



west virginia department of environmental protection

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

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

Thursday, February 6, 2025
WELL WORK PLUGGING PERMIT
Vertical Plugging

COLUMBIA GAS TRANSMISSION, LLC
1700 MACCORKLE AVENUE SE

CHARLESTON, WV 25314


Re: Permit approval for 4-1
47-103-00098-00-00

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: 4-1
Farm Name: DANIEL & MARY DOPLER 
U.S. WELL NUMBER: 47-103-00098-00-00
Vertical Plugging
Date Issued: 02/06/2025

PERMIT CONDITIONS

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

CONDITIONS

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

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1) Date October 8, 2024
2) Operator's
Well No. Victory A 4289
3) API Well No. 47-103 - 00098-00-00

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

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

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

5) Location: Elevation 1349' Watershed Fish Creek
District Proctor County Wetzel Quadrangle Wileyville

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

8) Oil and Gas Inspector to be notified Name Stephen E. McCoy
Address 13016 Indian Creek Rd.
Jacksonburg, WV 26377
9) Plugging Contractor Name Next LVL Energy, LLC
Address 736 W. Ingomar Road, Unit 268
Ingomar, PA 15127

10) Work Order: The work order for the manner of plugging this well is as follows:
Refer to enclosed: *CK# 058785 For Pit*
CK\$ 100.00
1) Well job plan.
2) Prior to P&A wellbore schematic.
3) Proposed P&A wellbore schematic.

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DEC 05 2024
WV Department of
Environmental Protection

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

Work order approved by inspector Stephen Mccoy Digitally signed by Stephen Mccoy
Date: 2024.10.22 19:33:48 -04'00' Date _____

4710300098P

WELL JOB PLAN		STS Well Engineering & Technology		PAGE 3	DATE JOB PREPARED: 2/16/2024
Objective: Plug and Abandon Well				LAST PROFILE UPDATE:	
TITLE: Plug and Abandon Well		WELL: 4289		WORK TYPE: WR	
FIELD: Victory A				API: 47-103-00098	
STAT: WV	SHL (Lat/Long): 0 0			CNTY: Wetzel	
TWP: Proctor	BHL (Lat/Long): 0 0				

PROCEDURE

DUE TO 83% PENETRATION DEFECT AT 1541', A COMPOSITE BRIDGE PLUG WAS INSTALLED IN 2020 AT A DEPTH OF 2060' WITH APPROX 10 FT OF CEMENT DUMP BAILED ON TOP AND WELLBORE LOADED WITH 9.3 PPG BRINE.

THIS PROCEDURE INCORPORATES PERFORMING CASING CUTS ACROSS PITTSBURGH COAL AND CEMENTING TO SURFACE, ASSUMING THIS IS COAL OPERATOR'S PREFERRED METHOD OF PLUGGING. PROCEDURE MAY REQUIRE MODIFICATIONS IF OTHER/ADDITIONAL REQUIREMENTS PER COAL OPERATOR.

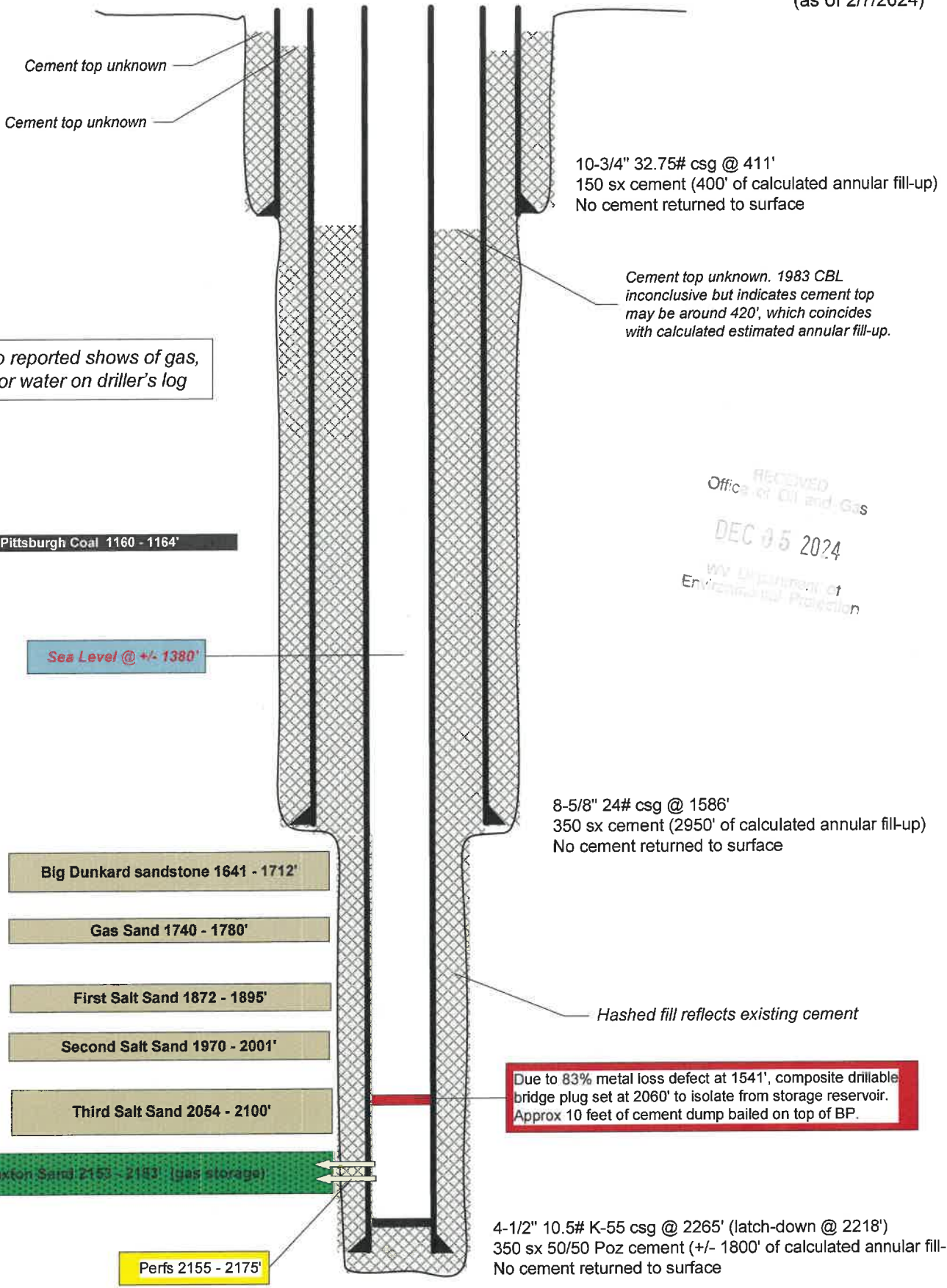
- 1 Obtain EM&CP, pipeline crossing evaluation, call before you dig, etc. Prepare site specific SPCC.
 - 2 Notify landowner.
 - 3 Obtain General Work Permit and Wellsite Review & Turnover Form from Operations.
 - 4 Notify Reservoir Engineering & Geosciences (REG) of intent to take well out of service.
 - 5 Notify environmental inspector prior to beginning work.
 - 6 If required, notify State/Federal regulatory agencies prior to beginning work.
 - 7 Disconnect well line.
 - 8 Install ECD's per EM&CP. Prepare access road and well site.
 - 9 Service all wellhead valves.
 - 10 Document initial casing and annular pressures.
 - 11 MIRU service rig.
 - 12 NU BOPs and pressure test low/high 250/800 psig. **DO NOT EXCEED 900 PSIG - CAMERON MASTER VALVE IS ONLY RATED FOR 960 PSIG.**
 - 13 PU 3.75" tricone steel tooth bit (no jets) and TIH to top of cement/DBP. Circulate to condition wellbore fluid and measure fluid density - minimum required fluid density 8.9 ppg.
 - 14 PU 3.75" tricone steel tooth bit and TIH to top of cement/DBP. Circulate to condition wellbore fluid and measure fluid density - minimum required fluid density 8.9 ppg.
 - 15 Drill cement, DBP, and clean to latch-down at 2218'. Circulate hole clean and TOH.
 - 16 Install balanced cement plug 2000 to TD. Slowly pull work string to +/-1990', reverse circulate to clean tubulars, WOC minimum 6 hours, and tag cement. If cement is deeper than 2050' install second cement plug. TOOH.
 - 17 Install cast-iron DBP above cement plug. Perform 50 psig pressure test to confirm barrier integrity. **DO NOT EXCEED 100 PSIG DURING PRESSURE TEST DUE TO 83% DEFECT AT 1541'.**
 - 18 RIH and install balanced plug(s) from top of DBP to 1300' (approx 140' below base of Pittsburgh Coal). WOC 4 hours, tag cement, and TOOH.
 - 19 ND BOPs and remove wellhead.
 - 20 MIRU wireline unit. Spear 4-1/2" casing and perform wireline free-point.
 - 21A If free-pt depth is deeper than Pittsburgh Coal then cut/pull all 4-1/2" csg that is free. Spear 8-5/8", perform wireline free-pt, and cut/pull all 8-5/8" csg that is free.
 - 21B If free-pt depth is shallower than Pittsburgh Coal then proceed to Step 22.
- ** Verify depth of Pittsburgh Coal and correlate to rig floor.**
- 22 Perform cuts in 1 foot increments starting from 1 foot below base of Pittsburgh Coal to 1 foot above top of Pittsburgh Coal using multi-string cutter, if required by coal operator.
 - 23A If 4-1/2" and 8-5/8" casings have already been cut/pulled, install cement plugs from top of last cement plug to surface.
 - 23B If 4-1/2" and 8-5/8" casings have not been cut/pulled, install cement plug from top of last cement plug to depth of 4-1/2" free-pt. Cut/pull all 4-1/2" and 8-5/8" csg that is free. Install cement plugs from top of last cement plug to surface.
- * Do no pull 10-3/4" csg - leave in the event future well intervention required.
- 24 Grout behind 10-3/4" csg as deep as possible.
 - 25 Install casing monument with API number affixed.
 - 26 Reclaim road and location.

