



west virginia department of environmental protection

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

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

Monday, December 29, 2025

WELL WORK PLUGGING PERMIT
Vertical Plugging

COLUMBIA GAS TRANSMISSION, LLC
1700 MACCORKLE AVENUE SE

CHARLESTON, WV 25314

Re: Permit approval for 1-3848
47-051-00162-00-00

This well work permit is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to any additional specific conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas Inspector.

Upon completion of the plugging well work, the above named operator will reclaim the site according to the provisions of WV Code 22-6-30. Please be advised that form WR-38, Affidavit of Plugging and Filling Well, is to be submitted to this office within 90 days of completion of permitted well work, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

Per 35 CSR 4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced. If there are any questions, please feel free to contact me at (304) 926-0450.

H. Jason Harmon
Acting Chief

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

Operator's Well Number:
Farm Name: PYLES, VINCENT B.
U.S. WELL NUMBER: 47-051-00162-00-00
Vertical Plugging
Date Issued: 12/29/2025

PERMIT CONDITIONS

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

CONDITIONS

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

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

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

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

5) Location: Elevation 1170' Watershed Fish Creek
District Liberty County Marshall Quadrangle Littleton, WV

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

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

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

Refer to enclosed:

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

West Virginia
Environmental Protection
Division of Oil and Gas
1000 Kanawha Boulevard East
Charleston, West Virginia 25301
(304) 558-2400
(304) 558-2424 (FAX)

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

Work order approved by inspector Strader Gower Date 11/18/2025

01/09/2026

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

PAGE 3

DATE JOB PREPARED: 2/28/2024

LAST PROFILE UPDATE:

Objective: Plug Well and Abandon Pipeline**TITLE:** Plug and Abandonment**WORK TYPE:** WR**FIELD:** Victory B**WELL:** 3848**STAT:** WV**SHL (Lat/Long):** 0 0**API:** 47-051-00162**TWP:** Liberty**BHL (Lat/Long):** 0 0**CNTY:** Marshall**PROCEDURE**

Because well is located in an area in which coal resources are extracted, this procedure incorporates performing casing cuts across Pittsburgh Coal, which is normally the preferred method of plugging for coal operator. If coal operator requests alternate method then procedure will require modifications.

- 1 Obtain EM&CP, pipeline crossing evaluation, call before you dig, etc. Prepare site specific SPCC.
- 2 Notify landowner.
- 3 Obtain General Work Permit and Wellsite Review & Turnover Form from Operations.
- 4 Notify Reservoir Engineering & Geosciences (REG) of intent to take well out of service.
- 5 Notify environmental inspector prior to beginning work.
- 6 If required, notify State/Federal regulatory agencies prior to beginning work.
- 7 Disconnect well line.
- 8 Install ECD's per EM&CP. Prepare access road and well site.
- 9 Service all wellhead valves.
- 10 Document initial casing and annular pressures.
- 11 Kill well with kill weight fluid - consult with WET engineer on minimum required density.
- 12 Obtain CBL from TD to surface - keep hole full of fluid.
- * Results of CBL may require modifications to procedure. Consult with WET engineer.
- 13 MIRU service rig.
- 14 NU double ram (blind bottom + pipes top) and annular BOPs. Pressure test BOPs low/high 250/1000 psig.
- 15 RIH with carbide rotary shoe and clean to hard TD.
- 16 Install balanced cement plug(s) from TD to 1590'. Pull work string above cement top and reverse circulate to clean tubulars. WOC minimum of 6 hrs and tag cement. If top of cement is deeper than 1790' install second cement plug. WOC 4 hrs, tag, and TOOH.
- 17 Install cast-iron DBP above cement plug.
- * The following procedure assumes cement top behind 7" csg is shallower than Pittsburgh Coal. If cement top is deeper than Pittsburgh Coal then procedure will require modifications - consult with WET engineer and coal operator.
- 18 RIH and install balanced plug(s) from top of BP to 1000' (approx 100' below base of Pittsburgh Coal). TOOH.
- ** Verify depth of Pittsburgh Coal with TC Energy geologist and correlate to rig floor.
- 19 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.
- 20 RIH and install balanced cement plug(s) from top of last cement plug to depth of cement top behind 7" csg. TOOH.
- 21 ND BOPs and remove remainder of wellhead.
- 22 Cut/pull all 7" and 8-5/8" csg that is free.
- * Do no pull 10-3/4" csg - leave in well in the event future well intervention required.
- 23 RIH and install balanced cement plug(s) from top of last cement plug to surface.
- 24 Grout behind 10-3/4" as deep as possible.
- 25 Install casing monument with API number affixed.
- 26 Abandon well line.
- 27 Reclaim road and location.

