

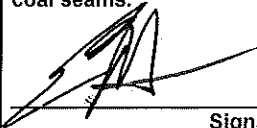


COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF OIL AND GAS MANAGEMENT

DEP USE ONLY	
Auth #	APS #
Auth ID: 1575094	
Site #	Facility #
Client #	Sub-facility #

**APPLICATION FOR AN ORDER TO CLEAN OUT AND PLUG OR REPLUG
A NON-PRODUCING GAS WELL UNDER SECTION 13(C) of ACT 214**

Please read instructions on reverse before completing this form

SECTION A. APPLICANT INFORMATION		SECTION B. OTHER AFFECTED PARTIES	
Name Tunnel Ridge LLC		SURFACE OWNER	
		Name Timothy and Ada McCleery	
Address 878 Old Brick Rd		Address 36 Memorial Rd	
City West Alexander	State PA	Zip 15376	Address West Alexander, Pa 15376
Telephone 304-547-2937	Fax	Telephone	Fax
GAS WELL INFORMATION		OIL AND GAS LESSOR	
Farm Name W PATTERSON		Name N/A (Plugged Abandoned well)	
Well No. W-1 L-3359	Serial No. W-L3359	Address	
Municipality (City, Borough, or Township) Donegal Township		Address	
County Washington		Phone Fax	
Well Permit/Reg. No., if known 125-00767		OIL AND GAS LESSEE	
Is this well the object of a Coal Pillar Permit? Yes ☒ No ☐ Number 125-00767-B		Name N/A (Plugged Abandoned Well)	
SECTION C. ADDITIONAL INFORMATION REQUIRED		Address	
Checklist		Address	
Well Location Plat: Form 5500-FM-OG0002 ☒		Telephone Fax	
Copy of or record reference to a deed, lease or other document entitling the applicant to enter upon the surface land ☒		SECTION D. SIGNATURE BLOCK	
Proposed method of cleaning out, plugging or replugging the well ☒		I HEREBY CERTIFY THAT I HAVE SENT BY Certified or Registered Mail a copy of this application to the surface landowner, the oil and gas lessor and lessee as identified above, and the coal owners and operators of all mineable coal seams.	
Notice of Intention to Plug (5500-FM-OG0005) (If previously submitted check this box) ☐			
If alternative method of plugging is proposed, is Form 5500-PM-OG0024 attached? ☒ Yes ☐ No		Signature of Applicant	
		Evan Midler, Manager of Land, Environmental, and Gov't affairs	
		4/2/26	
		Type or Print Name and Title Date	



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS MANAGEMENT

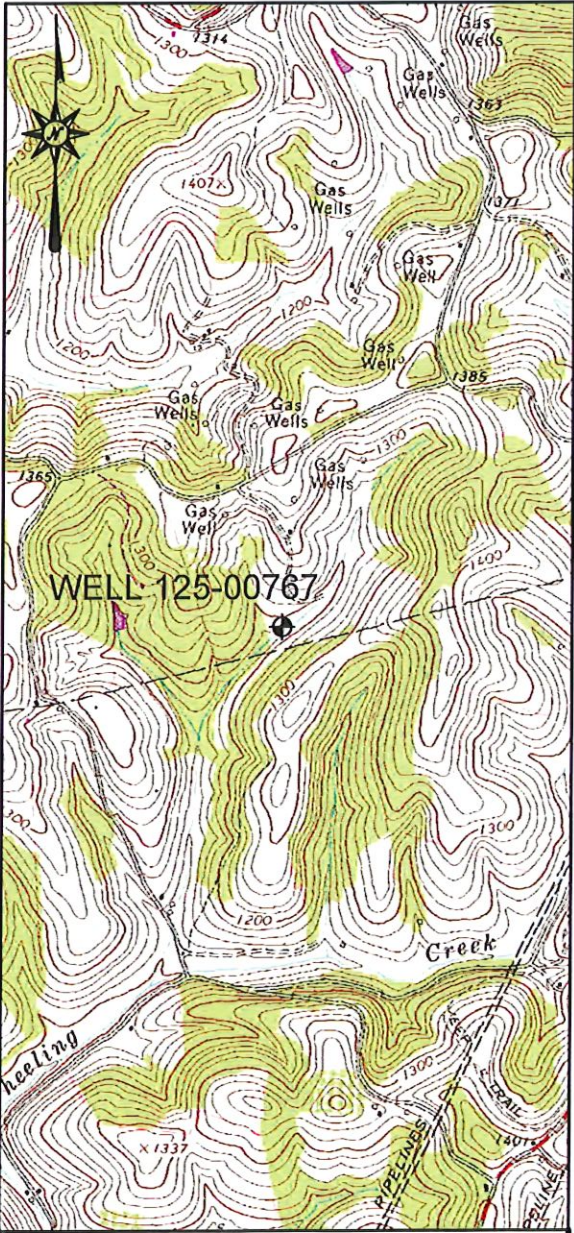
WELL LOCATION PLAT

PAGE 1 Surface Location

DEP	Auth ID #	Q:
USE	Permit #	Q:
ONLY	Project #	

☐ Denotes location of top of well on topo map.		Well is located on topo map <u>256.19</u> feet south of latitude <u>40° 05' 00"</u>			
True Latitude: NORTH 40° 04' 57" 71"					
True Latitude: WEST 80° 28' 11" 39"					
WELL LOCATION NAD83, PA, SOUTH N:284701.721 E:1207559.254					
Applicant/Well Operator Name: TUNNEL RIDGE		DEP ID #	Well (Farm) Name: W PATTERSON	Well # 1	Serial # L3359
Address: 878 OLD BRICK RD WEST ALEXANDER, PA		County: WASHINGTON	Municipality: DONEGAL	Well Type: GAS	
911 address of well site: 74 SELLER LN WEST ALEXANDER, PA 15376		USGS 7½' Quadrangle Map Name: CLAYSVILLE, PA	Map Section: 4	Surface Elevation: 1180.81 ft.	
Surveyor or Engineer: GEORGE D. SIX P.L.S. SU060786	Phone #: (304)-662-6123	Permit #: 37-125-00767	Date: 02/09/2026	Scale: 1" = 2,000'	Tract Acreage: 110.0 ACRES
Lat. & Long Metadata Method: G.P.S.	Accuracy: 1/100,000 ft.	Datum: NAD83 PAS	Elevation Metadata Method: G.P.S.	Accuracy: 1/100,000 ft.	Datum: N.A.V.D. 88
Survey Date: 02/05/2026					