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PREPARED BY:	Jim Amos	REVIEWED BY:	APPROVED: Stephen Mccoy	Digitally signed by Stephen Mccoy Date: 2024.10.22 19:33:27 -04'00'
PREP DATE:	2/16/2024			

02/07/2025

~ not to scale ~



* No reported shows of gas, oil, or water on driller's log

10-3/4" 32.75# csg @ 411'
150 sx cement (400' of calculated annular fill-up)
No cement returned to surface

Cement top unknown. 1983 CBL inconclusive but indicates cement top may be around 420', which coincides with calculated estimated annular fill-up.

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Pittsburgh Coal 1160 - 1164'

Sea Level @ +/- 1380'

Big Dunkard sandstone 1641 - 1712'

Gas Sand 1740 - 1780'

First Salt Sand 1872 - 1895'

Second Salt Sand 1970 - 2001'

Third Salt Sand 2054 - 2100'

Maxton Sand 2153 - 2183 (gas storage)

Perfs 2155 - 2175'

8-5/8" 24# csg @ 1586'
350 sx cement (2950' of calculated annular fill-up)
No cement returned to surface

Hashed fill reflects existing cement

Due to 83% metal loss defect at 1541', composite drillable bridge plug set at 2060' to isolate from storage reservoir. Approx 10 feet of cement dump bailed on top of BP.

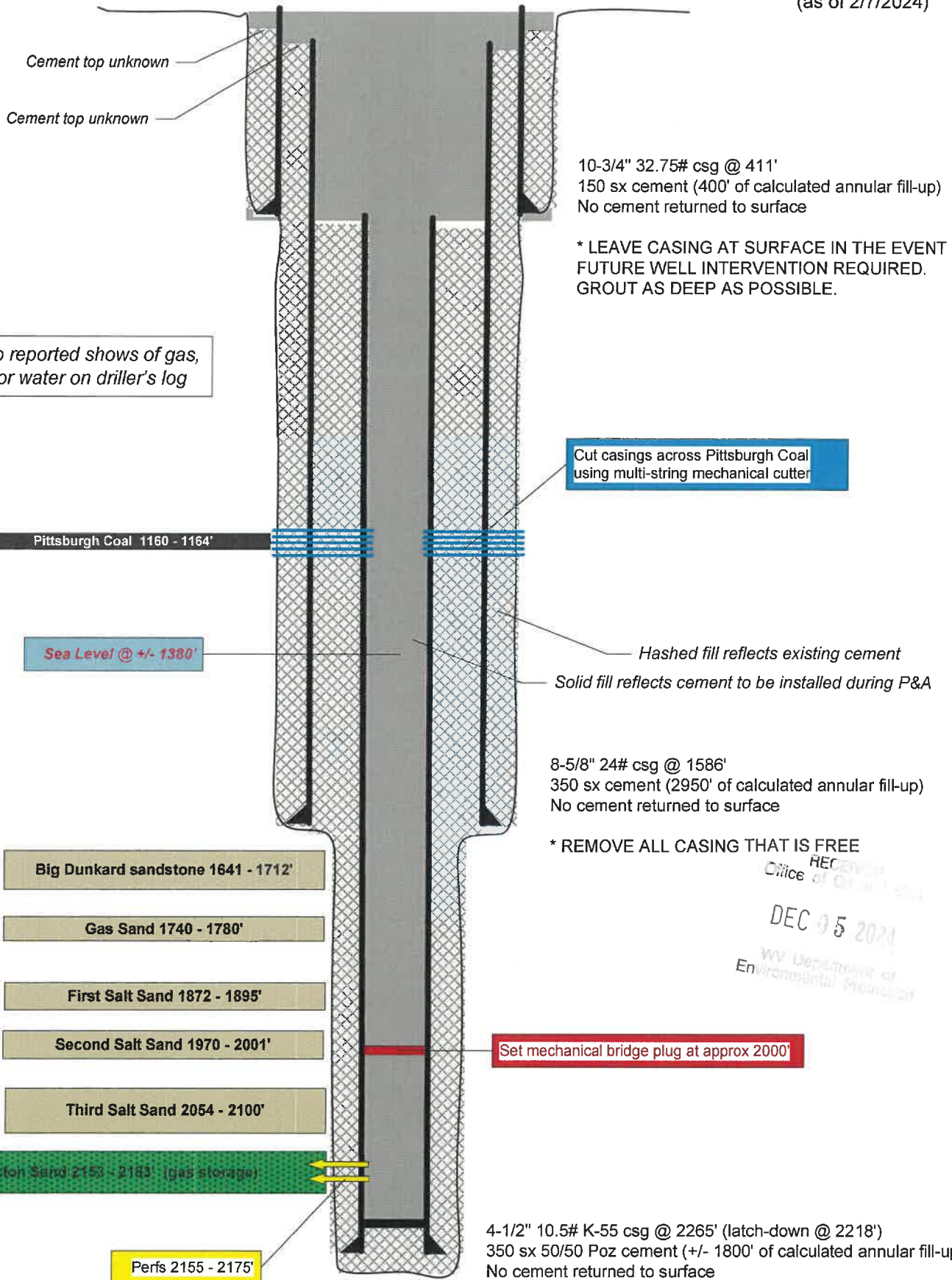
4-1/2" 10.5# K-55 csg @ 2265' (latch-down @ 2218')
350 sx 50/50 Poz cement (+/- 1800' of calculated annular fill-up)
No cement returned to surface

TD 2275'

02/07/2025

Victory A 4289
API 47-103-00098
Proposed P&A
(as of 2/7/2024)

~ not to scale ~



* No reported shows of gas, oil, or water on driller's log

10-3/4" 32.75# csg @ 411'
150 sx cement (400' of calculated annular fill-up)
No cement returned to surface

* LEAVE CASING AT SURFACE IN THE EVENT FUTURE WELL INTERVENTION REQUIRED. GROUT AS DEEP AS POSSIBLE.

Cut casings across Pittsburgh Coal using multi-string mechanical cutter

Sea Level @ +/- 1380'

Hashed fill reflects existing cement
Solid fill reflects cement to be installed during P&A

8-5/8" 24# csg @ 1586'
350 sx cement (2950' of calculated annular fill-up)
No cement returned to surface

* REMOVE ALL CASING THAT IS FREE

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Big Dunkard sandstone 1641 - 1712'

Gas Sand 1740 - 1780'

First Salt Sand 1872 - 1895'

Second Salt Sand 1970 - 2001'

Third Salt Sand 2054 - 2100'

Set mechanical bridge plug at approx 2000'

Maxton Sand 2153 - 2183 (gas storage)

Perfs 2155 - 2175'

4-1/2" 10.5# K-55 csg @ 2265' (latch-down @ 2218')
350 sx 50/50 Poz cement (+/- 1800' of calculated annular fill-up)
No cement returned to surface

* REMOVE ALL CASING THAT IS FREE
Designed by Stephen Mccoy
DATE: 2024.10.22 19:33:00 -0400

TD 2275'

02/07/2025



Select County: (103) Wetzel (Check All)

Enter Permit #: 00098

Location Production Plugging
 Owner/Completion Stratigraphy Sample
 Pay/Show/Water Logs Btm Hole Loc

4710300098

[Table](#)
[County Code Translations](#)
[Permit-Numbering Series](#)
[Usage Notes](#)
[Contact Information](#)
[Disclaimer](#)
[WVGES Main](#)
["Pipeline-Plus" New](#)

WV Geological & Economic Survey:

Well: County = 103 Permit = 00098 [Link to all digital records for well](#)

Report Time: Monday, December 09, 2024 11:42:34 AM

Location Information: [View Map](#)

API	COUNTY	PERMIT	TAX_DISTRICT	QUAD_75	QUAD_15	LAT_DD	LON_DD	UTME	UTMN
4710300098	Wetzel	98	Proctor	Wileyville	Littleton	39.700873	-80.673798	527965.6	4394608.7

There is no Bottom Hole Location data for this well

Owner Information:

API	CMP_DT	SUFFIX	STATUS	SURFACE_OWNER	WELL_NUM	CO_NUM	LEASE	LEASE_NUM	MINERAL_OWN	OPERATOR_AT_COMPLETION	PROP_VD	PROP_TRGT_FM	TFM_EST_PR
4710300098	-/-1935	Original Loc	Completed	Mary Redfox et al	1					Hathaway and Lewis			
4710300098	9/30/1954	Worked Over	Completed	Eugene Ebert	1	F13039		26508		Manufacturers Light & Heat Co.			

