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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)

Monday, February 10, 2025  
WELL WORK PLUGGING PERMIT  
Vertical Plugging

COLUMBIA GAS TRANSMISSION, LLC  
1700 MACCORKLE AVENUE SE

CHARLESTON, WV 25314

Re: Permit approval for 4689  
47-051-00462-00-00

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: 4689  
Farm Name: YEATER, CLEMENS V  
U.S. WELL NUMBER: 47-051-00462-00-00  
Vertical Plugging  
Date Issued: 2/10/2025

## 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.

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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.

47051004629

WW-4B  
Rev. 2/01

1) Date October 8, 2024  
2) Operator's  
Well No. Victory B 4689  
3) API Well No. 47-051 - 00462-00-00

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 849' Watershed Fish Creek  
District Liberty County Marshall Quadrangle Glen Easton

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

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

10) Work Order: The work order for the manner of plugging this well is as follows: *For P, +*

Refer to enclosed:

*CK# 058787*  
*CK# 100.00*

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

DEC 05 2024

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

Work order approved by inspector Strader Gower Date 10/25/2024

02/14/2025

WELL JOB PLAN

Objective: Plug and Abandon Well

LAST PROFILE UPDATE:

TITLE: Plug and Abandon Well		WORK TYPE: WR	
FIELD: Victory B	WELL: 4689		
STAT: WV	SHL (Lat/Long): 0 0	API: 47-051-00462	
TWP: Liberty	BHL (Lat/Long): 0 0	CNTY: Marshall	

PROCEDURE

*Dual completion observation well: Big Injun = 2-3/8" tubing, Maxton = 2x5 annulus.  
 Pressures as of 2/22/23: 2-3/8" tubing = 210 psig, 2x5 annulus = 662 psig.  
 Objective is to P&A.  
 Will need to source a 7-1/16" API 2K companion flange to install on top of existing tubing head - thread profile on top of tubing head will need to be determined.  
 Note also that well cannot be accessed via vehicle due to washout on lease road - major repairs required.*

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 Office of Oil and Gas  
 FEB 10 2025  
 WV Department of  
 Environmental Protection

- 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 tubing and annular pressures.
- 11 Install a second tubing valve above existing valve as back up.
- 12 Install redundant annular valves on outboard side of existing valves as back up.

*\* Because tubing pressure is considerably lower than casing, tubing may have fluid or could be plugged.*

- 13 MIRU slickline unit. Run sinker bar to TD to ensure tubing is open.
- 14 Blowdown and bullhead pump and bleed kill tubing and annulus with brine - consult with WET engineer on fluid density.
- 15 Replace tubing plug valve with two full-bore valves.
- 16 MIRU wireline unit. Run CCL-caliper to identify depth of packer.  
 Perforate 2-3/8" tubing above packer with tubing punch so as NOT TO PERFORATE THRU 5-1/2" CSG. RDMO wireline.
- 17 Circulate wellbore with kill weight fluid to remove entrapped gas.
- 18 Monitor well pressures for a couple days to evaluate kill status.
- 19 Remove tubing valves and install ~5' long pup jt with full opening safety valve (ie. TIW) on top.
- 20 MIRU service rig.
- 21 Circulate wellbore with kill weight fluid to remove stranded gas.

*\* Due to wellhead configuration well control will not exist during next phase of procedure - obtain waiver from WET Team Leader/Manager. EXPEDITE TASKS TO MINIMIZE RISK. Circulate across top of 2x5 annulus during next NU phase of procedure.*

- 22 Optional: install backpressure plug inside tubing as barrier. Extremely low AOF may not require - consult with WET engineer.
- 23 Remove wellhead components down to tubing head.
- 24 Strip over and install: 7-1/16" 2K companion flange on top of existing tubing head and 7-1/16" gate valve.
- 25 NU 7-1/16" double ram BOP (blind bottom & 2-3/8" pipe top) with kill and choke outlets on bottom, and annular. Function and pressure test if possible - request pressure testing documentation from supplier in the event not able to pressure test after NU.
- 26 Pull tubing, packer, and tailpipe. CAUTION: pull packer slow to prevent swabbing in kick.
- 27 Obtain CBL from TD to surface - keep hole full of fluid. Consult with WET engineer prior to proceeding to determine if change in scope required based on CBL.
- 28 RIH with cut-lip shoe on tubing and clean to hard bottom. NOTE - set maximum torque on power swivel to 1600 ft-lbs (max make-up torque for 2-3/8" EUE API 8rd tubing).
- 29 Consult with State Inspector, and if approved, install balanced cement plug from TD to ~1400'. PU above cement top, clean work string, pull 10 jts above cement top, close BOPs, and WOC minimum 6 hours.
- 30 Tag cement. If cement top is deeper than 1500' install second balanced plug. TOOH.
- 31 Install cast-iron DBP above cement plug. Perform 200 psig pressure test to confirm barrier integrity.
- 32 RIH and Install balanced plug(s) from top of DBP to 700' (approx. 80' below base of Pittsburgh Coal). WOC 4 hours and tag cement. If cement is deeper than 800' install second cement plug. TOOH.

4705100462 P

<b>WELL JOB PLAN</b>		<b>STS Well Engineering &amp; Technology</b>		PAGE 4	<b>DATE JOB PREPARED:</b> 1/6/2025
<b>Objective:</b> Plug and Abandon Well				<b>LAST PROFILE UPDATE:</b>	
<b>TITLE:</b> Plug and Abandon Well			<b>WORK TYPE:</b> WR		
<b>FIELD:</b> Victory B	<b>WELL:</b> 4689				
<b>STAT:</b> WV	<b>SHL (Lat/Long):</b> 0 0		<b>API:</b> 47-051-00462		
<b>DIST/TWP:</b> Liberty	<b>BHL (Lat/Long):</b> 0 0		<b>CNTY:</b> Marshall		

**MANAGEMENT OF CHANGE (MOC) DETAILS**

\* Step (33) assumes coal operator invokes right to plug to their standards, if both the 5-1/2" and 8-5/8" casings cannot be pulled from below Pittsburgh Coal.  
 \* If coal operator does not invoke their right to plug to MSHA standards, plug to WVDEP standards and continue with job plan step (34).  
 \*\* Verify depth of Pittsburgh Coal and correlate to rig floor.

- 33 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.
- 34 TIH and spot balanced cement plug(s) from top of last plug to depth of cement behind the 5-1/2" casing.
- 35 ND BOPs and remove remainder of wellhead.
- 36 Weld pulling nipple onto 5-1/2" and 8-5/8" casings.
- 37 Free point and cut/pull all 5-1/2" casing that is free.
- 38 Free point and cut/pull all 8-5/8" casing that is free.  
Do no pull 13-3/8" casing - leave in the event future well intervention required.
- 39 RIH and spot balanced cement plugs from top of last cement plug to surface.
- 40 Top off all annuli with cement.
- 41 Install casing monument with API number affixed.
- 42 Reclaim road and location.

THIS WELL IS OUTSIDE UNDERGROUND MINING.

