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west virginia department of environmental protection

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

Harold D. Ward, Cabinet Secretary  
[www.dep.wv.gov](http://www.dep.wv.gov)

Thursday, September 19, 2024  
WELL WORK PLUGGING PERMIT  
Vertical Plugging

COLUMBIA GAS TRANSMISSION, LLC  
1700 MACCORKLE AVENUE SE

CHARLESTON, WV 25314

Re: Permit approval for RIPLEY 7297  
47-035-00495-00-00

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.

James A. Martin  
Chief

Operator's Well Number: RIPLEY 7297  
Farm Name: STONE,STEPHEN & DEBORAH  
U.S. WELL NUMBER: 47-035-00495-00-00  
Vertical Plugging  
Date Issued: 9/19/2024

## 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.

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### CONDITIONS

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1. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
2. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.
3. Well work activities shall not constitute a hazard to the safety of persons.
4. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing.

1) Date 08/19, 2024  
2) Operator's Well No. Ripley 7297  
3) API Well No. 47-035 - 00495

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 X / Shallow \_\_\_

5) Location: Elevation 604.4' Watershed Sandy Creek  
District Ravenswood County Jackson Quadrangle Sandyville, WV

6) Well Operator Columbia Gas Transmission LLC 7) Designated Agent Maria Medvedeva  
Address 1700 MacCorkle SE Address 1700 MacCorkle SE  
Charleston, WV 25314 Charleston, WV 25314

8) Oil and Gas Inspector to be notified Name Joe Taylor  
Address 1478 Claylick Road  
Ripley, WV 25271  
9) Plugging Contractor Name Next Lvl Energy, LLC  
Address 736 W Ingomar Rd, Units 268  
Ingomar, PA 15127-6613

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

Refer to enclosed:

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

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

Work order approved by inspector J. Scott Roddehorst Date 9/19/24  
for Doug Newlon

09/20/2024

Objective: Plug and Abandon

| TITLE: Plug and Abandon        |   | WELL ID: 7297                      |       | SHL (Lat/ Long) 38.890073 -81.685883 |            | BHL (Lat/Long) 38.890073 -81.685883 |  |
|--------------------------------|---|------------------------------------|-------|--------------------------------------|------------|-------------------------------------|--|
| FIELD: Ripley                  |   | STATE: WV                          |       | DIST/TWP: Ravenswood                 |            | WELLLINE #: X59W7297                |  |
| EXISTING TUBULAR CONFIGURATION | OD (inches)   | WEIGHT (PPF)                       | GRADE | THREAD                               | DEPTH (ft) |                                     |  |
| Conductor                      | 16  |                                    |       |                                      | TOP        | BOTTOM                              |  |
| Surface                        |   |                                    |       |                                      | 0          | 15                                  |  |
| Intermediate                   | 8 5/8   | 24                                 |       |                                      | 0          | 1922                                |  |
| Intermediate                   | 7   | 22                                 |       |                                      | 0          | 4680                                |  |
| Production                     | 4 1/2   | 12.6                               | J-55  |                                      | 0          | 4716                                |  |
| Production                     | 4 1/2   | Packer                             |       |                                      | 4716       | 4718                                |  |
| Production                     | 4 1/2   | slotted/perforated anchor/tailpipe |       |                                      | 4718       | 4780                                |  |
| Tubing                         | 2 3/8   | 4.70                               | L-80  |                                      | 935        | 4819                                |  |
| Wellhead                       | 9/28/2022 : new casing head. Set back existing API 5k wellhead after cementing tubing in. There is change over flange and 2in valve on top of well right now. |                                    |       |                                      |            |                                     |  |

|                    |                                   |
|--------------------|-----------------------------------|
| WORK TYPE:         |                                   |
| LEASE #:           | 52756                             |
| API:               | 47-035-00495                      |
| CNTY:              | Jackson                           |
| FORMATION:         | refer to MISC INFORMATION section |
| PAY:               |                                   |
| TD:                | 4834                              |
| PBTD:              |                                   |
| KB-GL:             |                                   |
| CSG                | DEPTH                             |
| ELEVATIONS         |                                   |
| TMG:               |                                   |
| KB-RF:             |                                   |
| GL:                |                                   |
| WELLBORE SCHEMATIC |                                   |

Refer to "Wellbore Diagram" tab

| D.H. EQUIPMENT       |  | TYPE  | DEPTH (ft) |
|----------------------|--|-------|------------|
| PACKER INFO:         |  | Upper |            |
|                      |  | Lower |            |
| NIPPLE PROFILE INFO: |  | Upper |            |
|                      |  | Lower |            |
| SSSV INFO:           |  |       |            |

| CEMENT INFO |  | TOC (ft) |
|-------------|--|----------|
| 8 5/8       | 20 sx poured down annulus from surface   | unknown  |
| 7           | 66 sx poured down annulus from surface   | unknown  |
| 4 1/2       | 299 sx poured down annulus from surface. Per Nov.2021 CBL cemented to or near surface  |          |
| 2 3/8       | Pumped 53 bbls of class A cement, during displacement, wiper plug locked up, recovered 5 jnts. Cemented in tubing from 935' below ground level | 935      |