*CLASS A
Cement*

RECEIVED
Office of Oil and Gas

NOV 24 2025

WV Department of
Environmental Protection

Strader Gower

11/18/2025

01/09/2026

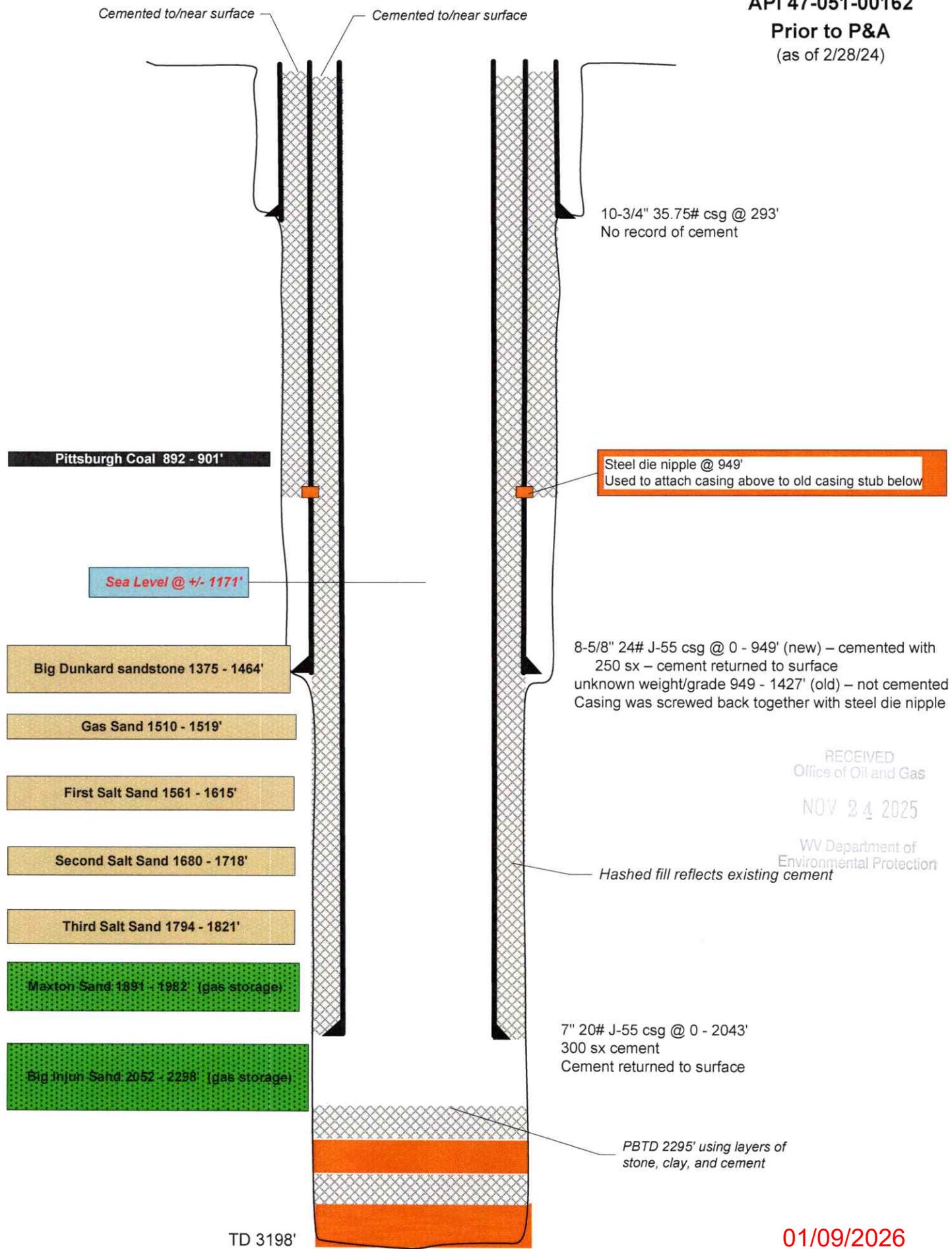
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Victory B 3848

API 47-051-00162

Prior to P&A

(as of 2/28/24)