Completion Information:

API	CMP_DT	SPUD_DT	ELEV DATUM	FIELD	DEEPEST_FM	DEEPEST_FMT	INITIAL_CLASS	FINAL_CLASS	TYPE	RIG	CMP_MTHD	TVD	TMD	NEW_FTG	KOD	G_BEF	G_AFT
4710300098	-/-1935	7/1/1935	1349 Ground Level	Lynn Camp	Maxton	Maxton	Development Well	Unsuccessful	Dry w/ Gas Show	Cable Tool	Nat/Open H	2180		2180		0	
4710300098	9/30/1954	5/23/1953	1349 Ground Level	Lynn Camp	Maxton	Maxton	Development Well	Unsuccessful	Dry w/ Gas Show	unknown	Shot	2189		2189		0	7

Pay/Show/Water Information:

API	CMP_DT	ACTIVITY	PRODUCT	SECTION	DEPTH_TOP	FM_TOP	DEPTH_BOT	FM_BOT	G_BEF	G_AFT	O_BEF	O_AFT	WATER_QNTY
4710300098	9/30/1954	Show	Gas	Vertical			2174	Maxton	0		7		

There is no Production Gas data for this well

There is no Production Oil data for this well ** some operators may have reported NGL under Oil

There is no Production NGL data for this well ** some operators may have reported NGL under Oil

There is no Production Water data for this well

Stratigraphy Information:

API	SUFFIX	FM	FM_QUALITY	DEPTH_TOP	DEPTH_QUALITY	THICKNESS	THICKNESS_QUALITY	ELEV	DATUM
4710300098	Original Loc	unidentified coal	Well Record	1060	Reasonable	2	Reasonable	1349	Ground Level
4710300098	Worked Over	Sewickley coal	Well Record	1060	Reasonable	2	Reasonable	1349	Ground Level
4710300098	Worked Over	Pittsburgh coal	Well Record	1155	Reasonable	2	Reasonable	1349	Ground Level
4710300098	Original Loc	unidentified coal	Well Record	1155	Reasonable	2	Reasonable	1349	Ground Level
4710300098	Worked Over	Maxton	Well Record	2160	Reasonable	22	Reasonable	1349	Ground Level
4710300098	Original Loc	Maxton	Well Record	2160	Reasonable	22	Reasonable	1349	Ground Level

Wireline (E-Log) Information:

* There is no Scanned/Raster Log data for this well

* There is no Digitized/LAS Log data for this well

* There is no Scanned or Digital Logs available for download

Plugging Information:

API	PLG_DT	DEPTH_PBT
4710300098	11/30/1939	0

There is no Sample data for this well

02/07/2025

4710300098P

Form 886-PS4
(Rev. 8-76)

COLUMBIA GAS SYSTEM - COLUMBIA GAS TRANSMISSION CORPORATION
WELL LOG SUMMARY

WELL NO. 4289		FIELD Victory A Storage Field			DATE WORK STARTED Sept. 13, 1983		DATE WORK COMPLETED Sept. 27, 1983				
DATE DRILLING STARTED		DATE DRILLING COMPLETED		SHUT-IN DATE		TOTAL DEPTH		PLUGGED BACK TO			
		Sept. 30, 1983				2275'		2218'			
HOLE SIZE	Bit Gauge (Inches)			6 1/4"		FORMATION RECORD					
	From - To (feet)			0-2275'		FORMATION		FROM TO			
CASING & TUBING <small>(All Measurements Less Threads)</small>	Size (O.D.)			10 3/4" 8 5/8" 4 1/2"		Pittsburgh		1156 1160			
	Weight/foot			32.75 24.0 10.5		Coal					
	Steel Grade			Unknown Unknown K-55		Big Dunkard		1641 1712			
	Coupling Type			STC		Freeport		1727 1734			
	Setting Depth			416 1606 2265		Coal					
	Left in Hole			416 1606 2265		Gas Sand		1740 1780			
CEMENT RECORD	No. of Sacks			150 350 250-100		First Salt		1872 1895			
	Type			Unknown Unknown 50-50poza		Second Salt		1970 2001			
	Weight (# Gallon)			Unknown Unknown 13.2 14.4		Third Salt		2054 2100			
	Return to Surface			No No No							
	Plug Down Pressure			N/A N/A 1500							
DOWN HOLE EQUIPMENT	Manufacturer			Spang Unknown Halli-burton Halli-burton		Maxton		2153 2183			
	Type			Shoe Shoe Float Shoe Latch Down B.							
	Size			10 3/4" 8 5/8 4 1/2 4 1/2							
	Setting Depth			416 1606 2265 2218							
PERFORATING RECORD	From (feet)			2158							
	To (feet)			2173							
	No. Shots Perfor.			31							
	Kind of Shot			Jet							
	Date			9/27/83							
Service Co.			Birdwell								
STIMULATION RECORD	Formation			Maxton		Formation		Formation			
	Date			From 2158 To 2173 9/27/83		From To		From To			
	Type			HCl and Water							
	Fluid (Total Bbl.)			55							
	Propping Agent (#)										
Service Co.			Halliburton								
OPEN FLOW TESTS	Date			BEFORE AFTER		BEFORE AFTER		BEFORE AFTER			
	Open Flow			Perforations		8/24/84		8/19/85			
	Duration (hour)			Plugged		475.926 Mcfd		582.887 Mcfd			
	Type Gauge			Could Not Test		3 Hr.		3 Hr.			
	Size Opening					O.W.T.		O.W.T.			
WELLHEAD PRESSURE TESTS	START DATE			8/24/84		8/19/85					
	1 Minute			38		38					
	3 Minutes			88		102					
	5 Minutes			138		161					
	10 Minutes			256		9 min 300					
	20 Minutes			447							
	24 Hours					730					
	48 Hours										
72 Hours			669								
LOGGING RECORD	ELEVATION			1370.2		DISTANCE TO GROUND					
	DEPTH MEASUREMENT TAKEN FROM			<input type="checkbox"/> Kelly Bushing <input checked="" type="checkbox"/> Ground <input type="checkbox"/> Other (specify)							
	Logged By (company)			Birdwell							
	Type of Log			G.R.-Neut. G.R.-Cement Bond							
	Date			9/26/83 9/26/83							
	From (feet)			2200 2200							
To (feet)			0 0								
REMARKS	The day after the well was perforated and acidized, the perforations were plugged up and well would not flow. The well was left shut in until 8/7/84 when the first of two flow tests were taken. The well will now be tied into the line. The well was tested again on 8/19/85. It was tied into line and turned in at 9:30 A.M. on 8/23/85.										
PREPARED BY			DATE			APPROVED BY			DATE		
David H. Rife			8 23 85								

02/07/2025

COLUMBIA GAS SYSTEM - COLUMBIA GAS TRANSMISSION CORPORATION
NOTICE OF STORAGE WELL STATUS CHANGE

4710300098P

FORWARD ORIGINAL ONLY TO STORAGE DEPARTMENT.