MISC INFORMATION

**REFER TO WELL SUMMARY RPT, WELLBORE DIAGRAM, ELOG, ETC.** (see spreadsheet tabs below)

|   |            |   |                           |
|---|------------|---|---------------------------|
| <b>Kill Fluid Calculation</b>                                 |            | <i>* Note that kill fluid calculation tabs are hidden</i> |                           |
| Maximum calculated bottom-hole pressure (for reference only): | 1925       | psig  | * input                   |
| Maximum storage field surface pressure (MAOP):                | 1675       | psig  | * input                   |
| Well TD:  | 4834       | ft TVD  | * input                   |
| Top of storage zone:  | 4780       | ft TVD  | * input                   |
| Calculated maximum BH pressure at top of zone:                | 1895       | psig  | * output Kill Fluid (TOZ) |
| Kill fluid density at top of zone @:                          | 8.23       | ppg   | * output Kill Fluid (TOZ) |
| Proposed depth of BP (N/A):                                   | 4780       | ft TVD  | * input                   |
| Calculated maximum BH pressure at depth of BP:                | 1895       | psig  | * output Kill Fluid (BP)  |
| Kill fluid density at depth of BP @:                          | 8.23       | ppg   | * output Kill Fluid (BP)  |
| <b>Required minimum kill fluid density:</b>                   | <b>8.3</b> | ppg   | * greater of the two      |

|                     |   |
|---------------------|---|
| Current AOF:        | - MCF/D   |
| Top historical AOF: | 61,642 MCF/D  |
| Last MVRT:          | 2020 HRVRT indicates all class 1 casing   |
| SBT:                | 1999 CBL indicates cmt strung out from TLI 650 to BLI 4788. Log indicates 30' interval of decent cmt bond b/w btm of 7" csg and 4-1/2" packer, which should be adequately sealing Oriskany zone. 11/30/2021 CBL shows cmt at 0 250', ratty to 1000' bottom logged interval. |

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Department of Environmental Protection

|                |                 |                   |                    |                          |                |
|----------------|-----------------|-------------------|--------------------|--------------------------|----------------|
| PROPOSED YEAR: | 2025            | ERCB PERMIT REQD: | YES ___ NO ___X___ | (Internal) PDS Required: | YES ___ NO ___ |
| PREPARED BY:   | Maria Medvedeva | DT. APPLIED:      | ISSUED:            | APPROVED:                | Brent Criser   |
| REP DATE:      | 4/10/2024       | REVIEWED BY:      | James Amos         |                          |                |

|                                |  |                          |                              |
|--------------------------------|--|--------------------------|------------------------------|
| <b>WELL JOB PLAN</b>           | <b>STS Well Engineering &amp; Technology</b> | PAGE 2                   | DATE JOB PREPARED: 4/10/2024 |
| Objective: Plug and Abandon    |  | LAST PROFILE UPDATE:     |                              |
| <b>TITLE:</b> Plug and Abandon | <b>WORK TYPE:</b>                            |                          | 0                            |
| <b>FIELD:</b> Ripley           | <b>WELL:</b> 7297                            |                          |                              |
| <b>STAT:</b> WV                | <b>SHL (Lat/Long):</b> 38.890073 -81.685883  | <b>API:</b> 47-035-00495 |                              |
| <b>TWP:</b> Ravenswood         | <b>BHL (Lat/Long):</b> 38.890073 -81.685883  | <b>CNTY:</b> Jackson     |                              |

**PROCEDURE**

*NOTE: Cement used will be API Class A, slurry weight 15.6ppg, slurry yield 1.18 cuft/sk or API Class L, slurry weight 15.6ppg, slurry yield 1.14 cuft/sk, as per the approved WVDEP Variance Order No.2022-13. All spacers will be 6% Bentonite gel. Had downhole failure while cementing 2-3/8" tbg in 2022, 4-1/2" x 2-3/8" and inside of 2-3/8" are cemented up to 935' below GL.*

- 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 environmental inspector prior to beginning work. If required, notify State/Federal regulatory agencies prior to beginning work.
- 5 Prepare access road and well site. Install ECD's per EM&CP.
- 6 Document and report to WE&T the initial casing and annular pressures. *Note: well is cemented in up to 935' below GL.*
- 7 Blow down annuli and leave open to atmosphere for monitoring.
- 8 Top off top well and annuli. Should have TFW in the hole now. Document volumes.
- 9 Dig around base of wellhead to uncover casing tops and remove cement if present.
- 10 MIRU service rig.
- 11 RIH with workstring and install cement plug from top of cemented tubing at 935' to surface.
- 12 Grout all annuli as deep as possible.
- 13 RDMO service rig.
- 14 Erect monument per state regulations. Reclaim location and lease road.
- 15 P&A complete.
- 16 Notify REG / WE&T that well is back in-service.

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|                                     |                                |                               |
|-------------------------------------|--------------------------------|-------------------------------|
| <b>PREPARED BY:</b> Maria Medvedeva | <b>REVIEWED BY:</b> James Amos | <b>APPROVED:</b> Brent Criser |
| <b>PREP DATE:</b> 4/10/2024         |                                |                               |



~ not to scale ~

Sea Level @ 601 ft

Fresh Water shows  
108 (1bbl/hr) and 730' (1bbl/hr)

Sand 1190 - 1250  
Salt water show at 1195'

Big Lime 1616 - 1770'

Berea 2260 - 2263'

Light grey and hashed fill indicates  
originally placed cement.

Dark grey fill indicates cement pumped  
during the workover 09/2022.

Darkest grey fill indicates cement to be  
placed during P&A

Onondaga Lime 4879 - 4787'

Oriskany 4787 - 4808  
(gas storage)

TD 6-1/8" 4808'

TD 3-3/4" 4834'

16" 42.5# csg @ 15'  
(no record of cement)

13-3/8" csg ran / pulled  
(casing seat at 500')

10-3/4" csg ran / pulled  
(casing seat at 1100')

8-5/8" 24# csg @ 1922'  
- 20 sxs poured down annulus from surface.  
Unknown cement depth, but most likely full of  
stringers and strung out at / near surface

2-3/8" 4.7# L-80 tbg @ 4653'  
- Landed tubing at 4819'  
- During cement displacement, locked up pumping with  
wiper plug released, 53 bbls Class A cement pumped.  
- Tripped 5 joints tubing out (165') - wiper plug found in  
middle of a joint. Unable to circulate, cemented in tubing.  
- Tightened connections and backed off / pulled 29 more  
joints out of well (935'). All joints fully cemented inside.  
- Ran impression block. Tubing connection box not  
observed in impression. Backed off right at or slightly  
below TOC, 935' below GL.