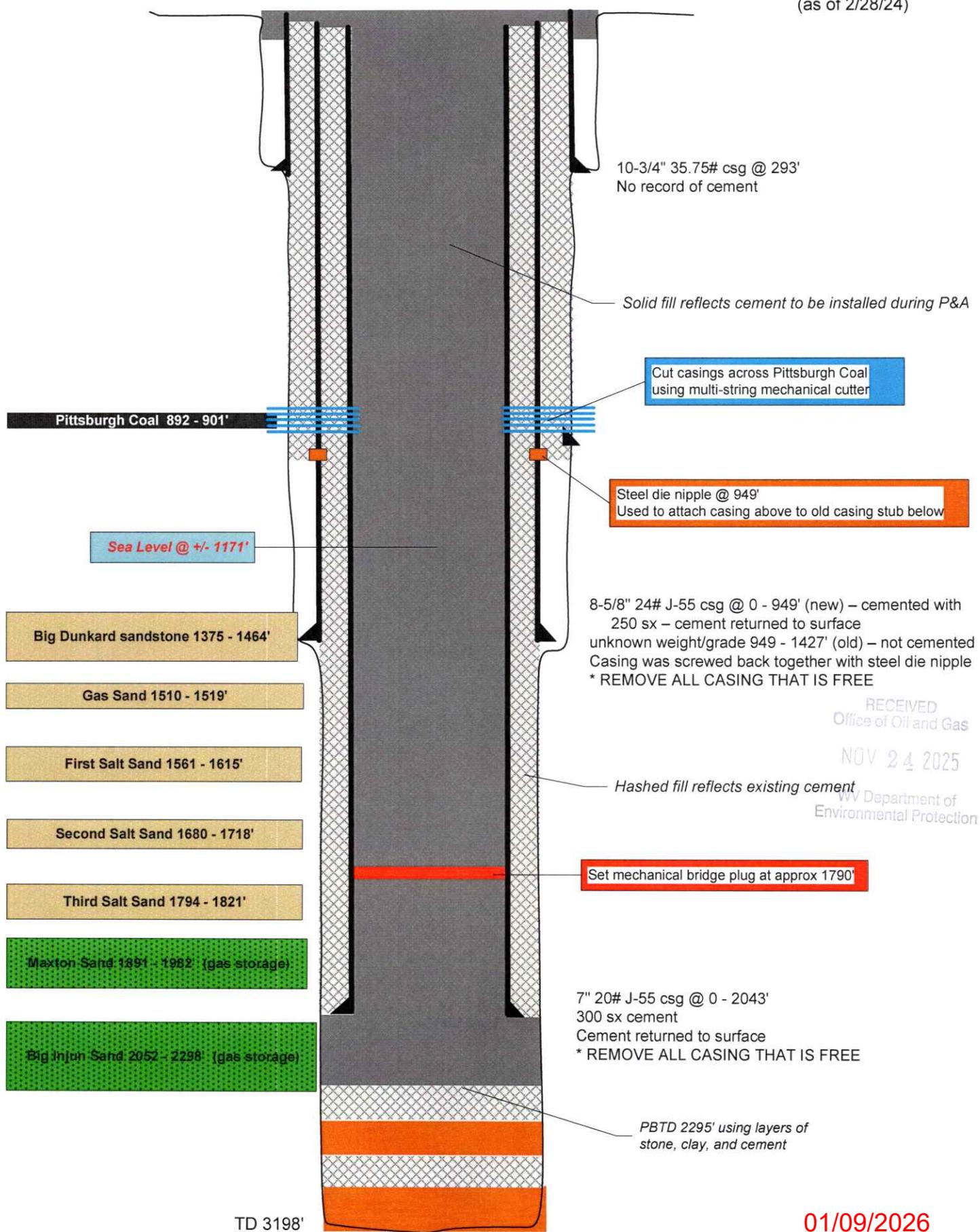
~ not to scale ~

Victory B 3848

API 47-051-00162

Proposed P&A

(as of 2/28/24)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

AFFIDAVIT OF PLUGGING AND FILLING WELL

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

COAL OPERATOR OR OWNER	The Manufacturers Light & Heat Co 800 Union Trust Building Pittsburgh, Penna.	
ADDRESS	COMPLETE ADDRESS	
COAL OPERATOR OR OWNER	July 15, 1954	WELL AND LOCATION
ADDRESS	Liberty	District
LEASE OR PROPERTY OWNER	Marshall	County
ADDRESS	Well No. 3818	
V.B. Pyles	Farm	

STATE INSPECTOR SUPERVISING PLUGGING

AFFIDAVIT (PARTIAL PLUGGING)

STATE OF WEST VIRGINIA,

County of Marshall

As: A. Seaman and Fred Whippley
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 J.R. Welsh, well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 1st day of April, 1954, and that the well was plugged and filled in the following manner:

FORMATION	FILLING MATERIAL	PLUGS USED	CASING	
			SIZE & KIND	CSG PULLED
Total Depth 3198	Total Depth 3198			
Total Depth 3198	Clay 3198-2895			
Slate-Shalls 2901-2198	Cement 2895-2885			
Gordon Sand 2885-2901	Clay 2885-2842			
Slate-Lime 2862-2885	Cement 2842-2832			
50 th Sand 2832-2862	Clay 2832-2850			
Shells-Slate 2772-2832	Cement 2850-2840			
Red Rock 2733-2772	Clay 2840-2361			
Slate-Lime 2299-2733	Stone 2361-2339	1.6 5/8" Lead Plug.		
COAL SEAMS				
(NAME) Mapletown	790-793			DESCRIPTION OF MONUMENT
(NAME) Pgh.	898-903			PARTIAL PLUGGING
(NAME)				
(NAME)				

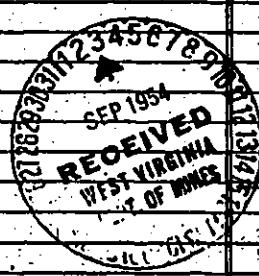
and that the work of plugging and filling said well was completed on the 3rd day of April, 1954.

And further deponens saith not.

Sworn to and subscribed before me this 1st day of July, 1954.

My commission expires:

April 3, 1960



Notary Public

Permit No. WKS-162-P



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

NOTICE OF INTENTION TO PLUG AND ABANDON WELL

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

To THE DEPARTMENT OF MINES,
Charleston, W. Va.

Coal Operator or Coal Owner	Address
_____	_____
Coal Operator or Coal Owner	Address
_____	_____
Lease or Property Owner	Address
_____	_____

The Monongahela Light & Heat Company

Name of Well Operator
Big Union Trust Building,

Pittsburgh, Pa., Pennsylvania.

Complete Address

March 15, 1951

19

WELL TO BE ABANDONED

<u>Liberty</u>	District
<u>Wayne</u>	County
<u>5648</u>	Well No.
<u>V.B. Dyles</u>	Farm

Gentlemen:—

The undersigned well operator is about to abandon the above described well and will commence

the work of plugging and abandoning said well on the 19th day of March 1951, 19_____,
(which date shall not be less than five days after the day on which this notice so mailed is received,
or in due course should be received by the Department of Mines.)

This notice is given you in order that your respective representatives may be present at the
plugging and filling of said well. You are further notified that whether you are represented or not
represented the undersigned will proceed on that date, or shortly thereafter, to plug and fill said
well in the manner required by Section 10, Article 4, Chapter 22 of the Code and given in detail on the
reverse side of this notice, in "Work Order."

This notice is being mailed by registered mail to each of you at the above addresses on the above
date.

Very truly yours,

Well Operator.

NOTE: Upon the abandonment of all wells drilled prior to June 1, 1929, a plat prepared by a competent
engineer, showing the district and county in which the tract of land is located, the name and acreage of same,
the names of the owners and adjacent tracts, and the location of the about to be abandoned well, determined by
survey, and the courses and distances of such well from two permanent points or landmarks on said tract, shall
be submitted with this notice.

(Over)

PERMIT NUMBER

01/09/2026

PROPOSED MANNER OF PLUGGING AND FILLING WELL

(REQUIRED BY RULES AND REGULATIONS)

WEST VIRGINIA DEPARTMENT OF MINES
OIL AND GAS DIVISION
WORK ORDER

Well to be plugged and filled as follows: ~~DO NOT PLUGGING UNDER SEPARATE~~

TOTAL DEPIES 3198

Clay 3198 1895
Sand 1895 2895
Clay 2295 3195
Sand 3195 3195
Clay 3195 3195
Sand 3195 3195
Clay 3195 3195
Sand 3195 3195

After Schubinger surveye hole a lead plug will be
set in bottom of Big Inlet sand. This well will be
used for storage.

Mailed copy received from Bureau of Mines
To the Department of Mines to Andy Clunck 5-6-54

To the Department of Mines
Coal Owner or Operator,
Lease or Property Owner.

Enclosed

Gentlemen:

This "work order" is submitted for your approval and concurrence and unless notified of your disapproval or non-concurrence, the undersigned will proceed with the plugging and filling of said well in the above described manner on the date stated in the notice of intention to plug and abandon the said well on opposite side of this sheet.

Very truly yours,

Well Operator.

No objections have been filed by the coal owner or coal operator, or any available adjacent lease or property owners or interposed by the Department of Mines to the manner herein described for the plugging and filling of the well above mentioned. Therefore, the same is hereby approved this

day of _____, 19_____

DEPARTMENT OF MINES
Oil and Gas Division

By: _____

NOTE: This "work order" shall be filed in triplicate, one copy for the files of the Department of Mines; one to be approved or corrected and returned to the well operator as his authority for plugging said well; and one for the well inspector.