VERTICAL DATUM: N.A.V.D. 88		WELL 125-00767		
COORDINATE DATUM: NAD83 PAS				
ORDER OF ACCURACY: REAL-TIME GPS 1/100,000 PRECISION				
ESTABLISHED BY: 6 GUNS, LLC		LANDOWNER: MCCLEERY TIMOTHY A & ADA		
STATE: PA	COUNTY: WASHINGTON			
NAD83 WVN	NAD83 PAS	WELL NO.	YEAR	STATUS
NORTHING (Y) =577943.014	NORTHING (Y) =284701.721	W-L3359	2026	PLUGGED
EASTING (X) = 1697129.770	EASTING (X) = 1207559.254	DETAILED DESCRIPTION: MONUMENT		
ELEVATION (Z) = 1180.81	ELEVATION (Z) = 1180.81	CHIEF OF PARTY: SHANE BRAGG		
		RECOVERED DATE ESTABLISHED: FEB. 05, 2026		



LOCATION MAP
SCALE: 1" = 2000'



Section B. OTHER AFFECTED PARTIES (Continued)

Surface Owner (Access and pad construction)

Timothy and Ada McCleery: 9589 0710 5270 0053 6297 67

04/07/26

Gene and Consuello Sheller: 9589 0710 5270 0053 6297 74

04/07/26

74 Sheller Ln,

West Alexander, Pa 15376

Columbia Gas Trans LLC: 9589 0710 5270 0053 6297 50

04/07/26

RECEIPT

To receive from Tunnel Ridge, LLC the sum of Two Thousand Dollars (\$2,000) per well as voluntary and full payment for any and all inconvenience, tree loss, and damage caused by the digging, searching, assessing, re-drilling, plugging, and reclamation of one or more gas wells, related facilities, and access roadway located over, upon, under, and across the property of the undersigned.

All disturbed areas will be reclaimed to as near their original condition as practicable, as weather permits.

Said property being situated in Donegal Township, Washington County, Pennsylvania, containing 110 acres, more or less.

Tax Map No. 680-012-00-00-0005-00

Receipt Notes:

Received this 5 day of March, 2026

Witness:

Surface Owner(s):

Surface Owner Address:

Timothy A. and Ada McCleery

36 Memorial Rd

West Alexander, Pa 15376

Phone:

724-470-6222

RECEIPT

To receive from Tunnel Ridge, LLC the sum of Two Thousand Dollars (\$2,000) per well as voluntary and full payment for any and all inconvenience, tree loss, and damage caused by the digging, searching, assessing, re-drilling, plugging, and reclamation of one or more gas wells, related facilities, and access roadway located over, upon, under, and across the property of the undersigned.

All disturbed areas will be reclaimed to as near their original condition as practicable, as weather permits. *Access road will be smoothed for equipment crossing. 2b will be utilized for the length of the roadway.*

Said property being situated in Donegal Township, Washington County, Pennsylvania, containing 144 acres, more or less.

Tax Map No. 230-005-00-00-0006-01

Receipt Notes:

Received this 3 day of March, 2026

Witness:

Surface Owner(s):

Surface Owner(s):

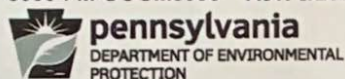
Surface Owner Address:

Gene and Consuello Sheller

74 Sheller Ln,

West Alexander, Pa 15376 1513

Phone: 724-344-8137



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS MANAGEMENT

DEP USE ONLY
DEP ID No. 231172

Rec. 6/1/2023

CERTIFICATE OF WELL PLUGGING

WELL INFORMATION							
Well Operator Columbia Gas Transmission, LLC		DEP ID/OGO No. 29248		U.S. Well No. (API No.) 37-125-00767-00-00		Well Farm Name W. Patterson L3359	
Address 1700 MacCorkle Avenue S.E.		Latitude (DD) 40.082697		NAD 83	Project No.		Well No. 3359
		Longitude (DD) - 80.469833			USGS 7.5 min. Quadrangle Map Claysville, PA		Serial No. L-3359
City Charleston	State WV	Zip Code 25325	Municipality Donegal Township		County Washington		
Telephone No. 724-250-0610	Fax No.	Email brad_nelson@tcenergy.com		Well Type ☐ Coal ☐ Noncoal ☐ Conservation ☒ Storage ☐ Oil ☐ Gas ☐ Other			

The undersigned representatives of the Well Operator certify that we participated in plugging this well, and that the work was started on (date) 3/18/2022, and that the well was plugged as follows:

Filling Material and Plugs	Depth		Casing and Tubing			
	From	To	Size	Pulled	Left	Perf. Depth
Class A Cement (65 sx.)	2742'	1834'	4-1/2"	0'	2742'	1165', 1300', 1585', 1770', 2702'- 2718'
Cast Iron Bridge Plug (CIBP)	1834'	1815'	7"	0'	1781'	1165', 1300', 1585', 1770'
Class A Cement (42 sx.)	1815'	1308'	8-5/8"	0'	1301'	1165'
Class A Cement (10 sx.)	1308'	1189'				
Class A Cement (214 sx.) - squeezed through perfs to surface below retainer.	1189'	0'				
Cement Retainer	1145'	1140'				
Class A Cement (29 sx.) - inside 4-1/2" casing above retainer.	1140'	710'				
			Depth to Workable Coal Seams			
			Pittsburgh coal at 605'-611' from surface.			
TD						
TMD						
DEP Approved Attainable Bottom (ft.)						
☐ Plug and skid ☐ This well was plugged pursuant to mine through standards of Act 214 of 1989 and 2012 Oil & Gas Act. ☐ The well was a violation of section 78.86 or 78a.86 attach explanation. ☐ The well was plugged by a DEP approved alternate method pursuant to section 78.75 or 78a.75. Describe the method and attach diagram. ☐ DEP approved attainable bottom, by _____ ☐ DEP plugged; Contract Number: _____			☒ Marker ☒ Vent A 4-1/2" (12.6 lbs./ft.) casing vent was installed (existing casing) at 0'-710' from surface, cemented in place, and swabbed dry as per PADEP regulations. A 4-1/2" casing monument was installed 72" above grade. The API number was affixed.			