*gwm*

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 Office of Oil and Gas  
**FEB 10 2025**  
 WV Department of  
 Environmental Protection

### Underground Mines

#### Underground Mining


















#### Surface Mining

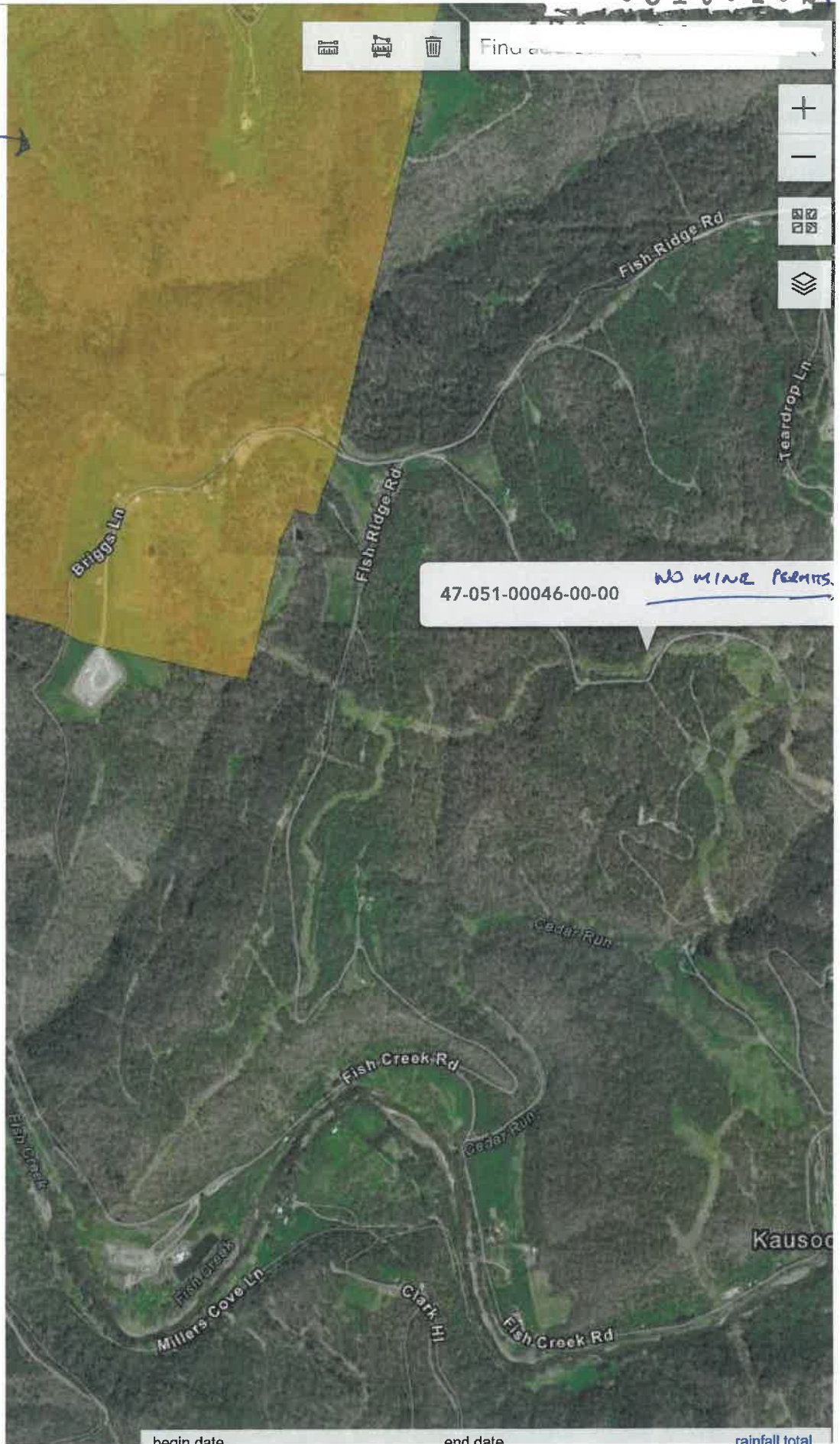
-  Surface Mined
-  Auger Mined
-  Highwall Mined

### Mining Permits

permit boundary- Inspect status

#### Inspection Status

-  NS-Not Started
-  AM-Active, Moving Co
-  AQ-Active Quarry
-  A1-Active, Moving Co; Possible
-  A2-Active, Reclamation only
-  A3-Active, Reclaimed
-  A4-Active, No coal removed
-  IA-Approved inactive Status
-  P1-Phase 1 release (backfill/grading)
-  PV-Phase 1 release (60% revegetation or MR-1)
-  P2-Phase 2 release, revegetated
-  RC-Reclaimed, but Chemical treatment of
-  Completely Released
-  Revoked
-  None Available



47-051-00046-00-00 NO MINE PERMITS.