01/09/2026

3848 P/30
JMB

Division 4

Record of well No. 3848 on Vincent B. Pyles Farm 60 Acres
 Cameron Field Liberty District Marshall County W.Va. State
 Rig Commenced 9/8/44 19 Completed 10/10/44 19
 Drilling Commenced 11/16/44 19 Completed 1/25/45 19
 Contractor Rawe Brothers Address New Martinsville, W.Va.
 Driller's Name Alex Clark, George Eagon, John Carroll

CASING AND TUBING RECORD

	Conductor	13"	10"	8 1/4"	7"	6 5/8"	6 3/16"	4"	3"		
Used in Drig.	13"		281'-10"	1423'-10"		2060'-1"					
Left in well	16"		281'-10"	1423'-10"		2060'-1"					

PACKER RECORD

SHOOTING RECORD

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

VOLUME AND PRESSURE

Date	Reading in inches	Liquid	Sinc Orifice	Volume	Sand	PRESSURE IN MIN					24 Hour R. P.	Max. R. P.	Hours
						2	6	10	30	60			
30/10	Water	1"		42.935	Big Injum	0	3					178	48

TOTAL INITIAL OPEN FLOW 42.935

CUBIC FEET PER 24 HOURS

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Clay	0	15	15	
Rock	15	43	28	
Slate	43	70	27	
Lime	70	94	24	
Slate	94	115	21	
Red rock	115	130	15	
Lime	130	138	8	
Red rock	138	150	12	
Sand	150	165	15	
Slate	165	215	50	
Sand	215	260	45	
Red rock	260	280	20	
Slate	280	318	38	
Red rock	313	325	7	
Slate	325	370	45	
Sand	370	385	15	
Slate & Lime	385	455	70	
Lime	455	472	17	
Slate	472	490	18	
Lime	490	502	12	
Slate	502	530	28	
Sand	530	577	47	
Slate	577	614	37	Show of coal 585'
Red rock	614	629	15	
Slate	629	660	31	
Lime	660	700	40	
Slate	700	706	6	
Red rock	706	714	8	

Examined above information and measurements and found to be correct by

Examined and Approved by

George Rawe Co. Contractor

Field Superintendent

NOTE - The above blank must be filled out completely 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.

01/09/2026

The Manufacturers Light & Heat
Company

3848

Sheet # 2

Division

Record of well No. 3848 on Vincent B. Pyles Farm 60 Acres
 Cameron Field Liberty Township District Marshall County W. Va. State
 Rig Commenced 19 Completed 19
 Drilling Commenced 19 Completed 19
 Contractor Address
 Driller's Name

CASING AND TUBING RECORD

	Conductor	18"	10"	5 1/4"	7"	6 5/8"	6 1/2"	4"	3"	
Used in Drig.										
Left in well										

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 MM.					24 Hour R. P.	Max. R. P.	Hours
						1	5	10	20	60			

TOTAL INITIAL OPEN FLOW

CUBIC FEET PER 24 HOURS

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Lime	714	720	6	
Slate	720	735	15	
Lime	735	790	55	
Mapletown Coal	790	793	3	
Slate	793	798	5	
Lime	798	815	27	
Slate	815	873	58	
Lime	873	888	15	
Slate	888	898	10	
Pittsburg Coal	898	903	5	1/4 bailed water per hour.
Slate	903	915	12	
Lime	915	928	13	
Slate & Lime	928	990	62	
Red rock	990	997	7	
Slate & Lime	997	1009	12	
Sand	1009	1028	19	
Slate	1028	1032	4	
Red rock	1032	1070	38	
Slate	1070	1087	17	
Red rock	1087	1098	11	
Lime	1098	1112	14	
Slate	1112	1127	15	
Red rock	1127	1135	8	
Lime	1135	1150	15	
Slate	1150	1175	25	
Red rock	1175	1205	30	
Lime	1205	1211	6	
Slate	1211	1220	9	

Examined above information and measurements and found to be correct by

Examined and Approved by

C. D. Gause Contractor

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.

01/09/2026

The Manufacturers Light & Heat
Company

3848

SHEET # 3
Division 4

Record of well No. 3848 ON Vincent B. Pyles Farm 60 Acres
 Cameron Field Liberty Township District Marshall County W. Va. State
 Rig Commenced 19 Completed 19
 Drilling Commenced 19 Completed 19
 Contractor Address
 Driller's Name

CASING AND TUBING RECORD

	Conductor	10"	10"	8 1/4"	7"	6 5/8"	5 5/16"	4"	3"		
Used in Drig.											
Left in well											

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 E. P.	Max. R. P.	Hours
						1	5	10	30	60			

TOTAL INITIAL OPEN FLOW

CUBIC FEET PER 24 HOURS

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Slate				
Red rock	1220	1245	25	
Slate	1245	1252	7	
Lime	1252	1268	16	
Red rock	1268	1274	6	
Slate	1274	1295	21	
Red rock	1295	1318	23	
Lime	1318	1343	25	
Sand	1343	1351	8	
Slate	1351	1398	47	
Lime & Shells	1398	1402	4	
Slate	1402	1434	32	
Lime	1434	1434	10	
Slate	1434	1439	5	
Lime	1439	1470	31	
Slate	1470	1499	29	
Show of coal	1499	1500	1	
Slate	1500	1522	22	
Lime & Shells	1522	1548	26	
Sand	1548	1580	32	
Slate	1580	1590	10	
Sand	1590	1618	28	
Slate	1618	1682	64	
Lime	1682	1698	16	
Slate	1698	1724	26	
2nd salt sand	1724	1748	24	
Slate	1748	1787	39	
Sand	1787	1823	36	4 bailed water per hr @ 1810'
Slate & Lime	1823	1915	92	

Examined above information and measurements and found to be correct by

Examined and Approved by

E. S. Gause Contractor

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.