7" 22# csg @ 4680'  
- 66 sxs cement poured down annulus from surface.  
Unknown cement depth, but most likely full of  
stringers and strung out at / near surface

4-1/2" 12.6# csg @ 4780'  
- Packer set @ 4716', Slotted Pipe 4718 - 4780'  
- 299 sxs cement poured down annulus from surface.  
- 07/27/1999 CBL log indicates cement strung from top  
logged interval of 550' to 4788'. A 30' good cement interval,  
4700 - 4730', observed below 7" csg by 4-1/2" packer,  
isolating the Oriskany gas storage zone.  
- 11/30/2021 CBL shows cement at 0 - 250', ratty to 1000  
bottom logged interval.

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~ not to scale ~

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joints out of well (935'). All joints fully cemented inside.  
- Ran impression block. Tubing connection box not  
observed in impression. Backed off right at or slightly  
below TOC, 935' below GL.

7" 22# csg @ 4680'  
- 66 sxs cement poured down annulus from surface.  
Unknown cement depth, but most likely full of  
stringers and strung out at / near surface

4-1/2" 12.6# csg @ 4780'  
- Packer set @ 4716', Slotted Pipe 4718 - 4780'  
- 299 sxs cement poured down annulus from surface.  
- 07/27/1999 CBL log indicates cement string from top  
logged interval of 550' to 4788'. A 30' good cement interval,  
4700 - 4730', observed below 7" csg by 4-1/2" packer,  
isolating the Oriskany gas storage zone.  
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bottom logged interval.

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WR-35  
Rev. 8/23/13

State of West Virginia  
Department of Environmental Protection - Office of Oil and Gas  
Well Operator's Report of Well Work

API 47 - 035 - 00495 County Jackson District Ravenswood  
 Quad Sandyville, WV Pad Name Ripley Field/Pool Name Ripley  
 Farm name Stone & Heatherington Well Number 7297  
 Operator (as registered with the OOG) Columbia Gas Transmission LLC  
 Address 1700 MacCorkle Ave SE City Charleston State WV Zip 25314

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey  
 Top hole Northing \_\_\_\_\_ Easting \_\_\_\_\_  
 Landing Point of Curve Northing Not applicable Easting \_\_\_\_\_  
 Bottom Hole Northing \_\_\_\_\_ Easting \_\_\_\_\_

Elevation (ft) 604.4 GL Type of Well  New  Existing Type of Report  Interim  Final  
 Permit Type  Deviated  Horizontal  Horizontal 6A  Vertical Depth Type  Deep  Shallow  
 Type of Operation  Convert  Deepen  Drill  Plug Back  Redrilling  Rework  Stimulate  
 Well Type  Brine Disposal  CBM  Gas  Oil  Secondary Recovery  Solution Mining  Storage  Other \_\_\_\_\_  
 Type of Completion  Single  Multiple Fluids Produced  Brine  Gas  NGL  Oil  Other \_\_\_\_\_  
 Drilled with  Cable  Rotary

Drilling Media Surface hole  Air  Mud  Fresh Water Intermediate hole  Air  Mud  Fresh Water  Brine  
 Production hole  Air  Mud  Fresh Water  Brine

Mud Type(s) and Additive(s)  
 Not applicable. Job scope was to repair a 4-1/2" x 7" shallow casing leak by drilling rathole, running and cementing an inner 2-3/8" tubing.  
 Due to downhole failure while pumping cement job, inadvertently cemented string on inside. Pulled all free tubing, found TOC at 935'.  
 Plan forward is to submit for a plug and abandonment permit, plug well to surface.

Date permit issued 07/07/2022 Date drilling commenced N/A Date drilling ceased N/A  
 Date completion activities began N/A Date completion activities ceased N/A  
 Verbal plugging (Y/N) N/A Date permission granted N/A Granted by N/A

Please note: Operator is required to submit a plugging application within 5 days of verbal permission to plug

Freshwater depth(s) ft None reported by driller when drilled Open mine(s) (Y/N) depths N  
 Salt water depth(s) ft None reported by driller when drilled Void(s) encountered (Y/N) depths N  
 Coal depth(s) ft None reported by driller when drilled Cavern(s) encountered (Y/N) depths N  
 Is coal being mined in area (Y/N) N

Reviewed by:

09/20/2024



WEST VIRGINIA DEPARTMENT OF MINES  
OIL & GAS DIVISION  
W & L LARRY U. O. R. D.

Permit No. 7as. 495  
Ripley N.W. Quad.  
Company  
Address  
Farm  
Location  
Well No.  
District  
Surface  
Mineral  
Commenced  
Completed  
Not shot  
Open flow  
Volume  
Rock Pressure  
Fresh Water  
Salt Water

United Carbon Company  
Box 1913, Charleston 27, W.Va.  
W.E. Hupp et al Acres 164.34  
Mud Run of Sandy Creek  
2 ( 1220) Elev. 615.2 Cr.  
Ravenswood Jackson County  
W.E. Hupp et al, Sandville, W.Va.  
Same  
Sept. 10, 1945  
Dec. 4, 1945

Gas Well  
CASINO & TUBING

16 15 15  
19 3/8 509  
108 1100  
8 5/8 1928 1928  
7 00 4609 4609  
2 3/8 4706'9 4788'9  
CASINO CEMENTED:  
6 5/8 1192' 10-21-45  
7 00 22# 4619' 11-25-45

32/10ths W in 7" 22#  
9,005,000 C.F.  
1360 lbs. 23 hrs.  
608 l BPH; 730' l BPH (salt water); 100' H.F.  
1193' H.F.