begin date  end date  rainfall total  update

02/14/2025

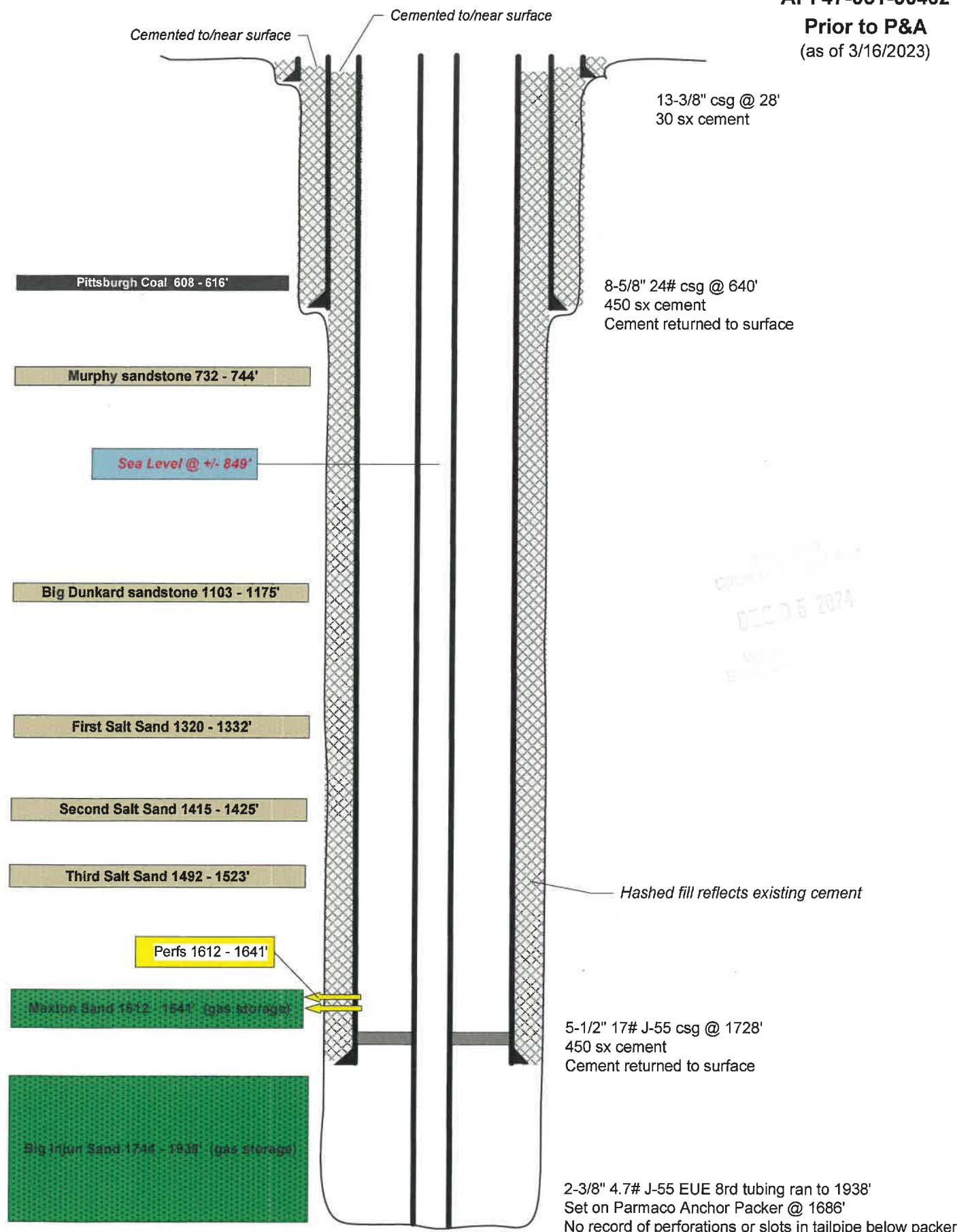
# Victory B 4689

API 47-051-00462

Prior to P&A

(as of 3/16/2023)

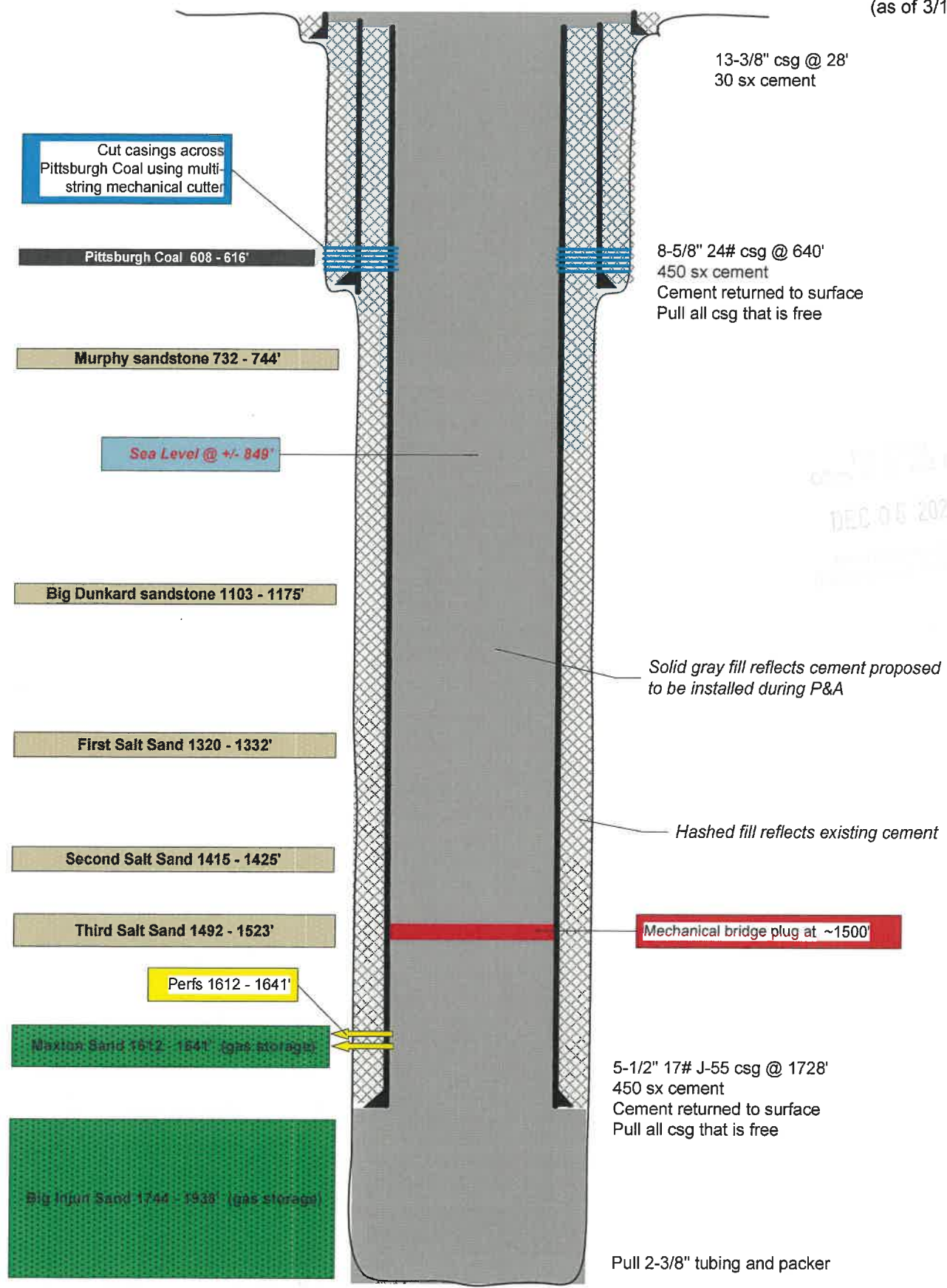
~ not to scale ~



DEC 05 2024

**Victory B 4689**  
**API 47-051-00462**  
**Proposed P&A**  
(as of 3/16/2023)

~ not to scale ~



TD 1938'

02/14/2025



4705100462P



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

Quadrangle Cameron

WELL RECORD

STORAGE

Permit No. MARS-462

Oil or Gas Well GAS  
(KIND)

Company The Mfrs. Lt. and Et. Co.  
Address 800 Union Trust Bldg., Pittsburgh 19, Pa.  
Farm Clemens V. Yeater Acres 60  
Location (waters)  
Well No. 4689 Elev. 848.9'  
District Liberty County Marshall  
The surface of tract is owned in fee by  
Address  
Mineral rights are owned by  
Address  
Drilling commenced September 21, 1962  
Drilling completed October 2, 1962  
Date Shot 10/2/62 From Big Injun  
With Orifice Gas Well Tester  
Open Flow 1 1/4 10ths Water in 1/4 Inch  
1/10ths Merc. in 1/4 Inch  
Volume 2,084 Cu. Ft.  
Rock Pressure 275 lbs. 13 days. hrs.  
Oil          bbls. 1st 24 hrs.  
Fresh water          feet  
Salt water          feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
10			
13 3/8"	28'	28'	
10			Size of
8 1/2 5/8"	640'	640'	
8 1/2 5 1/2"	1728'	1728'	Depth set
5 8/16			
8			Perf. top
2 3/8"	1938'	1938'	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED          SIZE          No. Ft.          Date         

COAL WAS ENCOUNTERED AT 608 FEET INCHES  
         FEET          INCHES          FEET          INCHES  
         FEET          INCHES          FEET          INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Pittsburgh Coal			608	616			
Murphy Sand			732	744			
Big Dunkard			1103	1175			
First Salt Sand			1320	1332			
Second Salt Sand			1415	1425			
Third Salt Sand			1492	1523			
Maxton Sand			1612	1641	Perforated	4-Shots Per Foot	
Big Lime			1700	1742	Not Drilled through		
Big Injun			1744				
Formation Packer Shoe Set @							
5-1/2" Halliburton				1730			
Total Depth				1938			