01/09/2026

SHEET # 4		The Manufacturers Light & Heat Company						3848				
Division	4	Record of well No.	3848	on	Vincent B. Pyles	Farm	60	Acres				
Cameron	Field	Liberty	Township District	Marshall	County	W. Va.	State					
Rig Commenced		19		Completed		19						
Drilling Commenced		19		Completed		19						
Contractor				Address								
Driller's Name												
CASING AND TUBING RECORD												
	Conductor	13"	10"	8 1/4"	7"	6 5/8"	5 3/16"	4"	3"			
Used in Drig.												
Left in well												
PACKER RECORD			SHOOTING RECORD									
Size	Depth Set	Type Packer	Date	Type Explosive	Amount	DEPTH	Volume		Volume			
						Top	Bottom	Before Cu. Ft.	After Cu. Ft.			
VOLUME AND PRESSURE												
Date	Reading in Inches	Liquid	Size Orifice	Volume	Sand	PRESSURE IN MM.				24 Hour R. P.	Max. R. P.	Hours
						1	5	10	30	60		
TOTAL INITIAL OPEN FLOW										CUBIC FEET PER 24 HOURS		
FORMATION	TOP	BOTTOM	THICKNESS	REMARKS								
Slate	1915	1924	9	Show of gas 2051-2052, Gas 2163' 12/10 water in Gas 2199-2203'								
Lime Shells	1924	1948	24									
Shale	1948	1967	19									
Maxon sand	1967	2015	48									
Big Lime	2015	2049	34									
Big Injun sand	2049	2299	250									
Slate	2299	2351	52									
Lime	2351	2364	13									
Slate	2364	2375	11									
Lime	2375	2400	25									
Slate & Shells	2400	2437	37									
Lime	2437	2503	66									
Slate	2503	2510	7									
Lime	2510	2540	30									
Slate	2540	2640	100									
50 Foot sand	2640	2679	39									
Slate & Shells	2679	2733	54									
Pink rock	2733	2772	39									
Slate & Shells	2772	2820	48									
Slate	2820	2838	12									
50 foot sand	2832	2862	30									
Slate	2862	2870	8									
Lime	2870	2885	15									
Gordon sand	2885	2904	19									
Slate	2904	2920	16									
Lime	2920	2937	17									
Slate	2937	2952	15									
Lime	2952	2960	8									

Examined above information and measurements and found to be correct by

E. D. Pyle Contractor

Examined and Approved by

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.

01/09/2026

3848

Division 4

Record of well No. 3848 on Vincent E. Pyles Farm 4 Acres
 Crossover Field Liberty Township Marshall County W. Va. State
 Rig Commenced 19 Completed 19
 Drilling Commenced 19 Completed 19
 Contractor Address
 Driller's Name

CASING AND TUBING RECORD

	Conductor	13"	10"	8 1/4"	7"	6 5/8"	5 5/16"	4"	3"	
Used in Dril.										
Left in well										

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			

TOTAL INITIAL OPEN FLOW

CUBIC FEET PER 24 HOURS

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Slate	2960	3010	50	
Slate & Lime shells	3010	3090	80	
Slate	3090	3110	20	
Shells	3110	3190	80	
Lime	3190	3198	8	
TOTAL DEPTH	3198			

Examined above information and measurements and found to be correct by

B. D. Tause Contractor

Examined and Approved by

Harry Monroe 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.

01/09/2026

WEST

DEPARTMENT OF MINES
DIVISION
E C O R D

Permit No. Mars 162	Gas Well
Littleton N.E. Quad.	CASING & TURING
Company	The Manf. Light & Heat Co.
Address	800 Union Trust Bldg. 10 281'10 281'10
Farm	Pittsburgh, Pa. 8 1/2 1423'10 Same
Location	Vincent B. Pyles Acres 50 6 5/8 2050'1 Same
Well No.	1-3848 Elev. 1145'
District	Liberty Marshall County
Surface	V.B. Pyles R.D. 1, Woodruff, W.Va.
Mineral	The Mfrs. Light & Heat Co.
Commenced	Pittsburgh, Pa. Coal at 790' 36"
Completed	11-16-44 898' 60"
Open flow	1-25-45
Volume	30/10ths W in 1"
Rock Pressure	42,935 C.F.
Fresh Water	178 lbs. 48 hrs.
Salt Water	898-903 1/4 bbls. per hr.
	1810' 4 bbls. W per hr.