DIVISION Cumberland		STORAGE FIELD Victory A			COMPANY WELL NUMBER 4289		
FARM NAME Mary Redfox		TOWNSHIP-DISTRICT Proctor	COUNTY Wetzel	STATE W.Va.	LEASE-DEED NO. 26508	ACRES 51	DATE COMP. 9 27 83
LAST ACTIVE WELL ON FARM <input type="checkbox"/> YES <input type="checkbox"/> NO		(THIS BLOCK FOR STORAGE DEPT. USE ONLY) <input type="checkbox"/> SURRENDER LEASE <input type="checkbox"/> RENEW LEASE <input type="checkbox"/> OTHER					

WELL STATUS PRIOR TO THIS REPORT	<input type="checkbox"/> PRODUCTION	<input checked="" type="checkbox"/> STORAGE
	<input type="checkbox"/> DRILLING	<input type="checkbox"/> ACTIVE
	<input checked="" type="checkbox"/> S.I. COMPLETION	<input type="checkbox"/> ABANDONED
WELL STATUS CHANGE OR WORK PERFORMED	<input type="checkbox"/> COMPLETED	<input type="checkbox"/> Gas <input type="checkbox"/> Dry
	<input checked="" type="checkbox"/> INITIAL TURN ON	<input checked="" type="checkbox"/> Retained <input type="checkbox"/> Abandoned
	<input type="checkbox"/> REDRILLED FOR STORAGE	<input checked="" type="checkbox"/> Retained <input type="checkbox"/> Abandoned
	<input checked="" type="checkbox"/> RECONDITIONED	<input type="checkbox"/> Production <input type="checkbox"/> Storage
	<input type="checkbox"/> TRANSFERRED TO	<input type="checkbox"/> Purchased for Storage
	<input type="checkbox"/> PURCHASED FOR STORAGE	
	<input type="checkbox"/> DRILLED DEEPER	
	<input type="checkbox"/> PLUGGED AND ABANDONED	
	<input type="checkbox"/> SOLD	

Remarks (PARTIAL INTEREST WELL-LIST PARTICIPANTS & PERCENTAGES-NAME OPERATOR)

Well tied in and turned in to line at 9:30 A.M. on 8/23/85.
 Rock Pressure = 729 psig

DRILLED TO 2275 feet Maxton sand PLUGGED BACK NO YES
 If Yes, to depth of 2218 feet Maxton sand

WELL TREATMENT No Yes If Yes, Type of Treatment HCl and Water

COMPLETION DATA (If applicable)	OPEN (If applicable)	TYPE OF GAUGE	<input type="checkbox"/> Orifice Well Tester	<input checked="" type="checkbox"/> Pitot Tube	<input type="checkbox"/> Other (Specify)				
		GAUGE READING	1.0 inches	<input checked="" type="checkbox"/> Mercury <input type="checkbox"/> Water	or _____ psig through 4 inch opening after blowing 1/3 hours				
	FLOW	1,930,000 cu ft/day	DATE	7 1 83	ROCK PRESSURE	641 psig in 72 hours	DATE	7 1 83	
	TEST	FINAL READING	15.0 inches	<input checked="" type="checkbox"/> Orifice Well Tester	<input type="checkbox"/> Pitot Tube	<input type="checkbox"/> Other (Specify)			
	<input type="checkbox"/> Shut In <input checked="" type="checkbox"/> Turned On	GAUGE READING	15.0 inches	<input checked="" type="checkbox"/> Mercury <input type="checkbox"/> Water	or _____ psig through 1 1/4 inch opening after blowing 3.0 hours				
		FLOW	582,887 cu ft/day	DATE	8 19 85	ROCK PRESSURE	730 psig in 24 hours	DATE	8 20 85

AUTHORIZATION FOR WORK PERFORMED

Budget Number 3380
 Well Work Order 107-3380-3232-4597
 Permit Number WET-98-R

WORK PERFORMED BY

MACHINE NUMBER OR CONTRACTORS NAME
 Pool Well Servicing Co.

For Storage Dept. Use Only		
SECTION	NOTED BY	DATE
STORAGE ENGINEER		
GEOLOGY		
MONITORING		
OFFICE & BUDGETS		

Compiled By David H. Rife Date 8/23/85

Reviewed By _____ Date _____
 MANAGER-DRILLING & FIELD LIAISON

02/07/2025

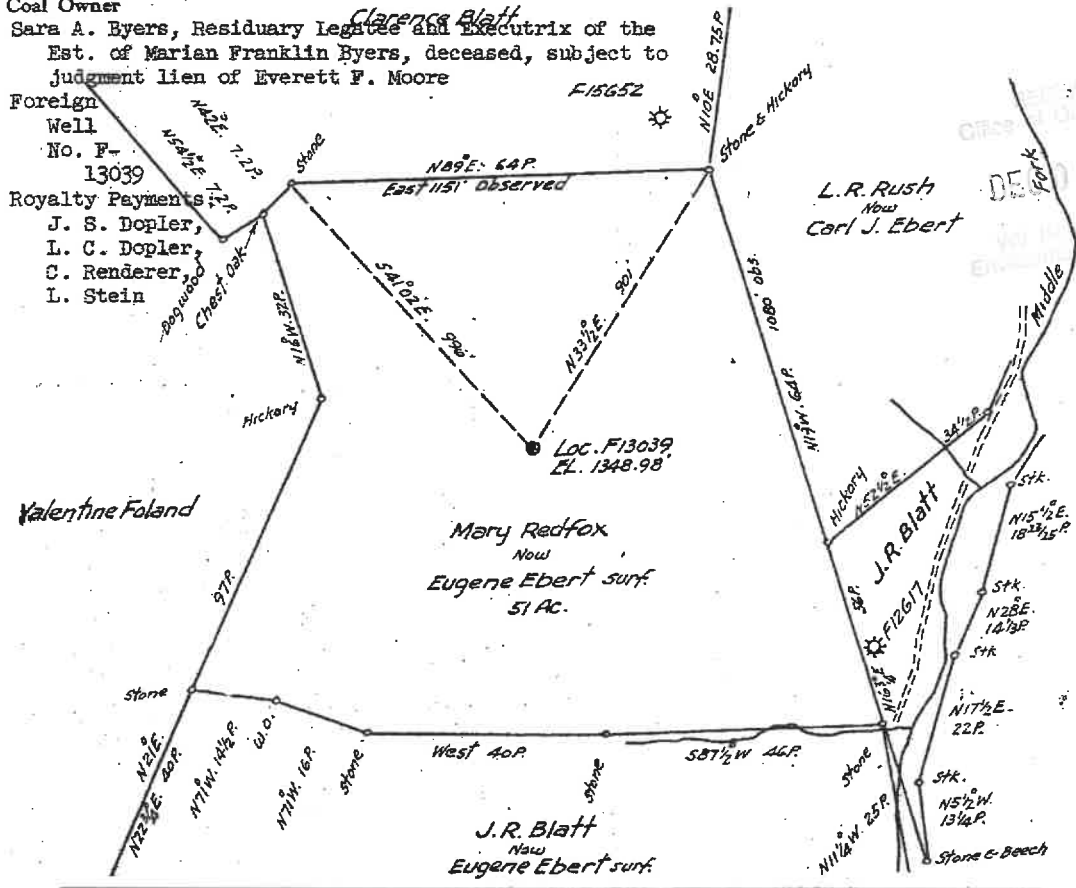
THE MANUFACTURERS LIGHT AND HEAT COMPANY
COMPANY

Location for Well No. L-4289 Budget No. 1253 Drilled Gas
 Drilled Deeper for Storage
 Reconditioned
 Lease No. 26508 for 51 Acres, Hundred District
 Well No. 1 on farm of Joseph S. Dopler, et al Bounded on the North by
Clarence Blatt; on the East by Alice Rush, now Carl Ebbert; on the South
 by John R. Blatt Tract; Joseph Shiben Oil and Gas and on the West by Valentine Poland
 in Proctor District Wetzel County W. Va. State
 Location Made May 14, 1953 Div. 4 Township 6 Page 13 Scale 1" equals 400 feet
 Reservation 200 Feet Signed T. E. Virgin
 Engineer

Storage Privilege Yes No S. G. Day
 Royalty \$75.00 Qtly. ~~Dixie Superior Field Office~~
 Superintendent of Production

Right to Drill Thru Coal Yes No
 Coal Owner Clarence Blatt
 Sara A. Byers, Residuary Legatee and Executrix of the
 Est. of Marian Franklin Byers, deceased, subject to
 judgment lien of Everett F. Moore

Foreign Well No. F-
13039
 Royalty Payments
 J. S. Dopler,
 L. C. Dopler,
 C. Rrenderer,
 L. Stein



Pittsburgh, Pa., December 7, 1954

R. E. Lee Division Superintendent
Hundred, West Virginia

You are hereby authorized to commence work on above well at once.
 All charges for labor and material incident to above well must be charged to this Well No. L-4289
 and when work is completed, report must be filled out on Final Report of Material Form P-923
 Pittsburgh Office. Retain one copy of this order for your files.