|                    |      |      |
|--------------------|------|------|
| Surface            | 0    | 15   |
| Red Rock           | 15   | 90   |
| Sand               | 90   | 125  |
| Red Rock           | 125  | 175  |
| Slate & Shells     | 175  | 320  |
| Red Rock           | 320  | 360  |
| Sand               | 360  | 380  |
| Slate              | 380  | 400  |
| Red Rock           | 400  | 430  |
| Sand               | 430  | 480  |
| Slate              | 480  | 565  |
| Sand               | 565  | 600  |
| Slate              | 600  | 725  |
| Sand               | 725  | 745  |
| Slate              | 745  | 785  |
| Sand               | 785  | 800  |
| Slate              | 800  | 883  |
| Sand               | 883  | 1015 |
| Slate              | 1015 | 1125 |
| Sand               | 1125 | 1175 |
| Slate              | 1175 | 1190 |
| Sand               | 1190 | 1250 |
| Slate              | 1250 | 1350 |
| Sand               | 1350 | 1400 |
| Slate              | 1400 | 1460 |
| Sand               | 1460 | 1616 |
| Pie Line           | 1616 | 1770 |
| Injun Sand         | 1770 | 1674 |
| Slate Freat        | 1674 | 1922 |
| Sand               | 1922 | 1922 |
| Slate & Shells     | 1922 | 2250 |
| Shale Brown        | 2250 | 2250 |
| Carbon Shell       | 2250 | 2273 |
| Slate & Shells     | 2273 | 3400 |
| Shale Brown        | 3400 | 3540 |
| Slate & Shells     | 3540 | 3740 |
| Shale Brown        | 3740 | 4025 |
| Slate White        | 4025 | 4430 |
| Shale Brown        | 4430 | 4679 |
| Fossiliferous Lime | 4679 | 4707 |
| Crystalline Sand   | 4707 | 4800 |
| TOTAL DEPTH        |      | 4800 |

Ripley  
#17297

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On 4706' 9,000 C.F.

7397 -  
Ripley  
F20057

WEST VIRGINIA DEPARTMENT OF MINES  
OIL & GAS DIVISION  
WELL RECORD

Ripley  
7297

Permit No. Pac. 475  
Ripley N.W. Quad.

Company  
Address  
Farm  
Location  
Well No.  
District  
Surface  
Mineral  
Commented  
Completed  
Not shot  
Open flow  
Volume  
Rock Pressure  
Fresh Water  
Salt Water

United Carbon Company  
Box 1913, Charleston 27, W.Va.  
W.E. Hupp et al Acres 164.34  
Mad Run of Sandy Creek  
2 (1220) Elev. 615.2 Gr.  
Ravenswood Jackson County  
W.E. Hupp et al, Sandyville, W.Va.

Sept. 10, 1948  
Dec. 4, 1948

32/10 1/2 in 7" 22#  
9,005,000 G.P.  
1360 lbs. 23 hrs.  
808 1 MPH; 730" 1 MPH (salt water);  
1195' H.F.

Gas Well  
CASINO & TUBING

26 15 15  
13 3/8 309  
108 1100  
9 5/3 1928 1928  
7 00 4609 4669  
2 3/8 4786'9 4786'9

CASINO CEMENTED:  
8 5/8 1192' 10-21-48  
7 00 228 4619' 11-25-48

|                    |       |            |
|--------------------|-------|------------|
| Surface            | 0     | 15         |
| Red Rock           | 15    | 90         |
| Sand               | 50    | 125        |
| Red Rock           | 125   | 175        |
| Slate & Shells     | 175   | 320        |
| Red Rock           | 320   | 360        |
| Sand               | 350   | 360        |
| Slate              | 350   | 400        |
| Red Rock           | 400   | 430        |
| Sand               | 430   | 400        |
| Slate              | 480   | 585        |
| Sand               | 565   | 600        |
| Slate              | 600   | 725        |
| Sand               | 725   | 725        |
| Slate              | 745   | 785        |
| Sand               | 795   | 800        |
| Slate              | 800   | 963        |
| Sand               | 963   | 1015       |
| Slate              | 1015  | 1125       |
| Sand               | 1125  | 1175       |
| Slate              | 1175  | 1190       |
| Sand               | 1190  | 1350       |
| Slate              | 1270  | 1350       |
| Sand               | 1350  | 1400       |
| Slate              | 1400  | 1480       |
| Sand               | 1400  | 1616       |
| Big Lime           | 1616  | 1770       |
| Inj. Sand          | 1770  | 1874       |
| Slate Break        | 1874  | 1961       |
| Sand               | 1961  | 1972       |
| Slate & Shells     | 1922  | 2250       |
| S. L. Brown        | 2258  | 2260       |
| Blue Shell         | 2268  | 2263       |
| Slate & Shells     | 2203  | 3450       |
| Slate Brown        | 3460  | 3540       |
| Slate & Shells     | 3540  | 3740       |
| Slate Brown        | 3748  | 4025       |
| Slate White        | 4025  | 4430       |
| Slate Brown        | 4400  | 4679       |
| Carboniferous Lime | 4679  | 4727       |
| Triassic Sand      | 4737  | 4800       |
| Gas                | 4739' | 9,005 G.P. |
|                    | 1000  |            |

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Environmental Protection

09/20/2024

F2057

200

52820



WORK ORDER

ORDER NO. 4427      BUDGET NO. 764      WORK ORDER NO. 7715  
 DATE July 11, 1954      DATE ISSUED 7-28-54  
 COMPANY United Fuel Gas Company      DEPT. Storage      DISTRICT Clendenin  
 PROPOSED WORK Recondition Well X-59-7297 and Install Heavier Equipment  
 KNOWN AS Well X-59-7297 - Additions      NO. \_\_\_\_\_  
 PURPOSE AND NECESSITY To clean well out and install heavier equipment due to well being purchased for storage in pool X-59  
 LOCATION Well X-59-7297      Baywood      Rural      Jackson      West Virginia  
DISTRIBUTION PLANT      INDUSTRIAL DISTRICT      TAXING DISTRICT      COUNTY      STATE  
 RELATED PROJECT WORK ORDER NO. 7714      FOR Well X-59-7297 - Part Removal  
 APPROVED BY J. W. Graham      APPROVED BY J. H. Kime