(Over)

02/14/2025



COLUMBIA GAS SYSTEM - PITTSBURGH GROUP COMPANIES

WELL LOG SUMMARY

LOCATION	COMPANY		DIV. FIELD		WELL NO.			
	The Manufacturers Light and Heat Company		Cameron, W. Va.		1689			
	FARM	ACRES	LEASE NO.	DISTRICT	COUNTY	STATE		
	C. V. Yeater	60	27951	Liberty	Marshall	W. Va.		
CONTRACTOR	TOP HOLE CONTRACTOR	CONTRACTOR		Type of Rig				
	DRILLING CONTRACTOR	CONTRACTOR		Type of Rig				
		Lohmann and Johnson Oil Co., Inc		Rotary Drilling Machine				
		1917 Clark Building		1938 ft.				
		Pittsburgh 22, Pennsylvania		1938 ft.				
		COMPLETED (DATE)		COMPLETED TOTAL DEPTH		DATE PURCHASED FOR. WELL NO.		
		9-21-62 Well 10-2-62		1938 ft.				
HOLE SIZE	BIT GAUGE (INCHES)	17-1/4"	12-1/4"	7-7/8"	7-7/8"			
	FROM-TO (FEET)	0-28'	0-688'	0-1938'	0-1938'			
CASING AND TUBING	SIZE (O.D.)	13-3/8"	8-5/8"	5-1/2"	2-3/8"			
	WEIGHT/FOOT	48#	21#	17#				
(All Measurements less threads)	STEEL GRADE	H	J	J				
	COUPLING TYPE	Short	Short	Short	Upset			
	SETTING DEPTH	28'	640'	1728'	1938'			
	LEFT IN HOLE	28'	640'	1728'	1938'			
CEMENT	NO. OF SACKS	30	150	150				
	TYPE	(By Rig Crew)	T-S	T-S				
PACKER	WEIGHT #/GAL.	14.6	14.6					
	MANUFACTURER		Halliburton	Farmco				
	TYPE		Formation	Anchor				
	SIZE		5-1/2"	2-3/8"	5-1/2"			
	SETTING DEPTH		1730'	1686'				
WELL STIMULATION	TREATMENT	TYPE *	SIZE AND/OR AMOUNT	ZONE TREATED	OPEN FLOW MCF/DAY	PERFORMED BY		
	(NONE)			From to	Before After			
				From to	Before After			
				From to	Before After			
OPEN FLOW TEST	DATE GAUGED	FORMATION	PAY ZONE	TYPE GAUGE (SPECIFY)	PRESSURE (SPECIFY UNITS)	SIZE OPENING-IN.		
	9   28   62	Maxton Sand	From 1612 to 1641	Orifice Gas Well Tester	0"	1/4"		
	10   2   62	Big Injun	From 1744 to 1938	Same	1.4"	1/4"		
WELLHEAD PRESSURE TESTS	DATE TAKEN	FORMATION	MINUTE PRESSURE - PSIG			WELLHEAD PRESSURE - PSIG		
	10   15   62	Big Injun	1	3	5	10	20	30
			(NONE TAKEN)			24 HR.	48 HR.	72 HR.
							275	13-Days
MISC.	DEPTH MEASUREMENT TAKEN FROM:			DIST. TO GROUND	ELEVATION			
	<input checked="" type="checkbox"/> Derrick Floor <input checked="" type="checkbox"/> Ground <input type="checkbox"/> Other (Specify)			0 ft.	818.9'			
	LOGGED	LOGGED BY (COMPANY)			DATE LOGGED			
	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Schlumberger Well Surveying Corporation			9   26   62			
REMARKS	* Note: Form PD-17 "Well Fracture Report" to be completed and attached, if applicable							
	Casing Centralizers Spaced on 8-5/8" Casing at 605', 512' and 1'. Cement Basket at 508'. Centralizers Spaced on 5-1/2" Casing at 1692', 1625', 1559', 1426', 1327', 1229', 1032', 797', 533', 333', 133', and 1'. Wall Scrapers Spaced on 5-1/2" Casing 1658', 1592', 1525', 1458', 1393', and 1294'. Good Cement Return on 5-1/2" and 8-5/8" Casings.							
	Ping Down Pressures							
	5-1/2"	8-5/8"						
	800#	150#	Drilling Completed September 27, 1962					

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FEB 6

Production Department S. G. D.

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

Verified by *Andrew T. Hallock*  
DIVISION ENGINEER

Approved by *Arthur T. Hallock*  
DIVISION SUPERINTENDENT

WELL LOG SUMMARY

DIV.	FIELD	FARM	COUNTY	WELL NO.
lv	Cameron, West Virginia	C. V. Yeater	Marshall	1689
ORIGIN OF FORMATION DEPTHS		<input type="checkbox"/> Driller's Log	<input checked="" type="checkbox"/> Service Company Log	<input type="checkbox"/> Combination

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS (Water, Gas, Oil encountered-Open Flows-Rock Pressure-etc.)
Pittsburgh Coal	608	616		
Murphy Sand	732	744		
Big Dunkard	1103	1175		
First Salt Sand	1320	1332		
Second Salt Sand	1415	1425		
Third Salt Sand	1492	1523		
Maxton Sand	1612	1641		Perforated 4-Shots Per Foot
Big Lime	1700	1742		
Big Injun	1744			Not Drilled through
Formation Packer Shoe Set @ 5-1/2" Halliburton		1730		
Total Depth		1938		
				Drilled 17-1/4" Hole with Air to 28'
				Run 28' of 13-3/8" Casing, Smls. Gr. H 1 1/8" set at 28'. Cemented with 30 Bags of Cement by Rig Crew.
				Drilled 12-1/4" Hole with Air to 688'
				Run 642' of 8-5/8" Casing, Sm. Gr. J 2 1/2" set at 640'. Cemented it with 150 Bags of Cement. Good Cement return at the Surface.
				Drilled 7-7/8" Hole with Air to 1263'
				Drilled 7-7/8" Hole with Gas from 1263' to 1938'. Run 1752' of 5-1/2" Casing, Smls. Gr. J 1 7/8" on a Halliburton Formation Packer Shoe set at 1730' Cemented it with 150 Bags of Cement. Good Return at the Surface
				Run 1940' of 2-3/8" Upset Tubing, Smls. Gr. J - 8-Round 1 1/2" set at 1938' 2-3/8" x 6 Anchor Packer Set at 1686'

**NOTICE OF WELL STATUS CHANGE**

Mailed to  
Pg. 11-7-62

COMPANY <b>The Manufacturers Light and Heat Company</b>		FIELD <b>Cameron, W. Va.</b>	DIV. <b>4</b>	FOREIGN WELL NO. (IF ANY)	COMPANY WELL NO. <b>4689</b>
FARM NAME <b>G. V. Yeater</b>	DISTRICT <b>Liberty</b>	COUNTY <b>Marshall</b>	STATE <b>W. Va.</b>	LEASE-BOOK NO. <b>27951</b>	ACRES <b>60</b>
LAST ACTIVE WELL ON FARM <input type="checkbox"/> YES <input type="checkbox"/> NO		(THIS BLOCK FOR GENERAL OFFICE USE ONLY)			
<input type="checkbox"/> SURRENDER LEASE		<input type="checkbox"/> RENEW LEASE		<input type="checkbox"/> OTHER	