S. G. Day
Superintendent of Production

02/07/2025



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

4710300098P

Rittleton

WELL RECORD

Permit No. WET-98 Redrill

Oil or Gas Well Gas (KIND)

Company THE MANUFACTURERS LIGHT AND HEAT COMPANY
Address 800 Union Trust Building, Pgh., Penna.

Farm Eugene Ebert Acres 51

Location (waters)

Well No. 4289 Elev. 1348.98

District Proctor County Wetzel

The surface of tract is owned in fee by
Address

Mineral rights are owned by
Address

Drilling commenced May 23, 1953

Drilling completed September 30, 1954

Date Shot 9-30-54 From To

With

Open Flow 4.0/10ths Water in 3/8 Inch
/10ths Merc. in Inch

Volume 6.972 Cu. Ft.

Rock Pressure lbs. hrs.

Oil bbls., 1st 24 hrs.

Fresh water feet feet

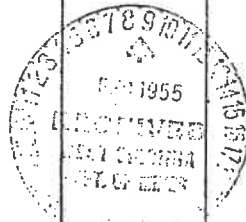
Salt water feet feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
18			
10		416'7"	Size of
8 3/4		1606'5"	Depth set
6 5/8			
5 3/16		2151'8"	
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED SIZE No. Ft. Date

COAL WAS ENCOUNTERED AT 1060 FEET INCHES
1155 FEET INCHES FEET INCHES
FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Top Maxon Sand			2160		Schlumberger	Measurement	
Gas			2174				
Bottom Maxon Sand			2182				
Cement			2186	2189	10 3/4" casing cemented with 150 bags cement no return		
Total Depth			2189		8 5/8" casing cemented with 350 bags cement no return		
Coal			1060	1062			
P. G. Coal			1155	1157	2 - 5 1/2" casing centralizers set at following depths: 1--790'; 2--2101'		
NOTE: Coal Record copied from original record							
NOTE: 5" casing not cemented							



DEC 05 2024

(Over)

02/07/2025

*Original Mailed to
Office 12-3-54*

4710300098P

Division **A Rider, W. Va.**

Record of well No. **F-13039** on **Mary Keefax** Farm Acres

Victory Storage, Haysfield	Proctor	Wetsel	County	W. Va.	State
Work Commenced	May 18,	1953,	Completed	May 23,	19 53
Drilling Commenced	May 23,	1953,	Completed	Sept. 30,	19 54
Contractor	J.R. Welch & Co. Tools		Address	Charleston, W. Va.	
Driller's Name	Hensman & Larch		& Pothel & Morris		

CASING AND TUBING RECORD

Conductor	18"	10"	8 1/4"	7"	6 5/8"	5 3/16"	4"	3"		
Used in Drlg.	Wood									
Left in well	13" x 16'		416' 7"			1606' 5"		2151' 8"		

PACKER RECORD

SHOOTING RECORD

Size	Depth Set	Type Packer	Date	Type Explosive	Amount	DEPTH		Volume Before Cu. Ft.	Volume After Cu. Ft.
						Top	Bottom		

VOLUME AND PRESSURE

Date	Reading in Inches	Liquid	Size Orifice	Volume	Sand	PRESSURE IN MIN.					24 Hour R. P.	Max. R. P.	Hours
						1	5	10	20	60			
9-30-54	4.0	Water	3/8	6.972	Maxon								

TOTAL INITIAL OPEN FLOW

CUBIC FEET PER 24 HOURS

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Top Maxon Sand	2160			Schlumberger Measurement
Gas	2174			
Bottom Maxon Sand	2182			10 3/4" Casing cemented with
Cement	2186	2189		150 bags cement no return
Total depth		2189		
				8 5/8" Casing cemented with 350 bags cement
				no return
				2- 5 1/2" Casing centralizers set at
				following depths,
				1- 790'
				2- 2101'
Coal	1060	1062		
P. G. Coal	1155	1157		
(Note) Coal record copied				(Note) Casing not cemented
from Original record.				

Examined above information and measurements and found to be correct by

Examined and Approved by

J. R. Welch & Company Tools

Contractor

[Signature]

Field Superintendent

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

02/07/2025

4710-3-00098A

FORM 109 C&D

The Manufacturers Light & Heat Company
Company

Division 4 Reader, W. Va.

Record of well No. (F-13039) L-4289 on Mary Redfox Farm Acres

Victory Storage, Readfield Proctor District Wetzel County W. Va. State

Set Mach. ~~for~~ Commenced May 18, 1953, Completed May 23, 1953

Drilling Commenced May 23, 1953, Completed Sept. 30, 1954

Contractor J.R. Welch & Co. Tools Address Charleston, W. Va.

Driller's Name Hensman & Larch & Pethel & Morris

STORAGE

SEPT. 30, 1954

CASING AND TUBING RECORD

	Conductor	13"	10"	8 1/4"	7"	6 5/8"	5 3/16"	4"	3"		
Used in Dril.	Wood					Measured with threads on.					
Left in well	13" x 16'		416' 7"	1606' 5"			2151' 8"				

PACKER RECORD

SHOOTING RECORD

Size	Depth Set	Type Packer	Date	Type Explosive	Amount	DEPTH		Volume Before Cu. Ft.	Volume After Cu. Ft.
						Top	Bottom		

VOLUME AND PRESSURE

Date	Reading in Inches	Liquid	Size Orifice	Volume	Sand	PRESSURE IN MIN.					24 Hour R. P.	Max. R. P.	Hours
						1	5	10	30	60			
9-30-54	4.0	Water	3/8	6.972	Maxon								

TOTAL INITIAL OPEN FLOW

CUBIC FEET PER 24 HOURS

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Top Maxon Sand	2160			Schlumberger Measurement
Gas	2174			
Bottom Maxon Sand	2182			10 3/4" Casing cemented with
Cement	2186	2189		150 bags cement no return
Total depth		2189		8 5/8" Casing cemented with 350 bags cement no return
				2- 5 1/2" Casing centralizers set at following depths, 1- 790' 2- 2101'
Coal	1060	1062		
P. G. Coal	1155	1157		
(Note) Coal record copied from Original record.				(Note) 5" Casing not cemented

DEC 05 2024
 W.V. Department of
 Environmental Protection
 Office of Oil and Gas

Examined above information and measurements and found to be correct by

Examined and Approved by

J. R. Welch & Company Tools

Contractor



Field Superintendent

02/07/2025

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

FORM G-8

AFFIDAVIT IN TRIPPLICATE TO TIME AND MANNER OF PLUGGING AND FILLING WELL

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

WEST VIRGINIA DEPARTMENT OF MINES OIL AND GAS DIVISION

Plugged
Nov. 30th,
1939

COAL OPERATOR OR OWNER Miller & Lewis
 NAME OF WELL OPERATOR
1004 Ann Street
 ADDRESS Parkersburg, W. Va.
 COMPLETE ADDRESS

COAL OPERATOR OR OWNER December 2, 1939
 WELL AND LOCATION
 ADDRESS Proctor District
Wetzel County

LEASE OR PROPERTY OWNER
 Well No. 1
 ADDRESS Mary Redfox, et al Farm

AFFIDAVIT TO BE MADE IN TRIPPLICATE. ONE COPY TO BE MAILED BY REGISTERED MAIL TO THE DEPARTMENT. ONE COPY TO BE RETAINED BY THE WELL OPERATOR AND THE THIRD COPY (AND EXTRA COPIES IF REQUIRED) TO BE MAILED TO EACH COAL OPERATOR ABOVE NAMED AT THEIR RESPECTIVE ADDRESSES.

AFFIDAVIT

STATE OF WEST VIRGINIA,
COUNTY OF Wetzel } ss:

Clair Starkey and Thomas Palmer
being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Miller & Lewis, well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 17th day of November, 1939, and that the well was plugged and filled in the following manner:

Manner in which sand was plugged: Pulled 2174'- 2" tubing.
Parted the 5 3/16" casing leaving 564' in the hole.
Filled with red clay to 1598' and
Cemented 1598'- 1588'
As casing was lifted filled 1588'- 1350'.
Cement 1350'- 1340'- Sealing hole completely above Salt Sands.
Set a Permanent bridge at 1187'- 30' below Pittsburgh Coal.
Cement 1187' - 1135'- 20' above Pittsburgh Coal.
Red Clay 1135'- 400'.
 Manner in which coal was plugged:
Cement 400'- 390'.
Red Clay 390' to the surface.
Erected Marker as required by rule 18, 1931 Regulations.

Description of monument:

(THE ABOVE DESCRIPTIONS MUST BE IN DETAIL AND IN ACCORDANCE WITH THE PROVISIONS OF SECTION 10, ARTICLE 4, CHAPTER 22 OF THE CODE)
and that the work of plugging and filling said well was completed on the 30th day of November, 1939.

And further deponents saith not.