| MATERIAL TO BE INSTALLED                        |       | PRICE      | ESTIMATE |           | ACTUAL   |        | VARIATION |
|---|-------|------------|----------|-----------|----------|--------|-----------|
|   |       |            | QUANTITY | AMOUNT    | QUANTITY | AMOUNT |           |
| Steel Tubing 12.6#                              | 1.06  | 4-1/2"     | 4808'    | 5,096.00  |          |        |           |
| Well & Anchor Packer                            |       | 4"x7"      | 1        | 175.00    |          |        |           |
| Orbit Gate Valve - Comp.                        |       | 4"         | 1        | 510.00    |          |        |           |
| Word Fig. 2349 P. Valve - Comp.                 |       | 4"         | 1        | 365.00    |          |        |           |
| Welded Tee                                      |       | 4"         | 1        | 13.00     |          |        |           |
| W/N Flanges Ser. 90                             | 25.00 | 1"         | 8        | 200.00    |          |        |           |
| Centralized Casing                              | 28.00 | 4"x7"      | 6        | 168.00    |          |        |           |
| Anchor Clamp Tubing                             |       | 4"         | 1        | 20.00     |          |        |           |
| Turnbuckles                                     | 14.00 | 1-1/2"x18" | 2        | 28.00     |          |        |           |
| Fittings  |       |            |          | 40.00     |          |        |           |
| TOTAL MATERIAL                                  |       |            |          | 6,615.00  |          |        |           |
| INSTALLATION <del>XXXXXXXXXXXX</del> COST       |       |            |          |           |          |        |           |
| Direct Labor                                    |       |            |          | 2,500.00  |          |        |           |
| Interest  |       |            |          | 70.00     |          |        |           |
| Use of Auto and Hauling                         |       |            |          | 1,500.00  |          |        |           |
| Tools, Supplies and Miscellaneous Expense       |       |            |          | 35.00     |          |        |           |
| Stores Expense & Freight                        |       |            |          | 714.00    |          |        |           |
| Labor Benefits and Non-Productive Time          |       |            |          | 468.00    |          |        |           |
| Hauling, Erecting and Dismantling Spudder       |       |            |          | 350.00    |          |        |           |
| Cement and Services                             |       |            |          | 2,000.00  |          |        |           |
| Fuel  |       |            |          | 35.00     |          |        |           |
| Torpedo Service                                 |       |            |          | 160.00    |          |        |           |
| Administrative and General Labor Overheads      |       |            |          | 63.00     |          |        |           |
| TOTAL INSTALLATION <del>XXXXXXXXXXXX</del> COST |       |            |          | 7,895.00  |          |        |           |
| TOTAL ESTIMATE                                  |       |            |          | 14,510.00 |          |        |           |

INDICATOR NORTH      SKETCH (CORRECT TO ACTUAL)      INVENTORY MAP NO. None  
 Map Square 58-95

Note: Move in bucyrus erie spudder and string of cleaning out tools. Clean well out and run string of 4-1/2" tubing on wall and anchor packer. Cement between all strings of casing and 4-1/2" tubing to surface. Install well fittings and report results.

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MAPPED BY \_\_\_\_\_      MAP NO. \_\_\_\_\_      QUANTITY MAPPED \_\_\_\_\_      DATE \_\_\_\_\_

WW-4A  
Revised 6-07

4703500495P  
08/19/24  
1) Date: \_\_\_\_\_  
2) Operator's Well Number  
Ripley 7297  
3) API Well No.: 47 - 035 - 00495

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

|                                    |                                    |
|------------------------------------|------------------------------------|
| 4) Surface Owner(s) to be served:  | 5) (a) Coal Operator               |
| (a) Name <u>Steven B. Stone</u>    | Name <u>Not operated</u>           |
| Address <u>14 Crooked Run Road</u> | Address _____                      |
| <u>Sandyville, WV 25275</u>        | _____                              |
| (b) Name _____                     | (b) Coal Owner(s) with Declaration |
| Address _____                      | Name _____                         |
| _____                              | Address _____                      |
| (c) Name _____                     | Name _____                         |
| Address _____                      | Address _____                      |
| _____                              | _____                              |
| 6) Inspector <u>Joe Taylor</u>     | (c) Coal Lessee with Declaration   |
| Address <u>1478 Claylick Road</u>  | Name _____                         |
| <u>Ripley, WV 25271</u>            | Address _____                      |
| Telephone <u>304.380.7469</u>      | _____                              |

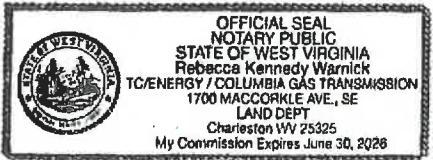
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SEP 11 2024

TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents from the WV Department of Environmental Protection

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

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

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



Well Operator Columbia Gas Transmission  
 By: Maria Madvedeva  
 Its: Senior Wells Engineer - Well Engineering and Technology  
 Address 1700 MacCorkle Ave SE  
Charleston, WV 25314  
 Telephone 304-410-4313

Subscribed and sworn before me this 19<sup>th</sup> day of August 2024  
Rebecca Kennedy Warnick Notary Public  
My Commission Expires 6/30/24

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](mailto:depprivacyofficer@wv.gov).

09/20/2024



4703500495P

Columbia Gas Transmission, LLC  
1700 MacCorkle Ave., SE, Charleston, WV, USA 25314



August 19, 2024

Steven B. Stone  
14 Crooked Run Road  
Sandyville, WV 25275

Columbia Gas Transmission, LLC is applying for a permit to the WV Department of Environmental Protection – Office of Oil and Gas, to repair an existing underground natural gas storage well located on property owned by you. As reference, the field and well ID is Ripley 7297 (API 47-035-00495).