Signature of Participants

Signature – Well Operator	Date	Signature – Qualified Participant	Date	Signature – Qualified Participant	Date
<i>Brad Nelson</i>	4/21/22	<i>Brad Nelson</i>	4/21/22	<i>Bo Hampson</i>	4/21/22
Print or Type Signer's Name and Title Brad Nelson, Storage Engineer		Print or Type Signer's Name, Title, and Company Brad Nelson, Storage Engineer, TC Energy (Columbia Gas Transmission)		Print or Type Signer's Name, Title, and Company Bo Hampson, Well Technician, TC Energy (Columbia Gas Transmission)	

Signers certify that the work of plugging this well was completed on (date) 4/12/2022, and that the information above is true and accurate.

DEP USE ONLY	
☒ Reviewed by DEP Rep <i>Patrick Hiles</i>	☐ Denied Date <u>6/20/2023</u>

Within 30 calendar days after plugging, mail one copy of this certificate to each coal operator, owner, or lessee, if any, and one copy to the appropriate DEP district oil and gas management program office.

PA DEP
Oil and Gas Management Program
Northwestern District Office
230 Chestnut Street
Meadville, PA 16335-3481

PA DEP
Oil and Gas Management Program
Southwestern District Office
400 Waterfront Drive
Pittsburgh, PA 15222-4745

PA DEP
Oil and Gas Management Program
Eastern District Office
208 West Third Street
Williamsport, PA 17701-6448

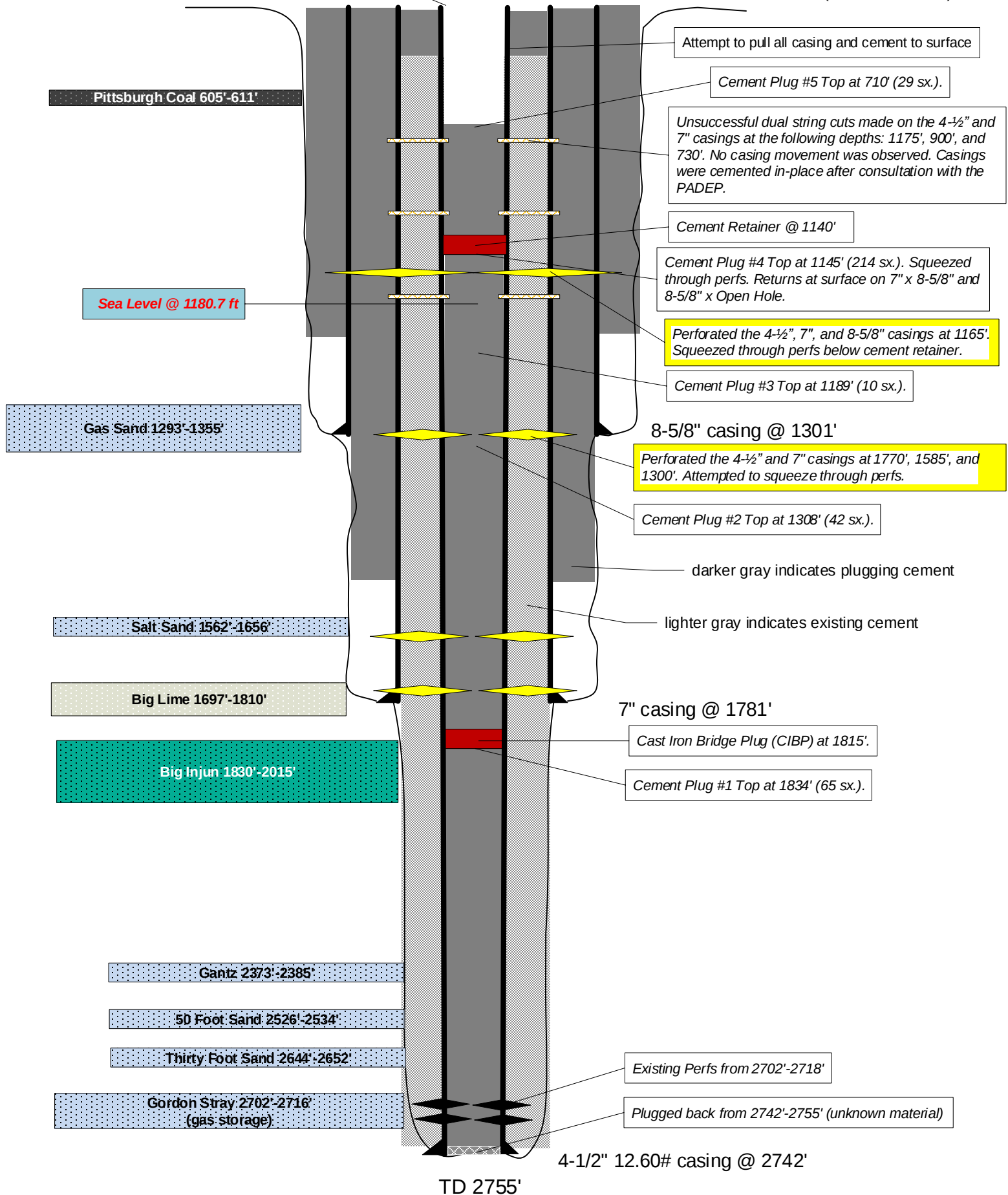
~ not to scale ~

Utilized existing 4-1/2" casing as a vent at 710', cemented to surface, and swabbed dry, per PADEP regulations.

Donegal 3359

Post P&A

(as of 4/14/2022)



From: [Murrell, Michelle](#)
To: [Arlauckas, Shannon](#)
Cc: [Campbell, Heather](#); [Stevens, William](#)
Subject: Tunnel Ridge-W PATTERSON L3359-125-00767-OTP
Date: Thursday, July 2, 2026 12:00:01 PM
Attachments: [image001.png](#)
[Wellbore Schematic \(Post P&A\) - Donegal 3359.pdf](#)
[Donegal 3359 PADEP Certificate of Well Plugging Signed 06.20.2023.pdf](#)
[image002.png](#)
[Tunnel Ridge LLC Patterson 125-00767-OTP.pdf](#)

Good afternoon,

The attached OTP is ready for your review.

Warmest regards,

Michelle Murrell

Department of Environmental Protection | Oil and Gas Management

Southwest Regional Office

400 Waterfront Drive | Pittsburgh, PA 15222-4745

Phone: 412.442.4217 | Fax: 412.442.4328

From: Stevens, William <wistevens@pa.gov>
Sent: Thursday, July 2, 2026 10:08 AM
To: Murrell, Michelle <mimmurrell@pa.gov>
Subject: FW: [External] Application for an Order to Plug 125-00767

Michelle. After a *long* deliberation, it was decided that we should proceed with this OTP as normal (this was literally the first OTP I assigned to you). In my opinion, we should use 6/23/2026 as the received date because that is when Tunnel Ridge provided relevant documentation.