STATUS PRIOR TO THIS REPORT	<input checked="" type="checkbox"/> DRILLING WELL	<input type="checkbox"/> Production	<input checked="" type="checkbox"/> Storage
	<input type="checkbox"/> ACTIVE WELL	<input type="checkbox"/> Production	<input type="checkbox"/> Storage
	<input type="checkbox"/> ABANDONED WELL		
WELL STATUS CHANGE OR WORK PERFORMED	<input checked="" type="checkbox"/> COMPLETED	<input checked="" type="checkbox"/> Gas	<input type="checkbox"/> Dry
	<input type="checkbox"/> REDRILLED FOR STORAGE	<input type="checkbox"/> Retained	<input type="checkbox"/> Abandoned
	<input type="checkbox"/> RECONDITIONED	<input type="checkbox"/> Retained	<input type="checkbox"/> Abandoned
	<input type="checkbox"/> RECONDITIONED & TRANSF. TO STORAGE		
	<input type="checkbox"/> TRANSFERRED TO	<input type="checkbox"/> Production	<input type="checkbox"/> Storage
	<input type="checkbox"/> PURCHASED FOR	<input type="checkbox"/> Production	<input type="checkbox"/> Storage
	<input type="checkbox"/> DRILLED DEEPER		
	<input type="checkbox"/> PLUGGED AND ABANDONED		
	<input type="checkbox"/> SOLD		

Remarks **New Well Drilled for Victory Storage By:**  
**Johnson and Johnson Oil Co., Inc.,**  
**1917 Clark Building**  
**Pittsburgh 22, Pennsylvania**

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 Chief of the Gas  
 DEC 03 2024  
 Environmental Protection

COMPLETION DATA (If applicable)	DRILLED TO <b>1938</b> feet <b>Big Injan</b> sand	PLUGGED BACK <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES If Yes, to depth of _____ feet _____ sand
	WELL TREATMENT <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes If Yes, Type of Treatment _____	
	OPEN (If applicable)	TYPE OF GAUGE <input type="checkbox"/> Orifice Well Tester <input type="checkbox"/> Pitot Tube <input type="checkbox"/> Other (Specify) _____
	FLOW	GAUGE READING _____ inches <input type="checkbox"/> Mercury <input type="checkbox"/> Water or _____ psig through _____ inch opening after blowing _____ hours
	TEST	TYPE OF GAUGE <input checked="" type="checkbox"/> Orifice Well Tester <input type="checkbox"/> Pitot Tube <input type="checkbox"/> Other (Specify) _____
	READING	GAUGE READING <b>3.4</b> inches <input type="checkbox"/> Mercury <input checked="" type="checkbox"/> Water or _____ psig through <b>1/4"</b> inch opening after blowing <b>30 Min</b>

AUTHORIZATION FOR WORK PERFORMED	<input checked="" type="checkbox"/> Well Order Number <b>4689</b> Budget No. <b>2200</b>
	<input type="checkbox"/> Work Order Number _____
	<input type="checkbox"/> Abandonment Order Number _____
WORK PERFORMED BY	CONTRACTOR'S NAME <b>Johnson and Johnson Oil Co., Inc.,</b>

For General Office Use			
DEPARTMENT	SECTION	NOTED BY	DATE
PRODUCTION	Geology		
	Storage		
	Clerical		
	Map		
LAND OPERATING	---		
TREASURY	Land Accounting		
	Plant Accounting		
CIVIL ENGINEERING	---		

Compiled By **Bennett and Bonar** Date **11-1-62**

Approved By \_\_\_\_\_ Date \_\_\_\_\_  
 DIVISION SUPERINTENDENT

Return to Land Operating Department for filing

02/14/2025

FINAL REPORT OF MATERIAL CHARGED TO AND USED IN DRILLING AND EQUIPPING

Well No. 6697

Date Work Started September 21, 1962 Date Work Completed October 2, 1962  
 Compiled By Bennett and ORIGINAL SIGNED BY DUANE T. CITTLE JAN 24 1963  
 Honor Date Jan. 10 19 63 Div. Supt. \_\_\_\_\_ Date \_\_\_\_\_ 19\_\_\_\_

Material Transfer Numbers (Division Numbers) Per: Orders B-55380, B-55402, B-58392, 61645, 63159, 63429, 63770, 64170, 66229, 66901, E.F.O. 369516, Div. No. 4 Trans. (1962) Oct. B-3, B-16, B-17, B-18, B-20, B-29, 31, 32, 50, 61, 70, 113, 114, 128, Nov. B-40, 28, (1963) Jan. B-47, B-48, B-49, 206, 265

MATERIAL INSTALLED

Quantity	Size	Description	Quantity	Size	Description
✓ 28'	11-3/8"	Casing, Sals. Cr. R 129			
✓ 612'	8-5/8"	Casing, Sals. Cr. J 219			
✓ 1	8-5/8"	Floot Shoe			
✓ 2	8-5/8"	Catcher Gato			
✓ 3	8-5/8" x 13-3/8"	Casing Centralisers			
✓ 1736'	5-1/2"	Casing, Sals. Cr. J 179			
✓ 6	5-1/2"	Wall Scratchers			
✓ 12	5-1/2" x 8-5/8"	Casing Centralisers			
✓ 1	5-1/2"	Formation Packer Shoe			
✓ 1940'	2-3/8"	Tubing, Upset Head 19			
✓ 1	2" x 5-1/2"	Furnco Gas Amber Packer			
✓ 1	5-1/2" x 2-3/8"	Casing Head W/Slips			
✓ 1	2"	Nipple, Sm. E. R.			
✓ 1	2"	Valve, Hd. Pg. Flg-2344-21609 WCG			
✓ 1	2"	Nipple, Sm. E.R., (T.O.R.)			
✓ 1	2"	Flange, W/H 8/60			
✓ 1	2"	Gasket, Ring Asbestos			
✓ 8	5/8" x 1-1/8"	Bolts, A.T., H.T.			
✓ 1	2"	Flange, Blind Brd. 8/60			
✓ 1	1/2"	Valve, Needle H/T 1109 40009 WCG			
✓ 1	1/2"	Plug, Steel			
Miscellaneous Material Used					
✓ 930	Bag	Cement			
✓ 95	Bag	Aquagel			
✓ 12	Bag	Hydrotan			
✓ 5	Bag	Flocals			
✓ 12	Bag	Nicotax			
✓ 14	Bag	Calcium Chloride			
✓ 3	Bag	Cellex			
✓ 2	2"	Collars, Pipe Steel			
✓ 1	1/2"	Valve, Needle H/T 1109 40009 WCG			
✓ 1	1/2"	Plug, Steel			
✓ 1	5-1/16" x 2"	Nipple, Smg. I. S.			
✓ 244	C.F.	Oxygen			
✓ 116	C.F.	Acetylene			
✓ 14-lb	1" x 1-1/2"	Flat Steel			

List above ONLY material left in and at the well which is being used in the operation of said well, including Casing, Tubing, Wire Lines, Rods, Pumping Outfits, Packers, Tanks, Boilers, Engines, Casing heads, and all well connections, but not including Drips or Branch Lines.