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](http://www.usps.com)®

Sandyville, WV 25275

**OPTIONAL USE**

|  |         |               |
|--|---------|---------------|
| Certified Mail Fee   | \$4.85  |               |
| Extra Services & Fees (check box, add fee as appropriate)    | \$4.10  | 0726          |
| <input type="checkbox"/> Return Receipt (hardcopy)           | \$3.00  | 5             |
| <input type="checkbox"/> Return Receipt (electronic)         | \$0.00  |               |
| <input type="checkbox"/> Certified Mail Restricted Delivery  | \$0.00  | Postmark Here |
| <input type="checkbox"/> Adult Signature Required            | \$0.00  |               |
| <input type="checkbox"/> Adult Signature Restricted Delivery | \$0.00  |               |
| Postage  | \$9.85  |               |
| Total Postage and Fees                                       | \$18.80 | 08/19/2024    |

Sent To: Steven B Stone  
Street and Apt. No., or PO Box No.:  
City, State, ZIP+4®: Ripley 7297

PS Form 3800, April 2016 PSN 7530-02-000-9047 See Reverse for Instructions

7022 2410 0002 6396 3089

RECEIVED  
Office of Oil and Gas

SEP 11 2024

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:  
Steven Stone  
14 Crooked Run Rd  
Sandyville, WV 25275

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®  
 Registered Mail™  
 Registered Mail Restricted Delivery  
 Signature Confirmation  
 Signature Confirmation Restricted Delivery

Article Number (Transfer from service label)  
7022 2410 0002 6396 3089

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  
X Steven B. Stone  Agent  Addressee

B. Received by (Printed Name)  
STEVEN STONE

C. Date of Delivery  
8/23

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

08/20/2024

www.tcenergy.com

SURFACE OWNER WAIVER

4703500495P

Operator's Well Number

Ripley 7297

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW4-A

The well operator named on page WW-4A is applying for a permit from the State to plug and abandon a well. (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

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 FIVE (5) 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 revision 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.

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 Permit To Plug And Abandon on Forms WW-4A and WW-4B, and a survey plat.

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 ETC.

FOR EXECUTION BY A CORPORATION,

Signature: Steven B. [unclear]

Date: 10-4-22 Name: By: Its:

Signature: Date:

09/20/2024

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4703500495P

WW-4B

API No. 47-035-00495

Farm Name \_\_\_\_\_

Well No. Ripley 7297

Coal not operated

**INSTRUCTIONS TO COAL OPERATORS  
OWNERS AND LESSEE**

The well operator named on the obverse side of WW-4 (B) is about to abandon the well described in the enclosed materials and will commence the work of plugging and abandoning said well on the date the inspector is notified. Which date shall not be less than five days after the day on which this notice and application so mailed is received, or in due course should be received by the Department of Environmental Protection Office of Oil & Gas.

This notice and application is given to you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not the operator will proceed to plug and fill said well in the manner required by Section 24, Article 6, Chapter 22 of the Code and given in detail on obverse side of this application.

NOTE: If you wish this well to be plugged according to 22-6-24(d) then as per Regulation 35CSR4-13.9 you must complete and return to this office on form OB-16 "Request by Coal Operator, Owner, or Lessee for plugging" prior to the issuance of this plugging permit.

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Office of Oil and Gas

SEP 11 2024

**WAIVER**

WV Department of  
Environmental Protection

The undersigned coal operator \_\_\_\_ / owner \_\_\_\_ / lessee \_\_\_\_ / of the coal under this well location has examined this proposed plugging work order. 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.

Date: \_\_\_\_\_

By: \_\_\_\_\_

Its \_\_\_\_\_

09/20/2024



WW-9  
(5/16)

API Number 47 - 036 - 00495  
Operator's Well No. Ripley 7297

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

Operator Name Columbia Gas Transmission OP Code 307032

Watershed (HUC 10) Sandy Creek Quadrangle Sandyville, 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, brine, cement returns, bentonite gel

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 34-167-23862 )
- 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: 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? N/A

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

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

-Landfill or offsite name/permit number? \_\_\_\_\_

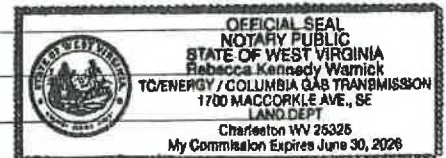
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WV Department of  
Environmental Protection

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 *Maria Medvedeva*  
Company Official (Typed Name) Maria Medvedeva  
Company Official Title Senior Wells Engineer - Well Engineering and Technology



Subscribed and sworn before me this 19th day of August, 2024

*Robert* Notary Public

My commission expires 9/30/24

09/20/2024



Proposed Revegetation Treatment: Acres Disturbed <1.0 Prevegetation pH 6 - 7

Lime 2 Tons/acre or to correct to pH 7 - 8

Fertilizer type 10-10-10

Fertilizer amount 600 lbs/acre

Mulch hay or straw @ 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: \_\_\_\_\_

Comments: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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Title: \_\_\_\_\_

Date: 9/19/24

Field Reviewed? (initials) Yes

( ) No

*For Douglas Newlon*

09/20/2024

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): Sandy Creek Quad: Sandyville, 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 fluids planned to be discharged.  
- No fertilizer will be stored on site. Small quantities of fuel, oil, and lubrications 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 contaminants 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 and well servicing equipment will be monitored and 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.

Mud Run of the Sandy Creek is at a distance of 0.05 miles E. Sandy Creek is at a distance of 0.18 miles E.  
  
The Ravenswod Municipal Water Works WV3301810 is the closest Well Head Protection Area at a distance of 5.27 miles NW from discharge area.

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

N/A

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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 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 contaminants to groundwater.