Thanks.



Lliam Stevens | Clerical Supervisor II
Department of Environmental Protection | Bureau of Oil and Gas Management

Southwest District Office
400 Waterfront drive | Pittsburgh PA 15222
Office: 412.442.4134
dep.pa.gov

From: Tiffany Hamilton <Tiffany.Hamilton@arlp.com>
Sent: Tuesday, June 23, 2026 2:09 PM
To: Stevens, William <wistevens@pa.gov>
Cc: Evan Midler <Evan.Midler@arlp.com>; Jason Hustus <Jason.Hustus@arlp.com>
Subject: RE: [External] Application for an Order to Plug 125-00767

Liam,

I apologize for the delayed response. Tunnel Ridge would like to proceed with the application.

Please be advised regarding the regulatory and physical status of the following well located within the Donegal storage field:

Well Name: W PATTERSON L3359
Permit Number: 37-125-00767
Former Donegal Storage Well ID: L-3359

Columbia Gas Transmission, LLC received formal authorization from the Federal Energy Regulatory Commission (FERC) for the abandonment of Donegal storage well 3359 from its Donegal Underground Natural Gas Storage Field (UNGSF) operations in 2021 under Docket No. CP21-466. Following FERC Authorization, Columbia proceeded to permanently plug and abandon the well subject to all applicable regulations for UNGSF wells. Physical plugging operations were fully completed on April 12, 2022. Well 3359 is no longer authorized for gas storage activities by any regulatory body. The well has been plugged and abandoned and is no longer in operation.

Post-plugging records and the application have been attached for your reference. An amended Alternative Method is forthcoming.

Please let me know if the department requires any additional information.

Thank you,

Tiffany Hamilton
Environmental Coordinator
Tunnel Ridge, LLC
tiffany.hamilton@arlp.com
Office: (304)547-2920



From: Stevens, William <wistevens@pa.gov>
Sent: Friday, April 3, 2026 10:26 AM
To: Tiffany Hamilton <Tiffany.Hamilton@arlp.com>
Cc: Evan Midler <Evan.Midler@arlp.com>; Jason Hustus <Jason.Hustus@arlp.com>
Subject: RE: [External] Application for an Order to Plug 125-00767

CAUTION: This is an email from an external sender. Use caution when clicking on links, opening attachments or responding.

Good morning, I have some questions.

Tunnel Ridge is submitting an OtP for this well, the form says the well has no OG lessor or lessee. Our system says Columbia Gas Transmission is the well's owner, and the form also has an appended alternate method application which lists Columbia Gas Transmission as the well operator.

I need clarification on who you believe is the present operator of this well. If the well is owned by Columbia Gas Transmission, Tunnel Ridge cannot take responsibility to plug, it would need a transfer application. Furthermore, we will not authorize an OtP and an alt meth under two different operators respectively, so a single operator will need to be decided for both the OtP and the alt meth.

Thank you.

Liam E Stevens | Clerical Supervisor 2
Department of Environmental Protection
Southwest District Oil and Gas Office
400 Waterfront Drive | Pittsburgh, PA 15222-4745
Phone: 412.442.4134 | Fax: 412.442.4328

From: Tiffany Hamilton <Tiffany.Hamilton@arlp.com>
Sent: Thursday, April 2, 2026 12:37 PM
To: EP, SW OG-Submissions <RA-EPSW-OGSUBMISSION@pa.gov>
Cc: Evan Midler <Evan.Midler@arlp.com>; Jason Hustus <Jason.Hustus@arlp.com>
Subject: [External] Application for an Order to Plug 125-00767

ATTENTION: This email message is from an external sender. Do not open attachments or

click links from unknown senders. To report suspicious email, use the [Report Phishing button in Outlook](#).

Hello,

Please find attached the Application for an Order to Plug the Patterson well (125-00767).

Tracking numbers for mailed applications:

Columbia Gas Trans LLC: 9589 0710 5270 0053 6297 50

Gene and Consuello Sheller: 9589 0710 5270 0053 6297 74

Timothy and Ada McCleery: 9589 0710 5270 0053 6297 67

Please do not hesitate to reach out if you have any questions.

Thank you,

Tiffany Hamilton
Environmental Coordinator

Tunnel Ridge, LLC

tiffany.hamilton@arlp.com

Office: (304)547-2920



WELL REGISTRATION FORM

To be used for well(s) not permitted or issued drilling file numbers under Act 225, The Pennsylvania Gas Operations, Well-Drilling, Petroleum and Coal Mining Act. Supply all available information.

Columbia Gas Transmission
 Operator's Name
 1700 MacCorkle Ave., SE
 Address
 Charleston, WV 25314
 (304) 357-2693
 Telephone #

C T CORPORATION SYSTEM
 W. R. Gavin
 Agent, Asst. V.P.
 320 Oliver Bldg.
 Signature
 Address
 Pittsburgh, PA 15222
 (412) 281-2681
 Telephone #

Project # _____
 If previously assigned by Dept
 County WASH.

350' 5 40' 05' 00"
 3300' 12 80' 27' 30"
 (D) •
 Clayville 7 1/2' 90' 40"

241 US. ONE
 Code
 5-23-8

For Department Use Only	API/Registration #	Municipality County Township	Farm Name	Well#	Serial # Optional	Date Drilled	Type Well	T.D.	Casing Record Size (diam.) Length (ft.)	Type and amount of cement	Packers Size/Type/Setting Depth	Producing Horizons
	125-00766	Washington Donegal	W. R. Hamilton	L-3358	L-3358	7-21-20	Stg	2768	10 3/4 863 6 5/8 1812 4 1/2 2770	Class A 325		Gordon Stray
	" - 00767	Washington Donegal	William Patterson	L-3359	L-3359	12-30-19	Stg	2723	8 5/8 1301 6 5/8 1781 4 1/2 2742	Class A 360		Gordon Stray
	" - 00768	Washington Donegal	Martin (C. W. Chaney)	L-3702	L-3702	8-26-43	Stg	2534	8 5/8 1839 5 1/2 2536	Class A 425		Gordon Stray
	" - 00769	Washington Donegal	J. C. Cunningham Hrs	L-3829	L-3829	5-23-44	Stg	2600	10 3/4 522 7 1874 4 1/2 2603	Class A 120	7 x 8 Anchor 1855	Gordon Stray
	" - 00770	Washington Donegal	W. S. Main	L-3839	L-3839	11-22-44	Stg	2585	10 3/4 520 7 1850 4 1/2 2595	Class A 100 Class A 130		Gordon Stray
	" - 00771	Washington Donegal	Thomas H. Wallace	L-3876	L-3876	5-23-45	Stg	2741	10 3/4 689 7 2044 4 1/2 2768	Class A 272		Gordon Stray
	" - 00772	Washington Donegal	J. H. Hunter	L-3946	L-3946	12-15-47	Stg	2850	8 5/8 1695 6 5/8 2154 4 1/2 2859	Class A 350		Gordon Stray