Sworn to and subscribed before me this 2 day of December, 1939.

My Commission expires:

Clair Starkey
Thomas Palmer
[Signature]
Notary Public.

Division of Oil and Gas
Department of Mines
State of West Virginia
1000 University Building

DEC 05 2024

3-10

4710300098P

Form 6-5

**AFFIDAVIT IN TRIPLICATE TO TIME AND MANNER OF
PLUGGING AND FILLING WELL**
(REQUIRED BY SECTION 9, ARTICLE 4, CHAPTER 22 OF THE CODE)
**WEST VIRGINIA DEPARTMENT OF MINES
OIL AND GAS DIVISION**

COAL OPERATOR OR OTHER	<u>Miller & Lewis</u>
ADDRESS	<u>1004 Ann Street Parkersburg, W. Va.</u>
COAL OPERATOR OR OWNER	<u>December 2, 19 39</u>
ADDRESS	<u>Froctor District</u>
LEASE OR PROPERTY OWNER	<u>Watzel County</u>
ADDRESS	<u>Well No. 1</u>
	<u>Mary Redfox, et al Farm</u>

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

AFFIDAVIT

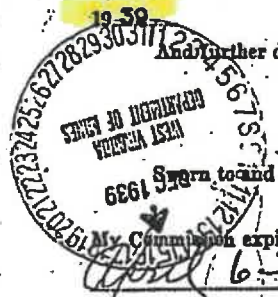
STATE OF WEST VIRGINIA,
COUNTY OF Watzel

being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Miller & Lewis, well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 17th day of November, 1939, and that the well was plugged and filled in the following manner:

Manner in which sand was plugged: Pulled 2174'- 2" tubing.
Parted the 5 3/16" casing leaving 564' in the hole.
Filled with red clay to 1598' and
Cemented 1598'- 1588'
As casing was lifted filled 1588'- 1350'
Cement 1350'- 1340' Sealing hole completely above Salt Sands.
Set a Permanent bridge at 1187'- 30' below Pittsburgh Coal.
Cement 1187' - 1135' 20' above Pittsburgh Coal.
Red Clay 1135'- 400'.
 Manner in which coal was plugged:
Cement 400'- 390'.
Red Clay 390' to the surface.
Erected Marker as required by rule 18, 1931 Regulations.

Description of monument:

(THE ABOVE DESCRIPTIONS MUST BE IN DETAIL AND IN ACCORDANCE WITH THE PROVISIONS OF SECTION 10, ARTICLE 4, CHAPTER 22 OF THE CODE)
and that the work of plugging and filling said well was completed on the 30th day of November, 1939.



And further deponents saith not.

Clair Starkey
Thomas Palmer
 Subscribed before me this 9 day of December, 1939.
G. H. Papp
 Notary Public.

76-98-P

net-12/07/2025

17-0200098P

G-70

* COPY.

WEST VIRGINIA DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

Permit No. Wet-92 Oil or Gas Well Gas
(Kind)

Company Hathaway & Lewis
Address Grantsville, W. Va.
Farm Lary Redfox, et al (Donlen Acres) 51
Location (waters) Lynn Camp
Well No. #1 Elev. _____
District Proctor County Netzel
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced July 1, 1935
Drilling completed _____
Date shot _____ Depth of shot _____
Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume _____ Cu. Ft. CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs. COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
Fresh water _____ feet _____ feet FEET _____ INCHES FEET _____ INCHES
Salt water _____ feet _____ feet FEET _____ INCHES FEET _____ INCHES

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			Size of
10			
8 3/4			Depth set
6 5/8			
5 3/16		2.162	Perf. top
3		2.174	Perf. bottom
2			Perf. top
Liners Used			Perf. bottom

DRILLING
JULY 1, 1935

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Clay Soil			1	20			
Conductor				15			
Slate Shells			20	136			
Red Rock			156	172			
Slate Shells			152	245			
Red Rock			2 5	256			
Line Gritty			256	295			
Red Rock			295	300			
Line			300	315			
Red Rock			315	390			
Line Gritty			390	410			
Red Rock			410	420			
Line			420	461			
Red Rock			461	470			
Line & Slate			470	595			
Red Rock			595	607			
Line & Slate			607	658			
Red Rock			658	684			
Line & Slate			684	785			
Line			785	835			
Slate & Line			835	958			
Line Hard			958	978			
Red Rock			978	980			
Sand			980	1036			
Slate			1055	1057			
Line			1057	1060			
Coal			1060	1062			
Slate Block			1062	1065			
Line			1065	1092			
Slate Shells			1092	1120			
Pink Rock			1120	1123			
Slate Shells			1123	1142			
Black Slate			1142	1155			
P. C. Coal			1155	1157			
Black Slate			1157	1160			
Line			1160	1170			
Slate White			1170	1185			
Line			1185	1205			
Red Rock			1205	1234			
Sand Hard			1234	1250			
Slate			1250	1253			
Sand Shell			1253	1261			

(Over)

02/07/2025

WV Department of Environmental Protection
 DEC 05 2024
 Office of Oil and Gas

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate			1261	1266			
Red Rock			1295	1310			
Lime			1310	1362			
Grey Slate Shells			1362	1415			
Lime			1415	1425			
Slate White			1425	1432			
Slate Black			1432	1441			
Lime Shell			1441	1444			
Red Rock			1444	1454			
Lime			1454	1468			
Grey Slate			1468	1468			
Lime			1468	1491			
Slate			1491	1505			
Slate Black			1505	1515			
Sand			1515	1525			
Slate White			1525	1534			
Slate Black			1534	1542			
Grey Slate			1542	1557			
Lime			1557	1559			
Red Rock			1559	1577			
Lime			1577	1589			
Black Slate			1589	1596			
Sand			1596	1614			
Black Slate			1614	1630			
Grey Slate			1630	1645			
Lime Shell			1645	1648			
Red Rock			1648	1655			
S. C. Sand			1655	1663			
Slate Shells			1663	1685			
Lime			1685	1730			
Black Slate			1730	1740			
Sand			1740	1771			
Black Slate			1771	1782			
Sand			1782	1810			
Lime			1810	1825			
Slate Black			1825	1845			
Lime			1845	1886			
Slate Black			1886	1910			
Sand Shell			1910	1918			
Slate			1918	1971			
Sand			1971	1984			
Black Slate			1984	1998			
Lime			1998	2018			
Grey Slate shell			2018	2026			
Sand Shell			2026	2107			
Slate			2107	2110			
Lime			2110	2118			
Grey Slate			2118	2125			
Lime			2125	2139			
Slate			2139				
Black Sand			2139	2179			
Sand			2179	2183			
Black Shell in sand							

WV Department of Environmental Protection
 DEC 05 2024

Date..... 19.....

APPROVED..... Owner

By..... (Title)

02/07/2025



McLaughlin, Jeffrey W <jeffrey.w.mclaughlin@wv.gov>

TC Energy Victory A 4289 Plugging Permit

1 message

Brad Nelson <brad_nelson@tcenergy.com>
To: "McLaughlin, Jeffrey W" <jeffrey.w.mclaughlin@wv.gov>

Tue, Dec 10, 2024 at 9:49 AM

Good morning, Jeff,

As we discussed yesterday, please see the statement below regarding TC Energy (Columbia Gas Transmission, LLC) storage well Victory A 4289, API # 47-103-00098-00-00.

Effective July 1st, 1971, assets for the Manufacturers Light and Heat Company merged into the Columbia Gas Transmission Corporation, effectively dissolving Manufacturers. This merger included the Victory A Storage well 4289 identified as API 47-103-00098. The linked report below with the WV Secretary of State also notes: "MERGER: ATLANTIC SEABORD CORP., A DE CORP., CUMBERLAND AND ALLEGHENY GAS COMPANY, A WV CORP., **THE MANUFACTURERS LIGHT AND HEAT COMPANY**, A PA CORP., UNITED FUEL GAS COMPANY, A WV CORP., HOME GAS COMPANY, A NY CORP., KENTUCKY GAS TRANSMISSION CORPORATION, A DE CORP AND THE OHIO FUEL GAS COMPANY, AN OH CORP, **MERGED WITH AND INTO COLUMBIA GAS TRANSMISSION CORPORATION**, THE SURVIVOR. ROLL 48"

[WV SOS - Business and Licensing - Corporations - Online Data Services](#)

Thank you,

Brad

Brad Nelson

Storage Engineer

Gas Storage – Well Engineering & Technology
brad_nelson@tcenergy.com

mobile: 724-250-0610 **desk:** 724-223-2753



455 Racetrack Road
Washington, PA 15301

[TCEnergy.com](https://www.tcenergy.com)

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02/07/2025

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02/07/2025

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West Virginia Secretary of State — Online Data Services

Business and Licensing

Online Data Services Help

Business Organization Detail

NOTICE: The West Virginia Secretary of State's Office makes every reasonable effort to ensure the accuracy of information. However, we make no representation or warranty as to the correctness or completeness of the information. If information is missing from this page, it is not in the The West Virginia Secretary of State's database.