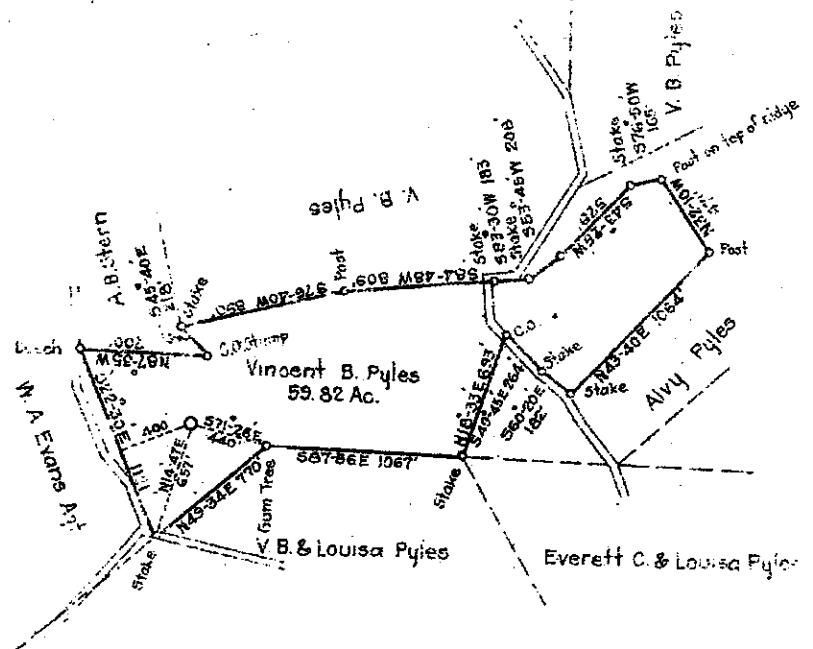
Clay and Rock	0	43	Slate	1698	1724
Slate	43	70	2nd Salt Sand	1724	1748
Lime	70	94	Slate	1748	1767
Slate	94	115	Sand	1787	1823
Red Rock	115	130	Slate & Lime	1823	1924
Lime	130	138	Lime Shells	1924	1948
Red Rock	138	150	Shale	1948	1967
Sand	150	165	Maxon Sand	1967	2015
Slate	165	215	Big Lime	2015	2049
Sand	215	260	Big Injun Sand	2049	2299
Red Rock	260	280	Slate & Lime	2299	2400
Slate	280	318	Slate & Shells	2400	2437
Rod Rock	318	325	Lime	2437	2503
Slate	325	370	Slate & Lime	2503	2540
Sand	370	385	Slate	2540	2640
Slate & Lime	385	530	30' Sand	2640	2679
Sand	530	577	Slate & Shells	2679	2733
Slate	577	614	Pink Rock	2733	2772
Red Rock	614	629	Slate & Shells	2772	2832
Slate & Lime	629	706	50' Sand	2832	2852
Red Rock	706	714	Slate & Lime	2852	2885
Slate & Lime	714	790	Gordon Sand	2885	2904
Mapletown Coal	790	793	Slate & Lime	2904	3010
Slate & Lime	793	898	Slate & Lime Shells	3010	3090
Pittsburgh Coal	898	903	Slate & Shells	3090	3198
Slate & Lime	903	990			
Red Rock	990	997	TOTAL DEPTH		3198
Slate & Lime	997	1009			
Sand	1009	1028	Show of gas 2051-2052		
Slate	1028	1032	Gas 2163 12/10 W in 2"		
Red Rock	1032	1070	Gas 2199-2203		
Slate	1070	1087			
Red Rock	1087	1098	Coal at 585'		
Slate & Lime	1098	1127			
Red Rock	1127	1135			
Slate & Lime	1135	1175			
Red Rock	1175	1205			
Lime & Slate	1205	1220			
Red Rock	1220	1245			
Slate & Lime	1245	1295			
Red Rock	1295	1318			
Lime	1318	1343			
Sand	1343	1351			
Slate	1351	1424			
Lime & Slate	1424	1522			
Lime & Shells	1522	1548			
Sand	1548	1580			
Slate	1580	1590			
Sand	1590	1618			
Slate	1618	1682			
Lime	1682	1698			

0 1 2 3

LATITUDE $39^{\circ} 45'$ LONGITUDE $80^{\circ} 25'$

2

3



OIL OWNED BY Belton Fuel Co

EW LOCATION RILL DEEPER SANDONMENT

COMPANY The Manufacturers Light and Heat
 ADDRESS 800 Union Trust Bldg. Pittsburgh, Pa.
 OWNER Vincent B. Pyles.

ACRES ACRES 59.82 LEASE NO. 18453

TENURE FARM NO. 1 SERIAL NO. 3848

ELEVATION (FEET-LEVEL) 1145 (Barometer)

MORNING Littleton NE NW 1/4

CITY Marshall DISTRICT Liberty

ENGINEER C. L. Pyle

CIVIL ENGINEER'S REGISTRATION NO.

F. NO. DRAWING NO. Y-11-61

TE. Aug. 17, 1944 SCAFF. 1" = 800'

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS DIVISION

CHARLESTON

WELL LOCATION MAP

FILE NO. M.A.T.P.S. - 162

DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS SCALE 1:250,000. LATITUDE AND LONGITUDE LINES BEING REPRESENTED BY BORDER LINES AS SHOWN.

DENOTES ONE INCH SPACES ON BORDER LINES OF ORIGINAL DRAWING.

01/09/2026

WW-4A
Revised 6-07

1) Date: 10/27/2025
2) Operator's Well Number
Victory B 3848

3) API Well No.: 47 - 051 - 00162-00-00

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

4) Surface Owner(s) to be served:
(a) Name Stern, Effie A Est Et al., C/O: Stern, Jerry G.
Address 17463 Fish Creek Rd.
Cameron, WV 26033
(b) Name _____
Address _____
(c) Name _____
Address _____

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

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

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

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

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

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

Commonwealth of Pennsylvania - Notary Seal
EMILY KALE LEACH - Notary Public
Washington County
My Commission Expires November 18, 2027
Commission Number 1359854

RECEIVED
Office of Oil and Gas
NOV 24 2025
Well Operator Columbia Gas Transmission, LLC
By: Brad Nelson
Its: Storage Engineer
Address 455 Racetrack Road
Washington, PA 15301
Telephone 724-250-0610
WV Department of
Environmental Protection

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

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.

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



November 11, 2025

Stern Effie A. Est. et al, C/O Stern, Jerry G.
17643 Fish Creek Rd.
Cameron, WV 26033

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

- Victory B 3848 (API # 47-051-00162-00-00)
- Victory B 4359 (API # 47-051-00299-00-00)

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

If you have questions, feel free to call.

Regards,

A handwritten signature in black ink that appears to read "Brad Nelson".

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

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

9589 0710 5270 3208 8453 26

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Cameron, WV 26033



Certified Mail Fee \$5.30

Extra Services & Fees (check boxes for fee as appropriate)

Return Receipt (hardcopy) \$ 2.00
 Return Receipt (electronic) \$ 0.00
 Certified Mail Restricted Delivery \$ 0.00
 Adult Signature Required \$ 0.00
 Adult Signature Restricted Delivery \$ 0.00

Postage

\$

Total Postage and Fees

\$

Sent To Stern, Effie A. Et al, C/O Stern, Jerry G.
Street and Apt. No. or PO Box No.
17643 Fish Creek Rd.
City, State, Zip: Cameron, WV 26033

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

See Reverse for Instructions

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- 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;

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NOV 24 2025

WV Department of
Environmental Protection

01/09/2026



November 19, 2025

Dear Brad Nelson:

The following is in response to your request for proof of delivery on your item with the tracking number:
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Item Details

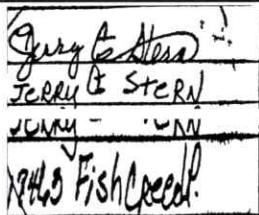
Status: Delivered, Left with Individual
Status Date / Time: November 19, 2025, 9:50 am
Location: CAMERON, WV 26033
Postal Product: First-Class Mail®
Extra Services: Certified Mail™
Return Receipt Electronic

Shipment Details

Weight: 13.0oz

Recipient Signature

Signature of Recipient:



Jerry F. Stern
JERRY F. STERN
JERRY F. STERN
1940 Fish Creek

Address of Recipient:

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

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Sincerely,
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Washington, D.C. 20260-0004

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NOV 24 2025
WV Department of
Environmental Protection

01/09/2026

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



November 11, 2025

Consol RCPC, LLC
275 Technology Drive, Suite 101
Canonsburg, PA 15317

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

- Victory B 3848 (API # 47-051-00162-00-00) – Plug and Abandon
- Victory B 4359 (API # 47-051-00299-00-00) – Plug and Abandon
- Victory B 4404 (API # 47-051-00764-00-00) – Plug and Abandon
- Victory B 4446 (API # 47-051-00311-00-00) – Plug and Abandon

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

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

If you have questions, feel free to call.