Attachments Needed:

- ☒ 7 1/2 minute topographic map or other description to enable the Department to find the well site on the ground
☒ Driller's log (if available)
☒ Proof of bond or blanket bond
☐ Alternate fees in lieu of bond
☒ Registration fee of \$15 per well or \$250 for blanket registration on well registrations submitted simultaneously for same project.

The registration number issued pursuant to this registration form shall be installed on the well in a legible, conspicuous and permanent manner within 60 days of issuance.

125-00766
 2495 120367

125-00767
Clayville 2.

PA.-WASHINGTON CO.-DONEGAL TWP.
Clayville SW quad. (Cy 4-52)
D.B.R. Notes, p. 8372
BRF from M.L.H.

Wm. Patterson No. 2-3359 Well (G-582)
(270 acres)

Donegal Twp., Washington Co., Pa.; on a northern branch
of Middle Wheeling Creek 2.0 miles S 100 W of Vienna (Coon
Island P. O.); completed _____ (about 1910); by
Manufacturers Light & Heat Co.; elevation _____.

	Top Feet	Bottom Feet
Coal, Pittsburgh.....	605	611
Gas Sand (East Lynn).....	1300	1380
Sand, Big Injun.....	1742	2039
Sand, Gordon..(gas, 2696').....	-	2705
Total depth.....		2705

15" casing, 80' (pulled); 10" csg., 616' (pulled); 8½" csg.,
1301'; 6-5/8" csg., 1781'.

Gordon Sand gas well.
Still producing 6-20-44.

WELL LOG SUMMARY

Sheet 1 of 2

LOCATION	COMPANY The Manufacturers Light and Heat Co.				DIV 5	FIELD Donegal	WELL NO L-3359					
	FARM NAME William Patterson		ACRES 1-14087	LEASE NO Donegal	TOWNSHIP Washington	COUNTY Pa.	STATE					
	TOPO MAP		Quadrangle		Ft. of		and					
	MAP		Ft. of		°							
CONTRACTOR	CONTRACTOR'S NAME Work done by The M L & H Co.				Reconditioned 0 Ft. to 2742 Ft.							
	ADDRESS				Type of Rig 28 L Spudder							
	DATE COMMENCED 4 - 7 - 70		DATE WELL COMPLETED 5 - 27 - 70		COMPLETED TOTAL DEPTH 2723 Feet		TYPE COMPLETION Cement Through					
	DATE WELL COMMENCED		DATE WELL COMPLETED		COMPLETED TOTAL DEPTH		TYPE COMPLETION					
HOLE SIZE	BIT GAUGE (Inches)		10		8		6 1/2					
	FROM - TO (Feet)											
	SIZE (O.D.)		8 1/4		6 5/8		4 1/2					
	WEIGHT / FOOT						12.6					
CASING AND TUBING (All Measurements less threads)	STEEL GRADE		(Original well records)		J55							
	COUPLING TYPE				Went							
	SETTING DEPTH		1300' - 7"		1780' - 7"		2742					
	LEFT IN HOLE		1300' 7"		1780' 7"		2742					
CEMENT	NUMBER OF SACKS				320							
	TYPE				50/50 Poz							
	WEIGHT (# Gal.)				14.2							
	RETURN TO SURFACE (Yes-No)				Yes							
CEMENTING SHOE OR PACKER	PLUG DOWN PRESSURE				200							
	MANUFACTURER				Halliburton							
	TYPE		Insert Float Valve		Float Shoe							
	SIZE		4 1/2		4 1/2							
WELL STIMULATION (Attach Completed Form PD-17 - "Well Stimulation Report" if applicable)	TREATMENT		TYPE		SIZE AND/OR AMOUNT		ZONE TREATED					
							From					
							To					
							Before					
OPEN FLOW TESTS	DATE GAUGED		FORMATION		PAY ZONE		TYPE GAUGE (SPECIFY)					
	4 27 70		Gordon		From 2702 To 2718		Orifice					
	6 1 70		Gordon		From 2702 To 2718		Orifice					
WELLHEAD PRESSURE TESTS	DATE GAUGED		FORMATION		MINUTE PRESSURES - PSIG				WELLHEAD PRESSURES - PSIG			
	6 1 70		Gordon		1 3 5 10 20 30				24HR 48HR 72HR MAX PRESS HOURS			
					0 0 5 10 20 25				460 465 470 470 72			
MISC.	DEPTH MEASUREMENT TAKEN FROM:						DIST. TO GROUND		ELEVATION			
	☒ Derrick Floor ☐ Ground ☐ Other (Specify) _____						2 Feet					
	LOGGED		LOGGED BY (COMPANY)				DATE LOGGED					
	☒ Yes ☐ No		Schlumberger				5 27 70					
REMARKS	Ran Gamma Ray and perforated Tubing at 2702' to 2712' on 5-25-70.											
	Perforated 1 1/2" Tubing at 2712' to 2718' on 5-27-70.											
APPROVED BY (DIVISION ENGINEER)		DATE		APPROVED BY (DIVISION MANAGER)		DATE						
R.R. L.C.P.		11/28/70		[Signature]		12/1/70						
Attach additional sheets (Form PD-44b) and forward to Manager, Production and Storage - Pittsburgh General Office												
Approved by [Signature] 12-14-76												

2 of 2 Sheets

ORIGIN OF FORMATION DEPTHS

☐ Driller's Log

☒ Service Company Log

☐ Combination

[illegible]

WELL ABANDONMENT RECORD

Sheet 1 of 1

COMPANY The Manufacturers Light & Heat Company		DIV. NO. 5	FIELD Majorsville	WELL NO. L-1053
FARM NAME Michael Crow	TOWNSHIP - TOWN - DISTRICT Richhill Twp.	COUNTY Greene	STATE Pa.	
ASD / WORK ORDER NO. I2611-L-5-3523	WORK PERFORMED BY (MACH. NO.) L-4248	DATE WORK STARTED 3/31/66	DATE WORK COMPLETED 4/26/66	

WORK PERFORMED. (Clearing Out, Plugging, Cutting or Pulling Pipe, etc.)