COLUMBIA GAS TRANSMISSION, LLC

Organization Information								
Org Type	Effective Date	Established Date	Filing Date	Charter	Class	Sec Type	Termination Date	Termination Reason
LLC Limited Liability Company	5/27/1971		5/27/1971	Foreign	Profit			

Organization Information					
Business Purpose	4862 - Transportation and Warehousing - Pipeline Transportation - Pipeline Transportation of Natural Gas		Capital Stock		
Charter County			Control Number	0	
Charter State	DE		Excess Acres	0	
At Will Term	A		Member Managed	MBR	X Close
At Will Term Years		Pa	Hi, I'm SOLO! I can help you file your Annual Report.		
Authorized Shares		Entr			

Addresses

4710300098P

Type	Address
Mailing Address	700 LOUISIANA STREET, STE 1300 HOUSTON, TX, 77002 USA
Notice of Process Address	CORPORATION SERVICE COMPANY 209 WEST WASHINGTON STREET CHARLESTON, WV, 25302
Principal Office Address	700 LOUISIANA STREET, STE 1300 HOUSTON, TX, 77002 USA
Type	Address

Officers

Type	Name/Address
Member	COLUMBIA PIPELINES OPERATING COMPANY LLC 700 LOUISIANA STREET SUITE 1300 HOUSTON, TX, 77002
Type	Name/Address

Name Changes

Date	Old Name
1/30/2009	COLUMBIA GAS TRANSMISSION CORPORATION
Date	Old Name

Subsidiaries

Name	Address
	NISOURCE, INC 801 E 86TH AVENUE MERRILLVILLE, IN, 46410 USA
Name	Address

Hi, I'm SOLO! I can help you file your Annual Report.

Date	Amendment
1/30/2009	CONVERSION FILED CHANGING NAME FROM COLUMBIA GAS TRANSMISSION CORPORATION

02/07/2025

11/19/1997	AMEND TO ARTICLES OF INCORPORATION
1/4/1991	MERGER; MERGING COMMONWEALTH GAS PIPELINE CORPORA. A NON QUAL VA CORP, WITH AND INTO COLUMBIA GAS TRANSMISSION CORPORATION, A QUAL DE CORP, THE SURVIVOR.
11/14/1984	AMENDMENT: TO THE ARTICLES OF INCORPORATION.
3/31/1982	AMENDMENT: TO THE ARTICLES OF INCORPORATION.
3/2/1982	AMENDMENT: CERTIFICATE OF AMENDMENT
7/12/1973	AMENDMENT: CERTIFICATE OF AMENDMENT; ROLL 73
6/5/1973	AMENDMENT: CERTIFICATE OF INCORPORATION; ROLL 72.
1/23/1973	MERGER AMENDMENT: THE PRESTON OIL COMPANY MERGED WITH AND I NTO COLUMBIA GAS TRANSMISSION CORPORATION; ROLL 67.
7/29/1971	MERGER AMENDMENT: DUPLICATION OF ABOVE MENTIONED MERGER; RO LL 49
6/29/1971	MERGER: ATLANTIC SEABORD CORP., A DE CORP., CUMBERLAND AND ALLEGHENY GAS COMPANY, A WV CORP., THE MANUFACTURERS LIGHT AND HEAT COMPANY , A PA CORP., UNITED FUEL GAS COMPANY, A WV CORP., HOME GAS COMPANY, A NY CORP., KENTUCKY GAS TRANSMISSION CORPORATION, A DE CORP AND THE OHIO FUEL GAS COMPANY, AN OH CORP, MERGED WITH AND INTO COLUMBIA GAS TRANSMISSION CORPORATION, THE SURVIVOR. ROLL 48
Date	Amendment

Annual Reports	
Filed For	
2024	
2023	
2022	
2021	
2020	
2019	
2018	
2017	
2016	
2015	
2014	
2013	

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4710300098P

2012
2011
2010
2009
2008
2007
2005
2004
2003
2002
2001
2000
1999
Date filed

For more information, please contact the Secretary of State's Office at 304-558-8000.

Monday, December 9, 2024 — 11:47 AM

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Hi, I'm SOLO! I can help
you file your Annual
Report.

02/07/2025

WW-9
(5/16)

API Number 47 - 103 - 00098-00-00
Operator's Well No. _____

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

Operator Name Columbia Gas Transmission, LLC OP Code 307032

Watershed (HUC 10) Fish Creek Quadrangle Wileyville

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes No

Will a pit be used? Yes No

If so, please describe anticipated pit waste: Fresh water, cement returns, bentonite gel, NaCl salt

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

Proposed Disposal Method For Treated Pit Wastes:

- Land Application (if selected provide a completed form WW-9-GPP)
- Underground Injection (UIC Permit Number 34-119-28776, 34-167-23862)
- Reuse (at API Number _____)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain Appalachian Water Services, Station W1 Ronco WTP, Masontown, PA - Permit 2808201, Reserve Environmental Services (RES), Mud Masters)

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

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

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

Additives to be used in drilling medium? _____

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

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

-Landfill or offsite name/permit number? _____

Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated waste rejected at any West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed.

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment.

Company Official Signature Brad Nelson

Company Official (Typed Name) Brad Nelson

Company Official Title Storage Engineer

Subscribed and sworn before me this 17 day of October, 20 21

Jennifer Lupi

Notary Public

My commission expires Oct. 23, 2024

Commonwealth of Pennsylvania - Notary Seal
Jennifer Lupi, Notary Public
Washington County
My commission expires October 23, 2027
Commission number 232201

02/07/2023

Form WW-9

Operator's Well No. _____

Proposed Revegetation Treatment: Acres Disturbed <1.0 Prevegetation pH 6.5

Lime 2 Tons/acre or to correct to pH 7

Fertilizer type 10-10-10

Fertilizer amount 600 lbs/acre

Mulch 2 Tons/acre

Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
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: **Stephen Mccoy** Digitally signed by Stephen Mccoy
 Date: 2024.10.22 19:31:24 -04'00'

Comments: Properly reclaim, reseed, and mulch all disturbed areas to DEP standards.

Title: _____ Date: _____

Field Reviewed? () Yes () No

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

Operator Name: Columbia Gas Transmission, LLC

Watershed (HUC 10): Fish Creek Quad: Wileyville

Farm Name: _____

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

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

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

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

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

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

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

The closest water body is Middle Fork, approximately 1000 feet to the E / SE.
The nearest Wellhead Protection area is 7.8 mi. to the W / NW (WV3305206 - Grandview - Doolin PSD).