Depth of well 1938 Feet Well produces Gas from Big Injun Sand  
 Rock Pressure 275 Lbs. at 13 Days

Form CE-15.

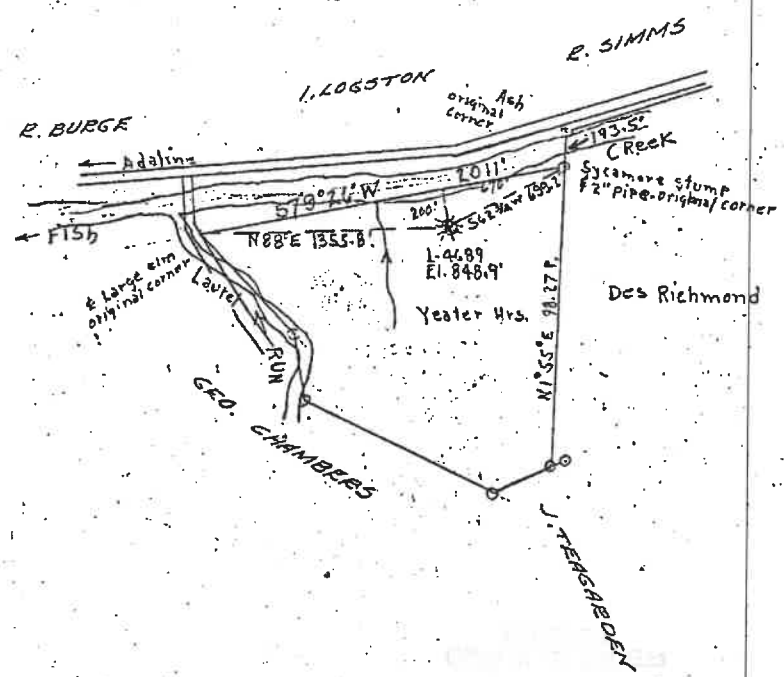
COLUMBIA GAS SYSTEM - PITTSBURGH GROUP COMPANIES

D.T. CABLE

WELL LOCATION PLAT

COMPANY The Manufacturers Light and Heat Company	WELL NO. L-4689	LEASE NO. L-27951	ACRES 60	WELL NO. 1 ON FARM	BUDGET 2200
FARM NAME Clemens V. Yeater	DISTRICT, TOWN, TOWNSHIP Liberty		COUNTY Marshall	STATE W. Va.	
BOUNDED ON THE	TYPE OF WELL		FOR		
NORTH BY Roscoe Fair and Fish Creek	<input type="checkbox"/> PRODUCTION	<input checked="" type="checkbox"/> NEW DRILLING			<input type="checkbox"/> REDRILL
EAST BY Thomas Heirs	<input checked="" type="checkbox"/> STORAGE	<input type="checkbox"/> DRILLING DEEPER			<input type="checkbox"/> RECONDITION
SOUTH BY Bruce Blake Heirs	DATE LOCATED		FIELD BOOK	PAGE	ENGINEER
WEST BY George Chambers	5   62		1061		J. French
COAL OWNER M. A. Hanna Coal Company	RIGHTS THRU COAL	STORAGE PRIVILEGE	ROYALTY	INVENTORY MAP NO.	
	<input checked="" type="checkbox"/> YES	<input checked="" type="checkbox"/> YES	73 qtr. \$300 Ann.	0-25-28	
	<input type="checkbox"/> NO	<input type="checkbox"/> NO	RESERVATIONS	DRAWING NO.	SCALE
			200'	Y-25-568	1" = 800

New well to be drilled for storage purposes on Well order L-4689.



TO \_\_\_\_\_ DIVISION SUPERINTENDENT LOCATION DATE ISSUED

You are hereby Authorized to Commence Work on the above Well at once.

*Albert J. Marshall*  
LAND AGENT

*J. H. Day*  
SUPERINTENDENT OF PRODUCTION

02/14/2025



4705100462P

Select County: (051) Marshall  (Check All)

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

Enter Permit #: 00462

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

**Well: County = 51 Permit = 00462** [Link to all digital records for well](#)

Report Time: Monday, December 09, 2024 9:20:35 AM

WV Geological & Economic Survey:

Location Information: [View Map](#)

API	COUNTY	PERMIT	TAX_DISTRICT	QUAD_75	QUAD_15	LAT_DD	LON_DD	UTME	UTMN
4705100462	Marshall	462	Liberty	Glen Easton	Cameron	39.763615	-80.633636	531380.3	4401585.5

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
4705100462	10/2/1962	9/21/1962	Original Loc Completed	Clemens V Yeater	1	4689		27951		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
4705100462	10/2/1962	9/21/1962	849	Ground Level	Kausooth	Big Injun (Price&eq)	Big Injun (Price&eq)	Miscellaneous Well	Unsuccessful	Storage	unknown	Shot	1938		1938		0	2

There is no Pay data for this well

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
4705100462	Original Loc	Pittsburgh coal	Well Record	608	Reasonable	8	Reasonable	849	Ground Level
4705100462	Original Loc	Morgantown Ss/Murphy	Well Record	732	Reasonable	12	Reasonable	849	Ground Level
4705100462	Original Loc	Mahonig Ss/Big Dunk	Well Record	1103	Reasonable	72	Reasonable	849	Ground Level
4705100462	Original Loc	Homewd Ss/Zn Cow Run	Past WVGES Staff Geologist	1320	Reasonable	12	Reasonable	849	Ground Level
4705100462	Original Loc	1st Salt Sand	Past WVGES Staff Geologist	1415	Reasonable	10	Reasonable	849	Ground Level
4705100462	Original Loc	2nd Salt Sand	Past WVGES Staff Geologist	1492	Reasonable	31	Reasonable	849	Ground Level
4705100462	Original Loc	Maxton	Well Record	1612	Reasonable	29	Reasonable	849	Ground Level
4705100462	Original Loc	Greenbrier Group	Well Record	1700	Reasonable	44	Reasonable	849	Ground Level
4705100462	Original Loc	Big Lime	Well Record	1700	Reasonable	42	Reasonable	849	Ground Level
4705100462	Original Loc	Big Injun (Price&eq)	Well Record	1744	Reasonable	0	Reasonable	849	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
- There is no Plugging data for this well
- There is no Sample data for this well



4705100462P

WW-4A  
Revised 6-07

1) Date: 10/8/2024  
2) Operator's Well Number  
Victory B 4689

3) API Well No.: 47 - 051 - 00462-00-00

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

<b>4) Surface Owner(s) to be served:</b>	<b>5) (a) Coal Operator</b>
(a) Name <u>Thirrel A. and Roberta M. Altman</u>	Name <u>Marshall County Coal Resources, Inc.</u>
Address <u>P.O. Box 360911</u>	Address <u>46226 National Road</u>
<u>Melbourne, FL 32936</u>	<u>St. Clairsville, OH 43950</u>
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>Consol RCPC, LLC</u>
	Address <u>1000 Consol Energy Drive</u>
	<u>Canonsburg, PA 15317</u>
(c) Name _____	Name _____
Address _____	Address _____
<b>6) Inspector</b>	<b>(c) Coal Lessee with Declaration</b>
Address <u>Strader Gower</u>	Name <u>N/A</u>
<u>2525 West Alexander Road</u>	Address _____
<u>Valley Grove, WV 26060</u>	
Telephone <u>(304) 993-6188</u>	

RECEIVED  
OFFICE OF OIL AND GAS  
DEC 7 5 2024

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

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

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

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

Commonwealth of Pennsylvania - Notary Seal  
Jennifer Lupi, Notary Public  
Washington County  
My commission expires October 23, 2027  
Commission number 1282201

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

Subscribed and sworn before me this 17th day of October 2024  
Jennifer Lupi Notary Public  
 My Commission Expires October 23, 2027

**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).

02/14/2025

4705100462P

9589 0710 5270 0481 9774 16

**U.S. Postal Service™**  
**CERTIFIED MAIL® RECEIPT**  
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For delivery information, visit our website at [www.usps.com](http://www.usps.com).