4½" Tubing cut @ 986' and pulled. 989' 10" of 4½".

Left 55'2" of 4 $\frac{1}{2}$ " Tubing in Hole. W

1 8 1/2" X 4" Spang Anchor Packer @ 1016' left in well.

Run 1045' Grout Line and Cement Plug from 1045' to 800' with 100 bags Cement.

8 5/8" Casing cut @ 310'11" and Pulled.

8 5/8" Casing left in Well 489'1".

10" Casing left in Well 140'.

13" Casing left in Well 44'.

Run 316'10" of 2" Vent including a 6'8" point of 5" Perforated Anchor with a 5"x 10" Cement Petal Basket set @ 305'. Run 302' of 1 1/2" Grout Line and Cemented with 80 bags, 305' to 200' through Pittsburgh Coal. Filled Annulus with natural earth to surface.

SIZE - Inches O. D.		13"	10 3/4"	8 5/8"	4"
ORIGINAL - Feet		44'	110'	800'	1045'
LEFT IN HOLE	Feet	44'	110'	489.1'	55.2'
	Depth (From - To)	0-44'	0-110'	311'-800'	990'-1045'

Size (Inches O. D.) 2" Vent Pipe at 310' feet thru Pittsburgh Coal ☒ YES ☐ NO

FROM (Feet)	TO (Feet)	PLUGGING MATERIAL AND PROCEDURE USED
1045	800	Neat Cement - 100 Bags
800	350	6% Aquagel
350	310	Stone Bridge
310	305	Aquagel
305	200	Neat Cement
200	0	Natural Earth
		Monument to be erected

COMPILED BY
Rev Reynolds

REVIEWED BY Shard Gumbert

APPROVED BY (Dir. Supt.) *[Signature]*

3359
Donegal

Division _____ Company _____

Record of well No. _____ on _____ Farm _____ Acres _____

Field _____ District _____ County _____ State _____

Rig Commenced 19 _____ Completed 19 _____

Drilling Commenced 19 _____ Completed 19 _____

Contractor _____ Address _____

Driller's Name _____

THE NATURAL GAS COMPANY OF WEST VIRGINIA 106

WELL RECORD

Conductor _____

Donegal

Township

Washington

Form

Penna.

Acres

State

Well No. 1. - 106

Drilling Commenced Nov. 1, 1919.

Drilling Completed Dec. 30, 1919.

Henry Martin & Son

Contractor

Volume
After Cu. Ft.

ROCK FORMATION

TOP

BOTTOM

REMARKS

Date

Pittsburgh Coal

605

611

Co. Sand

1300

1380

S. S. Sand

1545

1668

Lo. Lime

1672

1742

Water 1565 Hole full

Imp. L.

1742

2039

Co. L.

2161

2200

Co. Foot

2350

2432

Total Depth

2705

Gas at 2696

6 5/8" x 2" Dresser Anchor

Packer 2002

Cage 2662

Well shot with gts at 2696

3" leg through shot hole

Elevation above sea level

Casing head - 1183 3 ft

CASING RECORD

Charged to Well			Put in Well		Pulled Out		Left in Well		Transferred Before Completion		Left at Well Not in Use	
Size	Feet	In	Feet	In	Feet	In	Feet	In	Feet	In	Feet	In
13"			80		80							
10"			616	5 1/2	616	5 1/2						
8"			1300	7								
6-5/8"			1730	7								
2			2682									
3			23									

INITIAL TEST

10 20 30
145 230 300

1st Min

2nd Min

3rd Min

4th Min

5th Min

Rock Pressure

34

46

58

70

81

590

Capacity first 24 hours

1,015,000

Cubic Feet

431,000 by water

Approved by

O. J. Stokes

Supt

Field Superintendent

NOTE-
All tests

PROOF-Sum of Three right hand columns equals first or "Charged to Well"
Use as many sheets as necessary to make a complete record

Payment of the bill for drilling,
at sand and at what depth

COMPANY The Manufacturers Light and Heat Company		FIELD Majorville	WELL NUMBER 1053
FARM NAME Michael Crow		TOWNSHIP - DISTRICT Richhill	COUNTY STATE Greene Pa.

DATE COMPLETED	INITIAL OPEN FLOW MCF	INITIAL ROCK PRESS. PSIG	PRODUCING FORMATIONS		TOTAL DEPTH	CASING AND TUBING				PACKER
			NAME	GAS AT		10"	8"	7"	4"	
10/21/08				1026	1036	140	800		1036	8" 10" 016"
			Pgh. Coal		265					

REMARKS	WELL DEPTH	MONTH	LINE PRESS (LBS)	ROCK PRESS (LBS)	DAYS ON LINE	ROCK PRESS (LBS)	ORDER NO.	BAILING, CLEANING OUT AND SPECIAL TESTS				WELL STATUS
								OPEN FLOW (GAL. FT)		FEET OF WATER BAILED		
								BEFORE	AFTER			
Special Test 10/1/63	4	XMAX	89			97						
	8	XMAX				97						
	12	XMAX				97						
		MAY										
		JUNE										
		JULY										
		AUG										
		SEPT										
		OCT										
		NOV										
		DEC										
		TOTAL										
Testing 10/10/63	1	XMAX	0							18 MCF	Blew 2 Hrs	
	2	XMAX	5									
	3	XMAX	7									
	4	XMAX	11									
	5	XMAX	13									
	6	XMAX	16									
	7	XMAX										
	8	XMAX										
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	170	XMAX										

The Manufacturers Light & Heat Co.

Farmers Bank Building, Pittsburgh, Penna.