DEC 05 2024

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

N/A

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

N/A

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

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

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

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

Office of Oil and Gas
DEC 05 2024

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

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

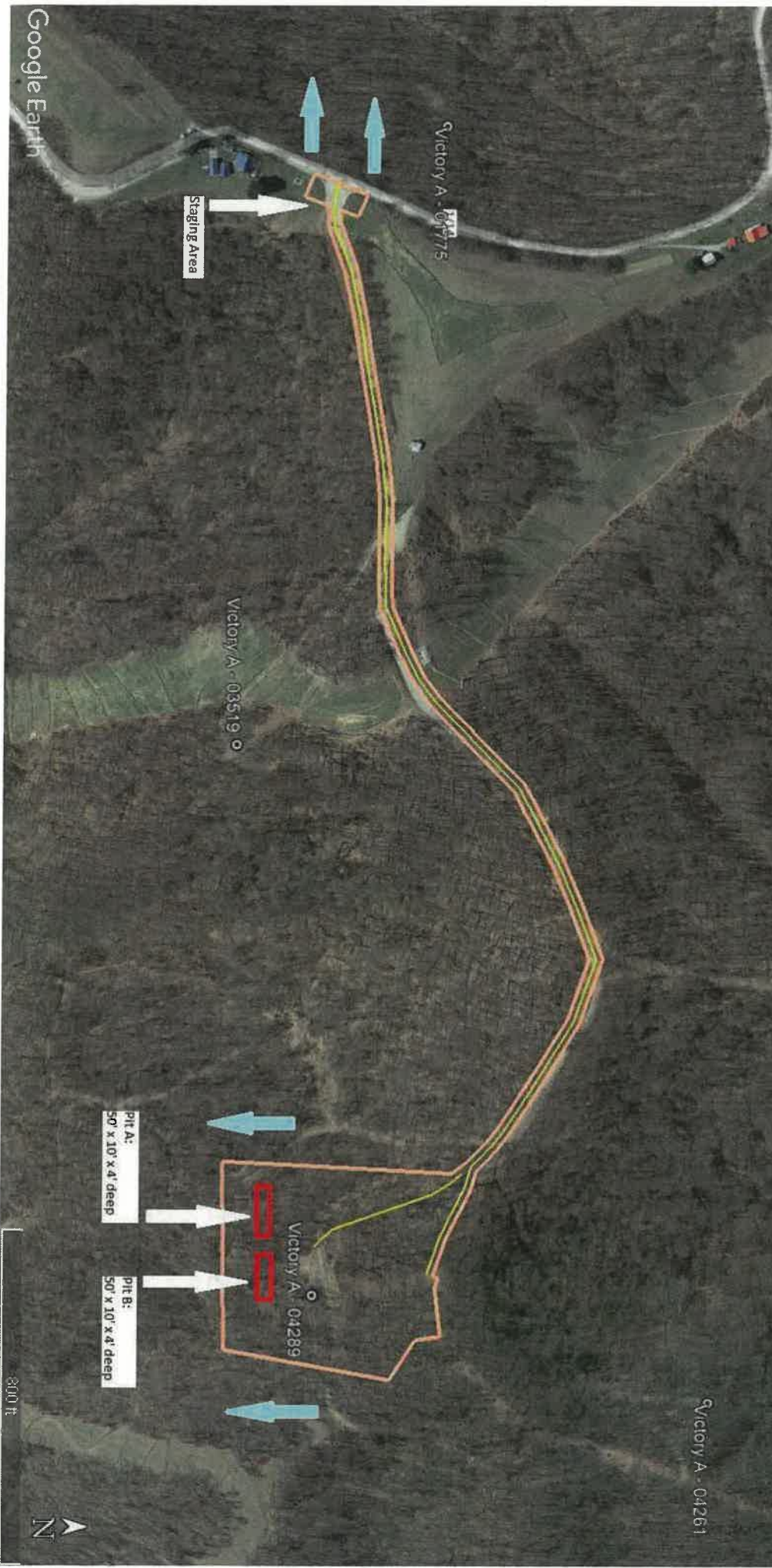
Signature: Brian M...

Date: 12/2/2024

47-103
- 00098F

WVDEP Reclamation Plan Site Overview / Detail

- Victory A 4288 (API 47-103-00098-00-00)
- BMPs and erosion control devices to be utilized per WVDEP guidelines and Columbia's WV Environmental Construction Standards
- Existing drainage, culverts, and road ditches to be maintained.
- Minor grading and surface material to be applied as needed.



Legend

- Victory A 4288
- Victory A 4288 Access Road
- Victory A 4288 LOD

DATE: 02/07/2025
TIME: 10:30 AM
PROJECT: 47-103-00098-00-00

Digitally signed by Stephen Mccoy
Date: 2025.02.07 19:23:17
+0800

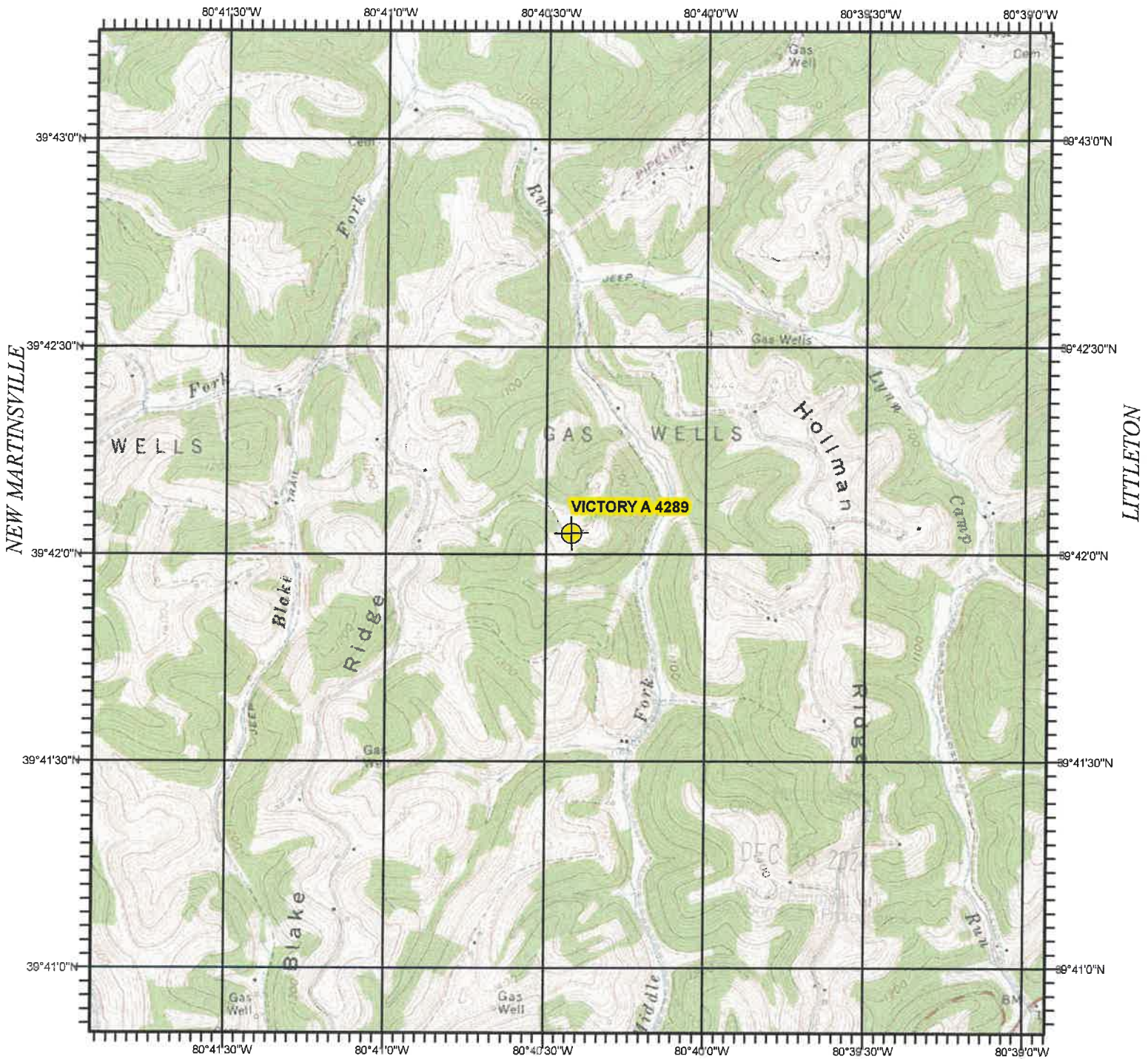
02/07/2025

4710300098P

POWHATAN POINT

GLEN EASTON

CAMERON

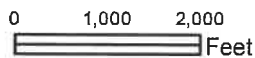
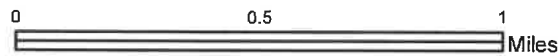


PORTERS FALLS

PINE GROVE

BIG RUN

VICTORY A 4289
WETZEL COUNTY, WV



USGS TOPOGRAPHIC QUADRANGLE
WILLEYVILLE, WV - 1976

North American 1983 Datum (NAD83)

SCALE 1:24,000

02/07/2025

4710300098P

WW-7
8-30-06



RECEIVED
Office of Oil and Gas

DEC 05 2024

WV Department of Environmental Protection

West Virginia Department of Environmental Protection
Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 47-103-00098-00-00 WELL NO.: Victory A 4289

FARM NAME: DANIEL & MARY DOPLER HRS.

RESPONSIBLE PARTY NAME: COLUMBIA GAS TRANSMISSION, LLC

COUNTY: Wetzel DISTRICT: Proctor

QUADRANGLE: Wileyville

SURFACE OWNER: Andrew D. & Andrea M. Shuluga Revocable Trust

ROYALTY OWNER: Annette Dopler Howell, David J. Dopler, Diane L. Shaffer, Jeri H. Dopler, Joseph D. Dopler, Jr., Dopler Family Trust

UTM GPS NORTHING: 4,394,608.426

UTM GPS EASTING: 527,974.826 GPS ELEVATION: 1,349'

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

- Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
- Accuracy to Datum – 3.05 meters
- Data Collection Method:

Survey grade GPS : Post Processed Differential

Real-Time Differential

Mapping Grade GPS : Post Processed Differential

Real-Time Differential

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

I the undersigned, hereby certify this data is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Office of Oil and Gas.

Digitally signed by Brad Nelson
Date: 2024.10.21 13:05:34
-04'00'

Storage Engineer

10/21/2024

Signature

Title

Date

02/07/2025