 12413

~0.9 acres

Limit of Proposed Disturbance
on existing well site

Google Earth

200 ft

N

08 2026

Columbia Gas Transmission, LLC

1700 MacCorkle Ave., SE, Charleston, WV, USA 25314



2026, September 8th

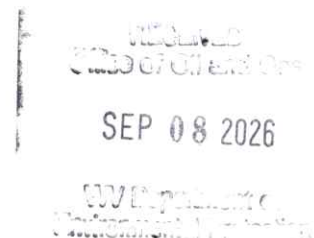
WV DEP – Office of Oil & Gas
601 57th Street, SE
Charleston, WV 25304-2345

Enclosed are well work permit applications for the following Columbia Gas Transmission existing storage wells:

Coco A 7077 (API 47-039-01236)
Coco B 7229 (API 47-039-01616)
Lanham 7126 (API 47-039-00264)
Ripley 7286 (API 47-035-00512)
Ripley 7301 (API 47-035-00526)
Ripley 7304 (API 47-035-00489)
Ripley 7344 (API 47-035-00918)
Ripley 12413 (API 47-035-02462)

Please email to address below, and return hardcopies of permits to:

Columbia Gas Transmission
1700 MacCorkle Ave SE
Charleston, WV 25314
Attn: Maria Medvedeva



If you have questions, feel free to call.

Regards,

A handwritten signature in blue ink, appearing to read "Maria Medvedeva", written over a large, stylized blue scribble.

Maria Medvedeva
Senior Wells Engineer
Well Engineering & Technology
Columbia Gas Transmission, LLC
Mob: 304-410-4313
maria_medvedeva@tcenergy.com

www.tcenergy.com

09/25/2026



Samples, Casey M <casey.m.samples@wv.gov>

TC Energy 2027 project programs for permitting

3 messages

Maria Medvedeva <maria_medvedeva@tcenergy.com>

Tue, Sep 8, 2026 at 11:58 AM

To: "Samples, Casey M" <casey.m.samples@wv.gov>

Cc: "McLaughlin, Jeffrey W" <jeffrey.w.mclaughlin@wv.gov>, Renae D Whitlock <renae.d.whitlock@wv.gov>

Good afternoon Casey,

The following projects are scheduled for the 2027 well workover program. The permit application fees are listed on the right side of the table and will need to be processed by credit card. Company and card information is listed below. Please give me a call when its convenient for you to process these payments. The permit packets have been dropped off at the front desk of the Charleston WVDEP Office of Oil and Gas just now.

Company – TC Energy (Legacy Columbia Gas Transmission)

Designated Agent – Maria Medvedeva

Billing Address – 1700 MacCorkle Ave SE, Charleston WV 25314

Contact Number – 304 – 410 – 4313

Contact email – maria_medvedeva@tcenergy.com

\$5,600

STORAGE FIELD	WELL NUMBER	CONCISE SCOPE	API Permit #	Amount for payment
Coco A	7077	HRVRT cased hole log, coil cleanout and acid stimulation, if needed frac openhole	47-039-01236-0000	\$800
Coco B	7229	Coil cleanout and acid stimulation	47-039-01616-0000	\$800
Lanham	7126	Plug and abandon OB well	47-079-00264-0000	Not required
Ripley	7286	FWW, coil cleanout and acid stimulation	47-035-00512-0000	\$800
Ripley	7301	Coil cleanout and acid stimulation, HRVRT cased hole log	47-035-00526-0000	\$800
Ripley	7304	Coil cleanout and acid stimulation	47-035-00489-0000	\$800
Ripley	7344	Freshwater wash, coil cleanout and acid stimulation	47-035-00918-0000	\$800
Ripley	12413	HRVRT cased hole log, reperforate, coil cleanout and acid stimulation, if needed refrac	47-035-02462-0000	\$800

Maria (Masha) Medvedeva

Senior Wells Engineer – Well Engineering & Technology

Gas Storage

maria_medvedeva@tcenergy.com

M: +1-304-410-4313



1700 MacCorkle Ave SE
Charleston, WV 25314

TCEnergy.com

TC Energy
maria – medvedeva @tcenergy.com
304-410-4313

09/25/2026

Casey,

Good afternoon, \$150 of each fee will go to the funding below:

3322/9254/6869/0000

The remainder of each fee will go to the funding below:

3323/9280/6869/0000

Thank you,

Renae

[Quoted text hidden]

\$5600
total

\$1050

3322-0000-0313-9254-6869-0000

\$4550

3323-0000-0313-9280-6869-0000

WV Dept of Env. Prot.
601 57th St SE
Charleston, WV 25304
304-926-0499

WV Dept of Env. Prot.
601 57th St SE
Charleston, WV 25304
304-926-0499

SALE

REF#: 00000033
Bank ID: 000000
Batch #: 1549 RRN: 751313650752
09/08/26 14:05:53
AVS: Z CVC: M
Invoice #: WELLS

APPR CODE: 09289S
VISA Manual CP
*****4694 **/**

AMOUNT \$2,800.00

APPROVED

SIGNATURE NOT REQUIRED

I AGREE TO PAY ABOVE TOTAL AMOUNT
IN ACCORDANCE WITH CARD ISSUER'S
AGREEMENT
(MERCHANT AGREEMENT IF CREDIT VOUCHER)
RETAIN THIS COPY FOR STATEMENT
VERIFICATION

Thank You
Please Come Again

MERCHANT COPY

SALE

REF#: 00000032
Bank ID: 000000
Batch #: 1549 RRN: 251039550709
09/08/26 14:05:09
AVS: Z CVC: M
Invoice #: WELL

APPR CODE: 04647S
VISA Manual CP
*****4694 **/**

AMOUNT \$2,800.00

APPROVED

SIGNATURE NOT REQUIRED

I AGREE TO PAY ABOVE TOTAL AMOUNT
IN ACCORDANCE WITH CARD ISSUER'S
AGREEMENT
(MERCHANT AGREEMENT IF CREDIT VOUCHER)
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Thank You
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09/25/2026