1053

Marysville

Division

Record of Well No

1

on

Michael Crow East

Farm

371

Acres

Marysville

Field

Rickhill

Township

Keweenaw

County

Minnesota State

Rig commenced

Sept 22nd

1908

Completed

Sept 28th

1908

Drilling commenced

Oct 5

1908

Completed

Oct 21

1908

Cost per foot

\$1.80

Contractor

J. M. Moorhead

Address

Marysville Minn

Drillers' names

J. C. Enright

H. A. Hulings

F. Moran Roy Fletcher

BOILER

ENGINE

RIG

H. P.	No.	Name of Maker	H. P.	No.	Name of Maker	New	Old	Height	Name of Boiler
						yes		82	S. H. Ford

CONDUCTOR AND CASING USED IN DRILLING

Conductor	12 inch	10 inch	8 1/2 inch	6 1/2 inch	6 inch	5 1/2 inch	5 3/16 inch	5 inch	4 inch
16	44	140	100						

CONDUCTOR AND CASING LEFT IN WELL

Conductor	12 inch	10 inch	8 1/2 inch	6 1/2 inch	6 inch	5 1/2 inch	5 3/16 inch	5 inch	4 inch	3 inch
46	44	140	840						1045	

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Tanks	Size of Packer	Depth Set	Packed With	1st Month's Production	Back Pressure
						8 x 4	1016	1 1/2" string pack	900 bbls	260

FORMATION

Top

Bottom

Thickness

Rgh Coral	265	270	5
Little dark sand	585	635	40
Big dark sand	815	835	20
Gas sand	1016	1026	
Geo	1026	1036	

Big flow of gas in C&H

Oct 30th 1908 wire pulled with 4" anchor 1 ft above packer 50 ft

Cage placed on top of gas foot packer on top of cage by 8" nipple

United Mill & Lumber Co.

7-20-10

Examined above information and measurements and found to be correct by

Examined and approved by

J. M. Moorhead

Contractor

H. L. Snyder

Superintendent of Co.

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.

All formations and measurements given by the Contractor, with a complete and accurate record of the Well, and accompany, when presented for payment.

125-00767

COLUMBIA GAS SYSTEM - PITTSBURGH GROUP COMPANIES
WELL ABANDONMENT RECORD

Sheet 1 of 1

GENERAL	COMPANY The Manufacturers Light & Heat Company		DIV NO 5	FIELD Majorville	WELL NO L-1053
	FARM NAME Michael Crow		TOWNSHIP - TOWN - DISTRICT Richhill Twp.	COUNTY Greene	STATE Pg.
	ADD / WORK ORDER NO. 12514-105-8523	WORK PERFORMED BY (MACH NO) L-4248	DATE WORK STARTED 3/31/66	DATE WORK COMPLETED 4/26/66	
	WORK PERFORMED (Plugging, Cutting or Pulling Pipe, etc.)				

1 1/2" Tubing cut @ 986' and pulled 989'10" of 1 1/2".

Left 55'2" of 1 1/2" Tubing in Hole.

1 8 1/2" X 4" Spang Anchor Packer @ 1016' left in well.

Run 1045' Grout line and Cement Plug from 1045' to 800' with 100 bags Cement.

8 5/8" Casing cut @ 310'11" and Pulled.

8 5/8" Casing left in Well 489'1".

10" Casing left in Well 1160'.

13" Casing left in Well 44'.

Run 316'10" of 2" Vent including a 6'8" point of 5" Perforated Anchor with a

5" X 10" Cement Petal Basket set @ 305'. Run 302' of 1" Grout Line and Cemented with 80 bags, 305' to 200' through Pittsburgh Coal. Filled Annulus with natural

earth to surface.

SIZE - Inches O.D.	13"	10 3/4"	8 5/8"	4"
ORIGINAL - Feet	114'	1140'	800'	1045'
LEFT IN HOLE	44'	1160'	489'1"	55'2"
Depth (From - To)	0-44'	0-1160'	311'-800'	990'-1045'

Size (Inches O.D.) 2" Vent Pipe at 310' feet thru Pittsburgh Coal

PLUGGING MATERIAL AND PROCEDURE USED

FROM (Feet)	TO (Feet)	PLUGGING MATERIAL AND PROCEDURE USED
1045	800	Neat Cement - 100 Bags
800	350	6% Aquagel
350	310	Stone Bridge
310	305	Aquagel
305	200	Neat Cement
200	0	Natural Earth

Monument to be erected

COMPILED BY
Ray Reynolds

APPROVED BY (DR. SGT.)

STATE OF WEST VIRGINIA
OFFICE OF MINERS' HEALTH, SAFETY & TRAINING
#7 PLAYERS CLUB DR., SUITE 2
CHARLESTON, WV 25311-2126

PERMIT NUMBER: OHIO-047
DATE: 04/26/2023

P E R M I T
TO EXTEND MINE WORKINGS
WITHIN THE 500 FOOT RADIUS OF OIL OR GAS WELLS

COMPANY: TUNNEL RIDGE, LLC
MINE: TUNNEL RIDGE MINE
SEAM: PITTSBURGH
DISTRICT: DONEGAL
COUNTY: OHIO
ADDRESS: 184 SCHOOLHOUSE LANE
CITY: VALLEY GROVE, STATE: WV, ZIP: 26060
MINE PERMIT NUMBER: U00018183

PERMISSION IS HEREBY GIVEN:

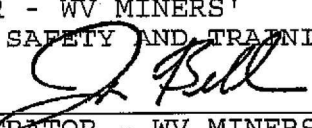
TO MINE WITHIN A 500 FOOT RADIUS OF THE COLUMBIA
GAS TRANS LLC #3359 PLUGGED GAS WELL LOCATED ON
THE MCCLERY TIMOTHY A & ROBERT B FARM IN THE
DONEGAL DISTRICT OF WASHINGTON COUNTY PA AS SHOWN
ON THE APPROVED ATTACHED MAP.

CONTINGENT UPON THE FOLLOWING:

1. MINING IS TO BE PERFORMED STRICTLY IN ACCORDANCE WITH THE MAP APPROVED BY THE WV OFFICE OF MINERS' HEALTH, SAFETY AND TRAINING HERETO.
2. A COPY OF THE PERMIT SHALL BE KEPT AT THE MINE.
3. THE PERMIT IS VOID UPON INSPECTOR'S RECOMMENDATION.
4. THE PERMIT IS NON-TRANSFERRABLE.