Regards,

A handwritten signature in black ink that appears to read "Brad Nelson".

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

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Office of Oil and Gas
NOV 24 2025
WV Department of
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U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only	
For delivery information, visit our website at www.usps.com ®.	
OFFICIAL USE	
Certified Mail Fee \$5.30 0024 \$ 23 Extra Services & Fees (check box, add fees as applicable)	
<input type="checkbox"/> Return Receipt (hardcopy) \$0.10 <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 \$10.90 NOV 12 \$ 2025 Total Postage and Fees \$19.02 11/12/2025	
Sent To Consol RPAC LLC 5224 Street and Apt. No. or P.O. Box No. 275 Technology Drive, Suite 101 City, State, ZIP+4 Canonsburg, PA 15317	

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 - 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

01/09/2026



November 14, 2025

Dear Brad Nelson:

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

Item Details

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

Shipment Details

Weight: 1lb, 1.0oz

Recipient Signature

Signature of Recipient:

275 TECHNOLOGY DR STE 101,
CANONSBURG, PA 15317

Address of Recipient:

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

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

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WV Department of
Environmental Protection

01/09/2026

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



November 11, 2025

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

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

- Victory B 3848 (API # 47-051-00162-00-00) – Plug and Abandon
- Victory B 4359 (API # 47-051-00299-00-00) – Plug and Abandon
- Victory B 4404 (API # 47-051-00764-00-00) – Plug and Abandon
- Victory B 4446 (API # 47-051-00311-00-00) – Plug and Abandon

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

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

If you have questions, feel free to call.

Regards,

A handwritten signature in black ink that appears to read 'Brad Nelson'.

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

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NOV 24 2025
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Environmental Protection

89
8438
8208
3270
5270
0710
9589

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Saint Clairsville, OH 43950

BOOMFIELD POST OFFICE U.S. POSTAL SERVICE

0024 23

Postmark Here

NOV 10 2025

PITTSBURGH 15224 11/12/2025

Certified Mail Fee	\$ 5.30
Extra Services & Fees (check all that apply and add fee as appropriate)	\$ 0.00
<input type="checkbox"/> Return Receipt (hardcopy)	\$ 0.00
<input type="checkbox"/> Return Receipt (electronic)	\$ 0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$ 0.00
<input type="checkbox"/> Adult Signature Required	\$ 0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$ 0.00
Postage	\$ 11.50
Total Postage and Fees	\$19.62

Sent To
Marshall County Coal Resources, Inc.
Street and Apt. No., or PO Box No.
46226 National Road
City, State, ZIP Code
Saint Clairsville, OH 43950

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

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IMPORTANT: Save this receipt for your records.

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

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NOV 24 2025
WV Department of
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01/09/2026



November 14, 2025

Dear Brad Nelson:

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

Item Details

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

Shipment Details

Weight: 1lb, 1.0oz

Recipient Signature

Signature of Recipient:

46226 NATIONAL RD

SAINT CLAIRSVILLE, OH 43950 8742

Address of Recipient:

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

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

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NOV 24 2025
WV Department of
Environmental Protection

01/09/2026

WW-9
(5/16)

API Number 47 - 051 - 00162-00-00
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 Littleton, WV

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

Will a pit be used? Yes No

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

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

Proposed Disposal Method For Treated Pit Wastes:

Land Application (if selected provide a completed form WW-9-GPP)
 Underground Injection (UIC Permit Number 34-119-28776, 34-167-23862)
 Reuse (at API Number _____)
 Off Site Disposal (Supply form WW-9 for disposal location)
 Other (Explain Appalachian Water Services, Station W/I Ronco WTP, Masontown, PA - Permit 2608201, Reserve Environmental Services (RES), Mud Masters)

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

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

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

Additives to be used in drilling medium? _____

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

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

-Landfill or offsite name/permit number? _____

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

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

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

Company Official Signature Brad Nelson

Company Official (Typed Name) Brad Nelson

Company Official Title Storage Engineer

RECEIVED
Office of Oil and Gas

NOV 24 2025

WV Department of
Environmental Protection

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

Emily Kale Leach

Notary Public

Commonwealth of Pennsylvania - Notary Seal

EMILY KALE LEACH - Notary Public

Washington County

My Commission Expires November 18, 2027

Commission Number 1359854

01/09/2026

My commission expires 11/18/2027

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

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

For wetland areas: Annual Rye (40 lbs/acre) until indigenous plants re-establish cover.

Attach:

Maps(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided). If water from the pit will be land applied, provide water volume, include dimensions (L, W, D) of the pit, and dimensions (L, W), and area in acres, of the land application area.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: Strader, GowerComments: _____

_____Title: Oil & Gas Inspector Date: 11/18/2025Field Reviewed? (X) Yes () No

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

Operator Name: Columbia Gas Transmission, LLC

Watershed (HUC 10): Fish Creek Quad: Littleton, WV

Farm Name: _____

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

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

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

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

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

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

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

The closest water body is Laurel Run approximately 570 feet to the SW. The nearest Wellhead Protection area is 4.4 mi. to the SE (WV3305202 - Hundred Littleton PSD).