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

Signature: *Marcus*

Date: 08/19/24

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Department of  
Environmental Protection **09/20/2024**



4703500495



Crooked Run Rd

PA 610250121

Ripley 107297

0.25 acres

Pit B  
50' x 10' x 4' deep

Pit A  
50' x 10' x 4' deep

Limit of Proposed Disturbance  
on existing well site

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WV DE  
Environmental

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Google Earth

# WV DEP Reclamation Plan - Site Detail

Ripley 7297 (API 47-035-00495)

- 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



# WV DEP Reclamation Plan - Overview

Ripley 7297 (API 47-035-00495)

- 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



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WV Department  
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09/20/2024



4703500495P

SANDYVILLE QUADRANGLE  
WEST VIRGINIA  
TOPOGRAPHIC SERIES (ROCKPORT)

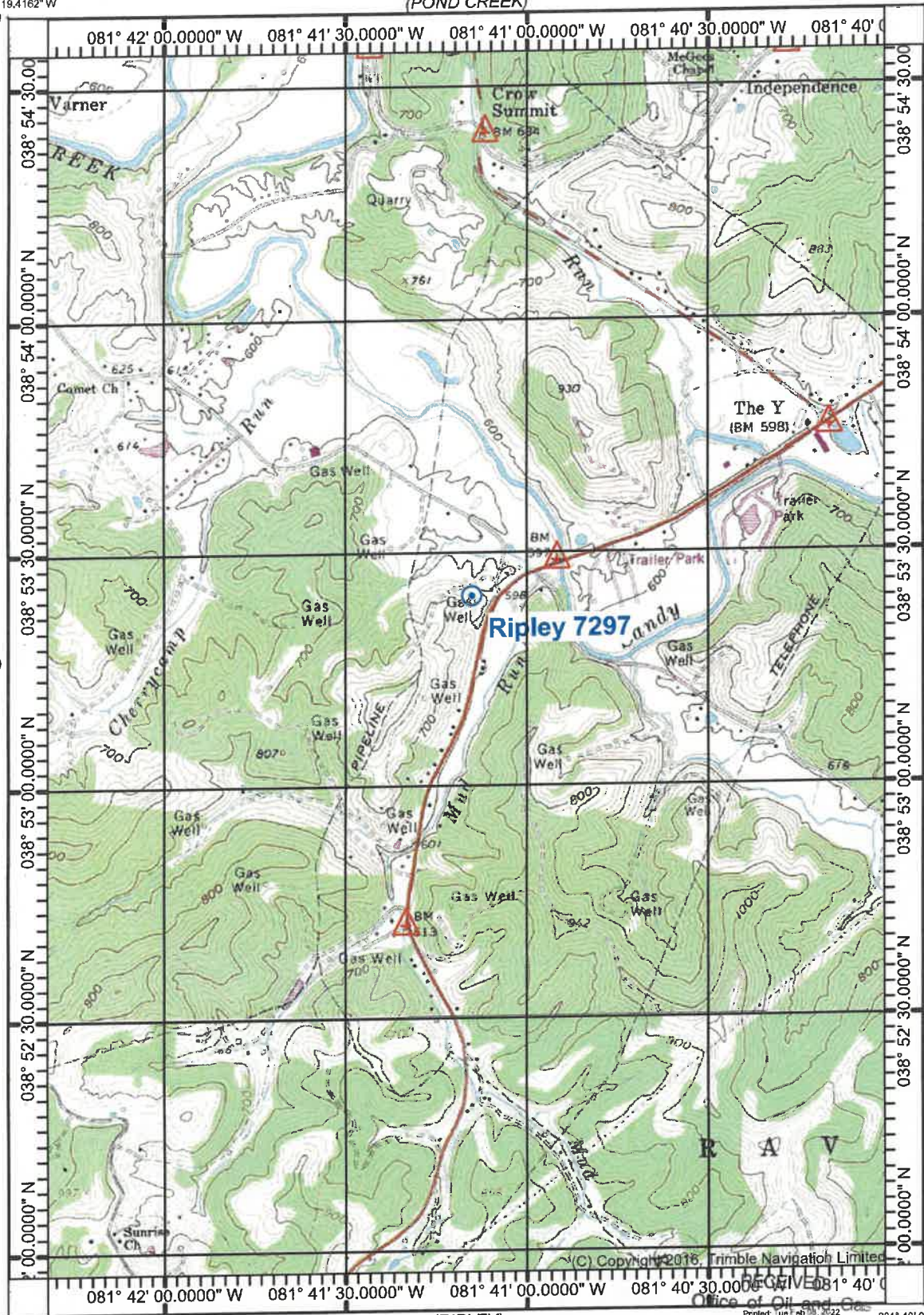
(PORTLAND)



081° 42' 19.4162" W  
038° 54' 34.4244" N

(POND CREEK)

081° 40' 00.0959" W  
038° 54' 34.4244" N



(RAVENSWOOD)

(LIVERPOOL)

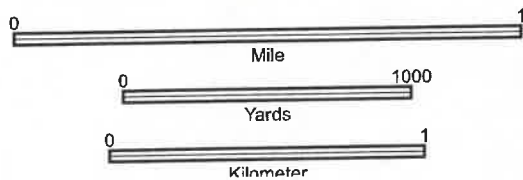
038° 51' 56.6953" N  
081° 42' 19.4162" W

(RIPLEY)  
SCALE 1:24000

SEP 11 2024

(GAY)

(COTTAGEVILLE)