Melbourne, FL 32936

**Certified Mail Fee** \$4.85

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

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

**Postage** \$3.15

**Total Postage and Fees** \$12.10

Sent To: Thirrel A. and Roberta M. Altman  
 Street and Apt. No., or PO Box No. P.O. Box 360911  
 City, State, ZIP+4® Melbourne, FL 32936

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

**Certified Mail service provides the following benefits:**

- A receipt (this portion of the Certified Mail label).
  - A unique identifier for your mailpiece.
  - Electronic verification of delivery or attempted delivery.
  - A record of delivery (including the recipient's signature) that is retained by the Postal Service™ for a specified period.
- Important Reminders:**
- You may purchase Certified Mail service with First-Class Mail®, First-Class Package Service®, or Priority Mail® service.
  - Certified Mail service is *not* available for international mail.
  - Insurance coverage is *not* available for purchase with Certified Mail service. However, the purchase of Certified Mail service does not change the insurance coverage automatically included with certain Priority Mail items.
  - For an additional fee, and with a proper endorsement on the mailpiece, you may request the following services:
    - Return receipt service, which provides a record of delivery (including the recipient's signature). You can request a hardcopy return receipt or an electronic version. For a hardcopy return receipt, complete PS Form 3811, *Domestic Return Receipt*; attach PS Form 3811 to your mailpiece;
    - Restricted delivery service, which provides delivery to the addressee specified by name, or to the addressee's authorized agent.
    - Adult signature service, which requires the signee to be at least 21 years of age (not available at retail).
    - Adult signature restricted delivery service, which requires the signee to be at least 21 years of age and provides delivery to the addressee specified by name, or to the addressee's authorized agent (not available at retail).
- IMPORTANT: Save this receipt for your records.**

PS Form 3800, January 2023 (Reverse) PSN 7530-02-000-0047

**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:  
Thirrel A. and Roberta M. Altman  
P.O. Box 360911  
Melbourne, FL 32936

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  Agent  Addressee

B. Received by (Printed Name) C. Date of Delivery

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

NOV 25 2024

3. Service Type

<input type="checkbox"/> Adult Signature	<input type="checkbox"/> Priority Mail Express®
<input type="checkbox"/> Adult Signature Restricted Delivery	<input type="checkbox"/> Registered Mail™
<input type="checkbox"/> Certified Mail®	<input type="checkbox"/> Registered Mail Restricted Delivery
<input type="checkbox"/> Certified Mail Restricted Delivery	<input type="checkbox"/> Signature Confirmation™
<input type="checkbox"/> Collect on Delivery	<input type="checkbox"/> Signature Confirmation Restricted Delivery
<input type="checkbox"/> Collect on Delivery Restricted Delivery	<input type="checkbox"/> Restricted Delivery

2. Article Number (Transfer from service label)  
 9589 0710 5270 0481 9774 16

PS Form 3811, July 2020 PSN 7530-02-000-8053 Domestic Return Receipt

**USPS TRACKING#**  
 PITTSBURGH PA 150

9590 9402 6648 1060 3613 64

**United States Postal Service**

First-Class Mail Postage & Fees Paid USPS Permit No. G-10

• Sender: Please print your name, address, and ZIP+4® in this box\*

Brad Nelson  
216 Cedarville Street  
Apt 2  
Pittsburgh, PA 15224

02/14/2025

4705100462P

Columbia Gas Transmission, LLC

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



October 30, 2024

Thirrel A. and Roberta M. Altman  
P.O. Box 360911  
Melbourne, FL 32936

TC Energy (Columbia Gas Transmission, LLC) is applying for a permit to the WV Department of Environmental Protection – Office of Oil and Gas, to plug and abandon an existing underground natural gas storage well located on property owned by you. As reference, the field and well ID is Victory B 4689 (API # 47-051-00462-00-00).

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

If you have questions, feel free to call.

Regards,

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

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

4705100462P

9589 0710 5270 0481 9774 09

**U.S. Postal Service™**  
**CERTIFIED MAIL® RECEIPT**  
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For delivery information, visit our website at [www.usps.com](http://www.usps.com)

Saint Clairsville, OH 43950

**OFFICIAL USE**

Certified Mail Fee \$4.85

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

Return Receipt (hardcopy) \$0.00

Return Receipt (electronic) \$0.00

Certified Mail Restricted Delivery \$0.00

Adult Signature Required \$0.00

Adult Signature Restricted Delivery \$0.00

Postage \$3.15

Total Postage and Fees \$12.10

Sent To *Marshall County Coal Resources, Inc.*  
 Street and Apt. No., or PO Box No. *46226 National Road*  
 City, State, ZIP+4® *St. Clairsville, OH 43950*

Postmark: COMFIELD 15224 0024 99  
 NOV - 4 2024  
 USPS 11/04/2024

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- Electronic verification of delivery or attempted delivery.
- A record of delivery (including the recipient's signature) that is retained by the Postal Service™ for a specified period.

**Important Reminders:**

- You may purchase Certified Mail service with First-Class Mail®, First-Class Package Service®, or Priority Mail® service.
- Certified Mail service is *not* available for international mail.
- Insurance coverage is *not* available for purchase with Certified Mail service. However, the purchase of Certified Mail service does not change the insurance coverage automatically included with certain Priority Mail items.
- For an additional fee, and with a proper endorsement on the mailpiece, you may request the following services:
  - Return receipt service, which provides a record of delivery (including the recipient's signature). You can request a hardcopy return receipt or an electronic version. For a hardcopy return receipt, complete PS Form 3811, *Domestic Return Receipt*; attach PS Form 3811 to your mailpiece;
  - Restricted delivery service, which provides delivery to the addressee specified by name, or to the addressee's authorized agent.
  - Adult signature service, which requires the signee to be at least 21 years of age (not available at retail).
  - Adult signature restricted delivery service, which requires the signee to be at least 21 years of age and provides delivery to the addressee specified by name, or to the addressee's authorized agent (not available at retail).

To ensure that your Certified Mail receipt is accepted as legal proof of mailing, it should bear a USPS postmark. If you would like a postmark on this Certified Mail receipt, please present your Certified Mail item at a Post Office™ for postmarking. If you don't need a postmark on this Certified Mail receipt, detach the barcoded portion of this label, affix it to the mailpiece, apply appropriate postage, and deposit the mailpiece.