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

N/A

E

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

N/A

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

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

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

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

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

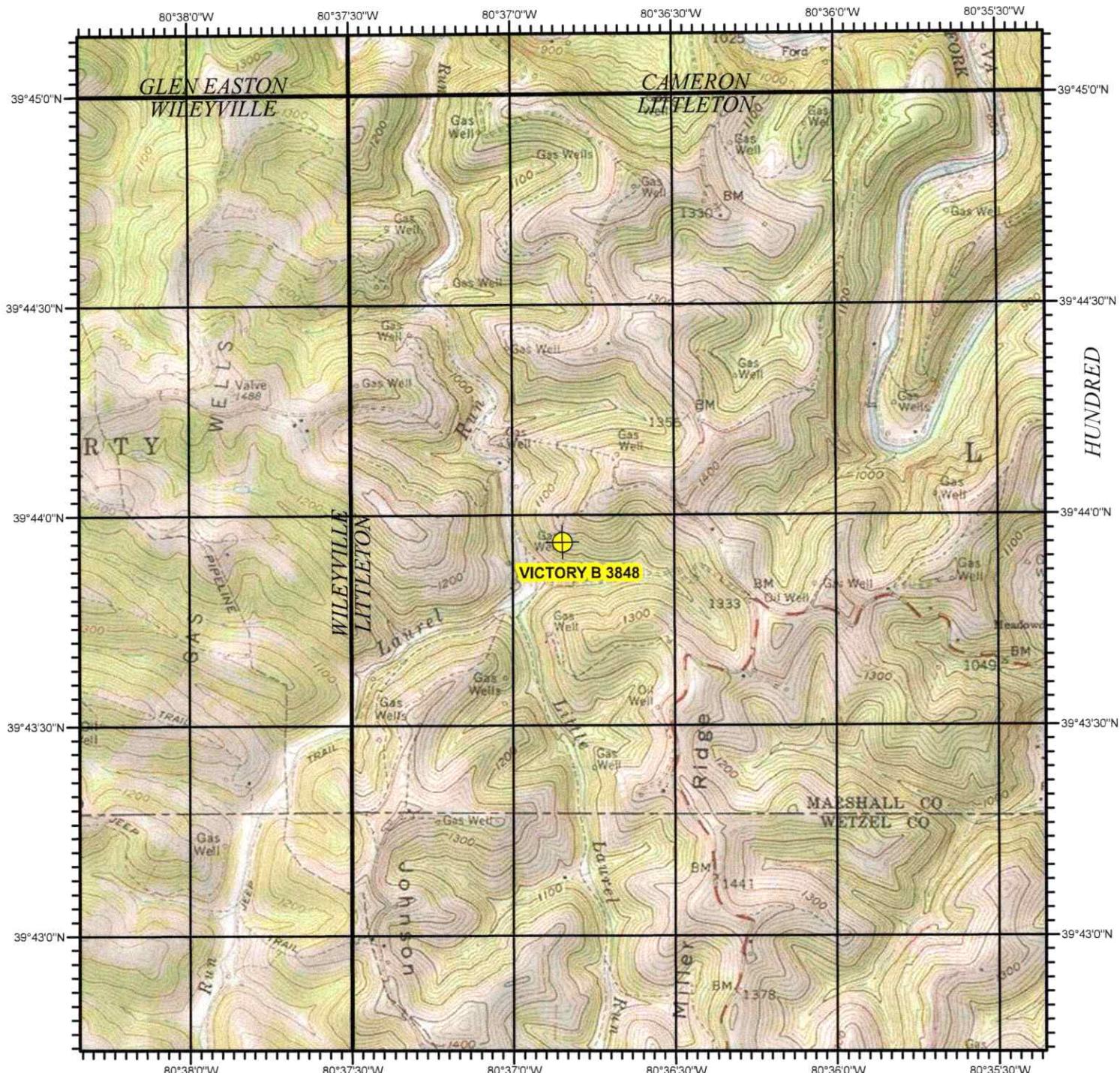
No fertilizer will be stored on site. Small quantities of fuel, oil, and lubrications will be stored on site, but located within secondary containment. Construction equipment will be inspected daily for leaks or spill.

Signature: Strader Gower

Date: 11/18/2025

01/09/2026





PINE GROVE

BIG RUN

GLOVER GAP

VICTORY B 3848
MARSHALL COUNTY, WV

RECEIVED
Office of Oil and Gas

NOV 24 2023

WV Department of
Environmental Protection

0 0.5 1 Miles

0 0.5 1 Kilometers

0 1,000 2,000 Feet

USGS TOPOGRAPHIC QUADRANGLE
LITTLETON, WV - 1976

SCALE 1:24,000

North American 1983 Datum (NAD83)

01/09/2026

WW-7
8-30-06



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

API: 47-051-00162-00-00 WELL NO.: Victory B 3848

FARM NAME: PYLES, VINCENT B.

RESPONSIBLE PARTY NAME: Columbia Gas Transmission, LLC

COUNTY: Marshall DISTRICT: Liberty

QUADRANGLE: Littleton, WV

SURFACE OWNER: Stern, Effie A Est Et al., C/O: Stern, Jerry G.

ROYALTY OWNER: Clark Raven, Carol J. Spence, Susan A. Richardson, Gail Richardson Barner, The Richardson Family Supplemental Trust, et al.

UTM GPS NORTHING: 4,398,112.277

UTM GPS EASTING: 533,068.023 GPS ELEVATION: 1,170'

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

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

2. Accuracy to Datum – 3.05 meters

3. Data Collection Method:

Survey grade GPS : Post Processed Differential X

Real-Time Differential

Mapping Grade GPS : Post Processed Differential

Real-Time Differential

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

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

Paul Nehi
Signature

Storage Engineer

10/21/2025

Title

Date

RECEIVED
Office of Oil and Gas
MAY 24 2005

West Virginia
Department of
Environmental Protection

01/09/2026



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

plugging permits issued for 4705100299 00311 00162

1 message

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

Mon, Dec 29, 2025 at 11:52 AM

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

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

--

James Kennedy

Environmental Resource Specialist III / Permitting

WVDEP Office of Oil and Gas

601 57th Street, SE

Charleston, WV 25304

304-926-0499 ext. 45025

james.p.kennedy@wv.gov

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