CONTOUR INTERVAL 20 FT

WV Department of Environmental Protection  
38081-H5-TM-024  
SANDYVILLE, WV

JAN 1, 1988  
09/20/2024

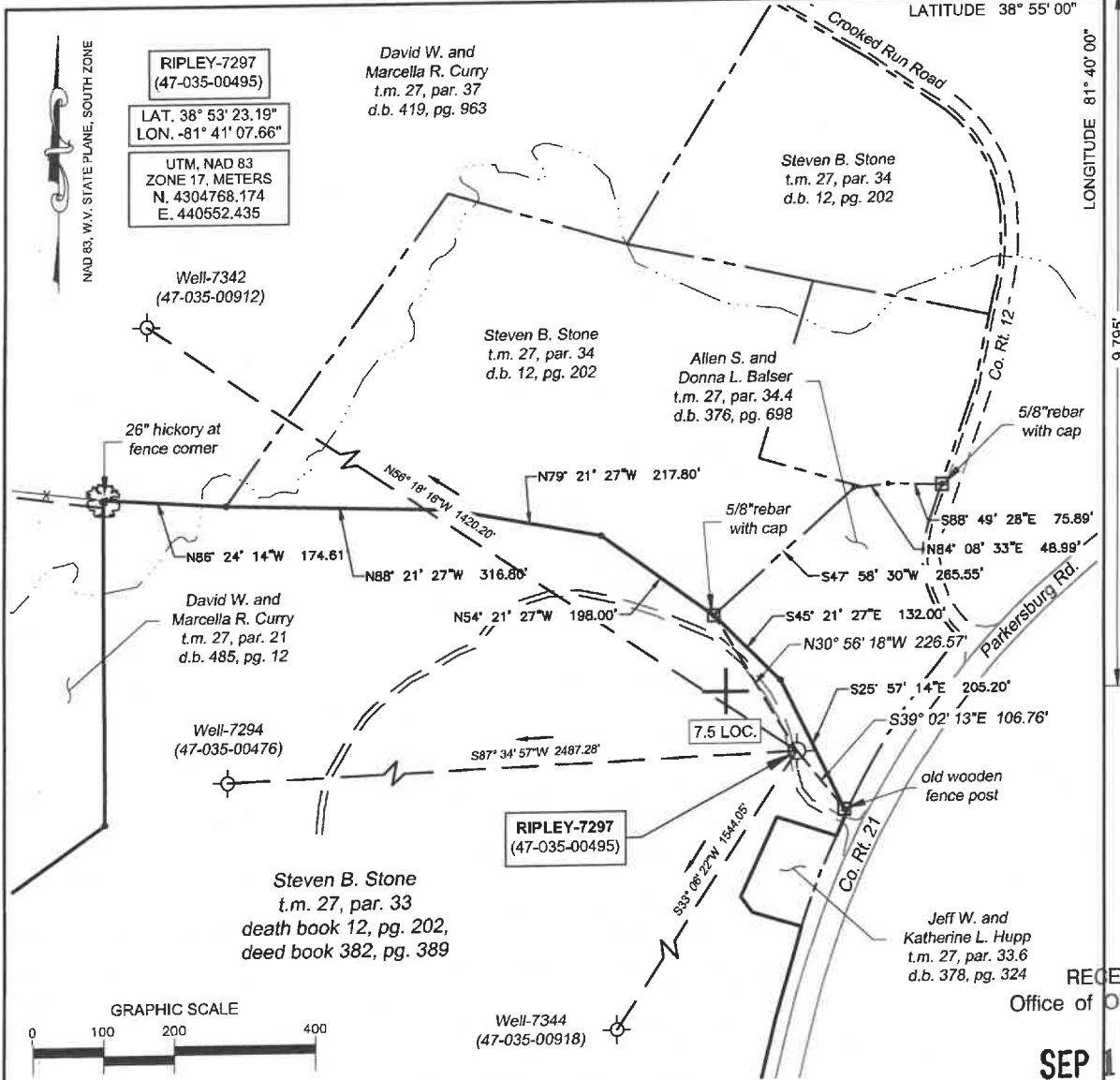
Produced by Trimble Terrain Navigator Pro  
Topography based on USGS 1:24,000  
Maps

North American 1983 Datum (NAD83)

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

(C) Copyright 2016, Trimble Navigation Limited  
Printed: Tue Feb 11, 2022



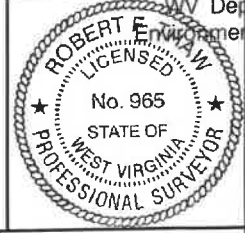


(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE No 2101-3079-001-001  
 DRAWING No. RIPLEY-7297  
 SCALE 1"=200'  
 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 REGULATIONS ISSUED AND PRESCRIBED BY THE DIVISION OF ENVIRONMENTAL PROTECTION.

(SIGNED) [Signature]  
 ROBERT F. THAW PS #965



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

DATE AUGUST 2 2024  
 OPERATOR'S WELL No. 7297  
 API WELL No. 47 035 - 00495

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
 (IF "GAS") PRODUCTION  STORAGE  DEEP  SHALLOW

LOCATION: ELEVATION 604.4' WATER SHED SANDY CREEK  
 DISTRICT RAVENSWOOD COUNTY JACKSON  
 QUADRANGLE SANDYVILLE, WV

SURFACE OWNER STEVEN B. STONE ACREAGE 76.13  
 OIL & GAS ROYALTY OWNER STEVEN B. AND DEBORAH STONE

LEASE ACREAGE 55.5 LEASE NO. 1052756-000

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 4834

WELL OPERATOR COLUMBIA GAS TRANSMISSION, LLC DESIGNATED AGENT MARIA MEDVEDEVA  
 ADDRESS PO BOX 1273, CHARLESTON, WV 25325-1273 ADDRESS 1700 MACCORKLE AVE., S.E. CHARLESTON, WV 25314

FORM IV-6 (8-78)

09/20/2024

WW-7  
8-30-06

4703500495 P



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

API: 47-035-00495 WELL NO.: 7297

FARM NAME: Stone & Heatherington 7297

RESPONSIBLE PARTY NAME: Columbia Gas Transmission, LLC

COUNTY: Jackson DISTRICT: Ravenswood

QUADRANGLE: Sandyville, WV

SURFACE OWNER: Steven B. Stone

ROYALTY OWNER: Steven B. and Deborah Stone

UTM GPS NORTHING: 4304768

UTM GPS EASTING: 440552 GPS ELEVATION: 604.4 ft

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

- Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: RECEIVED  
height above mean sea level (MSL) – meters. Office of Oil and Gas
- Accuracy to Datum – 3.05 meters
- Data Collection Method: SEP 11 2024  
Survey grade GPS  : Post Processed Differential \_\_\_\_\_  
Real-Time Differential \_\_\_\_\_  
Mapping Grade GPS \_\_\_\_\_ : Post Processed Differential \_\_\_\_\_  
Real-Time Differential \_\_\_\_\_

WV Department of Environmental Protection

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.

\_\_\_\_\_  
Signature Title Date

09/20/2024