**IMPORTANT: Save this receipt for your records.**

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

**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:

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

2. Article Number: (Transfer from service label)  
 9589 0710 5270 0481 9774 09

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature: *[Signature]*  Agent  Addressee

B. Received by (Printed Name): *[Name]* C. Date of Delivery: *11-7-24*

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

3. Service Type

Adult Signature  Priority Mail Express®

Adult Signature Restricted Delivery  Registered Mail™

Certified Mail®  Registered Mail Restricted Delivery

Certified Mail Restricted Delivery  Signature Confirmation™

Collect on Delivery  Signature Confirmation Restricted Delivery

Collect on Delivery Restricted Delivery  Mail Restricted Delivery

9590 9402 6648 1060 3613 71

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

**USPS TRACKING #**

9590 9402 6648 1060 3613 71

**First-Class Mail**  
 Postage & Fees Paid  
 USPS  
 Permit No. G-10

**United States Postal Service**

\* Sender: Please print your name, address, and ZIP+4® in this box\*

*Brad Nelson*  
*216 Cedarville Street*  
*Apt. 2*  
*Pittsburgh, PA 15224*

02/14/2025

Columbia Gas Transmission, LLC

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



October 30, 2024

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

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

- Victory B 4689 (API # 47-051-00462-00-00) – Plug and Abandon

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

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

If you have questions, feel free to call.

Regards,

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

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

4705100462P

9589 0710 5270 0481 9773 93

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For delivery information, visit our website at [www.usps.com](http://www.usps.com)

Cansburg, PA 15317

**OFFICIAL USE**

Certified Mail Fee	\$4.85
Extra Services & Fees (check box, add fee as appropriate)	\$4.10
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00
<input type="checkbox"/> Return Receipt (electronic)	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00
<input type="checkbox"/> Adult Signature Required	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00
Postage	\$3.15
<b>Total Postage and Fees</b>	<b>\$12.10</b>

Sent To: **CONSOL RCP, LLC**  
 Street and Apt. No., or PO Box No.: **1000 Consol Energy Drive**  
 City, State, ZIP+4®: **Cansburg, PA 15317**

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

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- A record of delivery (including the recipient's signature) that is retained by the Postal Service™ for a specified period.

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- Certified Mail service is *not* available for international mail.
- Insurance coverage is *not* available for purchase with Certified Mail service. However, the purchase of Certified Mail service does not change the insurance coverage automatically included with certain Priority Mail items.
- For an additional fee, and with a proper endorsement on the mailpiece, you may request the following services:
  - Return receipt service, which provides a record of delivery (including the recipient's signature). You can request a hardcopy return receipt or an electronic version. For a hardcopy return receipt, complete PS Form 3811, *Domestic Return Receipt*; attach PS Form 3811 to your mailpiece;
  - Restricted delivery service, which provides delivery to the addressee specified by name, or to the addressee's authorized agent.
  - Adult signature service, which requires the signee to be at least 21 years of age (not available at retail).
  - Adult signature restricted delivery service, which requires the signee to be at least 21 years of age and provides delivery to the addressee specified by name, or to the addressee's authorized agent (not available at retail).

**IMPORTANT: Save this receipt for your records.**

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

**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:

Consol RCP, LLC  
 1000 Consol Energy Drive  
 Cansburg, PA 15317

9590 9402 6648 1060 3613 88

2. Article Number (Transfer from service label)

9589 0710 5270 0481 9773 93

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

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  Agent  Addressee

B. Received by (Printed Name) C. Date of Delivery

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

3. Service Type  Priority Mail Express®  Registered Mail™  
 Adult Signature  Registered Mail Restricted Delivery  
 Certified Mail®  Registered Mail Restricted Delivery  
 Certified Mail Restricted Delivery  Signature Confirmation™  
 Collect on Delivery  Signature Confirmation Restricted Delivery  
 Collect on Delivery Restricted Delivery  Restricted Delivery

**USPS TRACKING #**

9590 9402 6648 1060 3613 88

**United States Postal Service**

\* Sender: Please print your name, address, and ZIP+4® in this box \*

Brad Nelson  
 216 Cedarville Street  
 Apt. 2  
 P. #5burg, PA 15224

First-Class Mail  
 Postage & Fees Paid  
 USPS  
 Permit No. G-10

02/14/2025



**Columbia Gas Transmission, LLC**

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

October 30, 2024

Consol RCPC, LLC  
1000 Consol Energy Drive  
Canonsburg, PA 15317

TC Energy (Columbia Gas Transmission, LLC), an underground natural gas storage operator, is planning to abandon the following storage well in Marshall County, WV. Records indicate that Consol RCPC, LLC owns the coal on subject property.

- Victory B 4689 (API # 47-051-00462-00-00) – Plug and Abandon

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

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

If you have questions, feel free to call.

Regards,

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

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

47051004629

WW-9  
(5/16)

API Number 47 - 051 - 00462-00-00  
Operator's Well No. \_\_\_\_\_

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

Operator Name Columbia Gas Transmission, LLC OP Code 307032

Watershed (HUC 10) Fish Creek Quadrangle Glen Easton

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, Measontown, 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 17th day of October, 2024

Jennifer Lupi Notary Public

My commission expires October 23, 2027

Commonwealth of Pennsylvania - Notary Seal  
Jennifer Lupi, Notary Public  
Washington County  
My commission expires October 23, 2027  
Commission number 1282201

02/14/2025



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: Strader Gower

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

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Title: Oil & Gas Inspector Date: 10/25/2024

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: Glen Easton

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 Fish Creek, approximately 200 feet to the N.  
The nearest Wellhead Protection area is 7.4 mi. to the SE (WV3305202 - Hundred Littleton 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.

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

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

Signature: Strader Gower

Date: 10/25/2024

Office of Oil and Gas  
DEC 05 2024

02/14/2025

**WVDEP Reclamation Plan Site Overview / Detail**

- Victory B 4688 (API 47-051-00462-00-00)
- BMPs and erosion control devices to be utilized per WVDEP guidelines and Columbia's WW Environmental Construction Standards
- Existing drainage, culverts, and road ditches to be maintained.
- Minor grading and surface material to be applied as needed.

**Legend**

- Access Route
- CWA
- Victory B 4689



DATE: 12/15/2020

TIME: 10:00 AM



WW-7  
8-30-06



West Virginia Department of Environmental Protection  
Office of Oil and Gas

**WELL LOCATION FORM: GPS**

API: 47-051-00462-00-00 WELL NO.: Victory B 4689

FARM NAME: YEATER, CLEMENS V.

RESPONSIBLE PARTY NAME: ~~Brad Nelson~~ COLUMBIA GAS TRANSMISSION, LLC

COUNTY: Marshall DISTRICT: Liberty

QUADRANGLE: Glen Easton

SURFACE OWNER: Thirrel A. Altman, Sr. Trust u/a/d March 16,2001

ROYALTY OWNER: Sarah Jean Chambers, Leonard Otis Haberbosch Agent, Chestnut Holdings, Inc., et al.

UTM GPS NORTHING: 4,401,629.995

UTM GPS EASTING: 531,318.590 GPS ELEVATION: 849'

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

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

Survey grade GPS  : Post Processed Differential

Real-Time Differential

Mapping Grade GPS  : Post Processed Differential

Real-Time Differential

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

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

Digitally signed by Brad Nelson  
Date: 2024.10.21 13:25:02  
-04'00'

Signature

**Storage Engineer**

Title

**10/21/2024**

Date