WELL OPERATOR: COLUMBIA GAS TRANS, LLC
WELL OPERATOR WELL NUMBER: 3359
MINE OPERATOR WELL NUMBER: 3359

FRANK FOSTER
BY: DIRECTOR - WV MINERS'
HEALTH, SAFETY AND TRAINING


ADMINISTRATOR - WV MINERS' HEALTH,
SAFETY AND TRAINING

CCS:
COLUMBIA GAS TRANS, LLC
REGION: 1
M.S.H.A. District Office
MHST File

OHIO-047
D.W.
04/26/23



OG-44
REV. 01/2021

DATE: 03/30/2023

OPERATOR'S WELL NO. # 3359

API WELL NO. 37 - 125 - 00767

STATE OF WEST VIRGINIA
OFFICE OF MINERS' HEALTH, SAFETY & TRAINING
7 PLAYERS CLUB DRIVE - SUITE 2
CHARLESTON, WV 25311-1626
minesafety.wv.gov

APPROVED

J. Bell

4-26-2023

NOTICE BY COAL OPERATOR OF INTENTION
TO MINE WORKINGS WITHIN 500 FEET OF A WELL

WELL OPERATOR: Columbia Gas Trans LLC

AGENT: Dustin Osborne

Address: 1700 MacCorkle Avenue SE

E-mail Address: dustin_osborne@tcenergy.com

Charleston, WV 25134

Address

Name of Person to receive this permit:

Printed Name:

Evan Midler

Email Address: evan.midler@arlp.com

On the reverse side hereof is a copy of the map and plan of the undersigned coal operator showing its projected mine workings within 500 feet of said well or under a tract of land of which the indicated well operator is in visible possession for the purpose of drilling a well.

Pursuant to the requirements of Code 22A-2-75, you are hereby notified that the undersigned coal operator will proceed with its mining operations in the manner and as projected on said plan or maps, but will not mine or remove coal or conduct its mining operations nearer than 200 feet to said well without the consent of the Office of Miners' Health, Safety and Training.

The undersigned coal operator hereby represents that it will file updated or new maps and plans with the Office of Miners' Health Safety and Training every six months, until mining within 500 feet of the well had ceased or until the well has been mined through.

By:

Title: Engineering Manager

Tunnel Ridge

Coal Operator

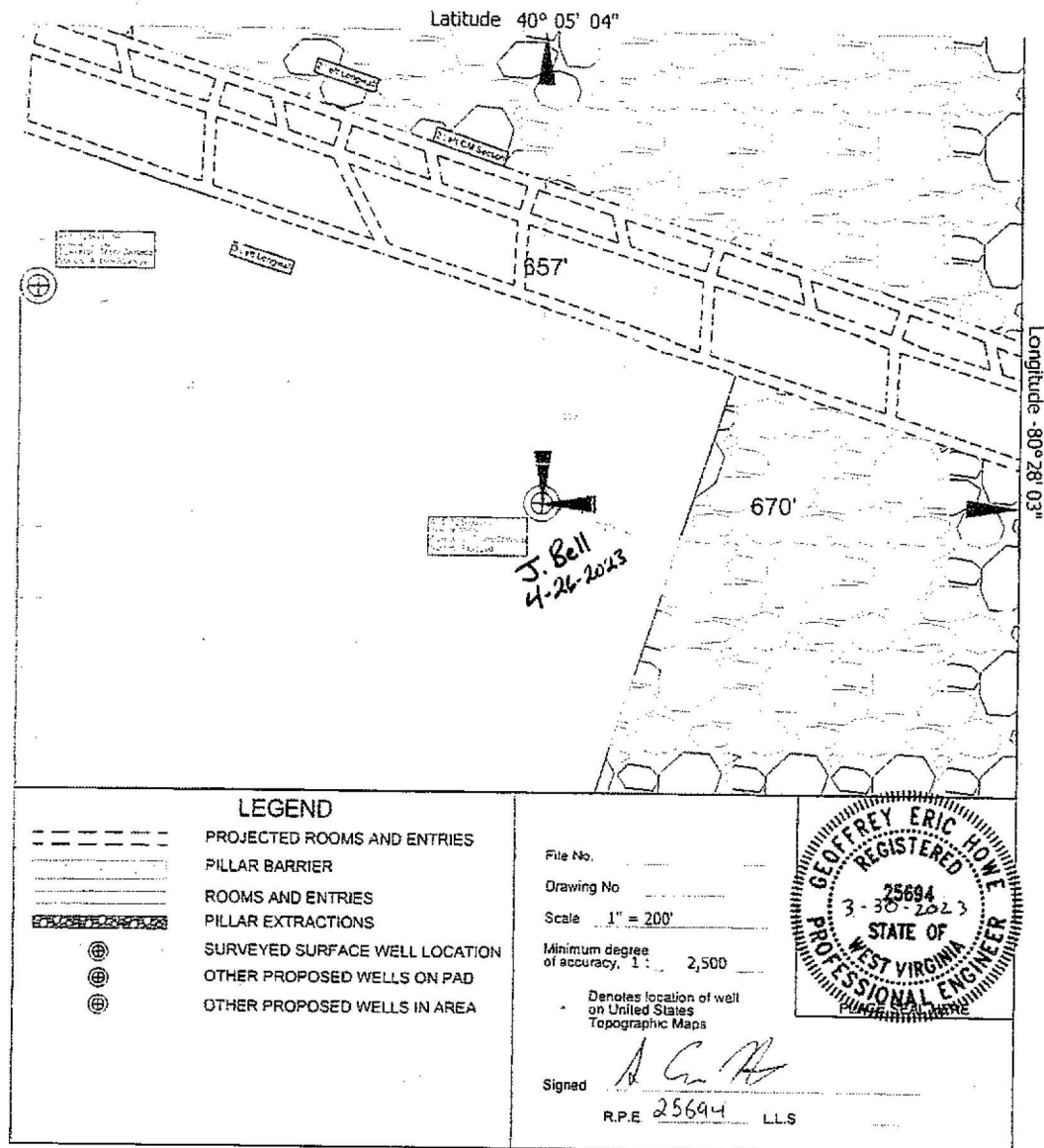
Printed Name: Eric Howe

Email Address: eric.howe@arlp.com

Copies with attachments to:
Well Operator
Designated Agent

Note:

In the event a coal operator, prior to proceeding with any mining operations within 500 feet of a well, files form OG-45, "Coal Operators Petition to Operate within 200 Feet or to Mine through a well", such form OG-45 petition shall serve as the notice to intention to extend mine workings within 500 feet of the subject well, and the form OG-44 is not required.



Latitude: 4 0 / 0 4 / 5 7 . 7 1 2 5 Longitude: - 8 0 / 2 8 / 1 1 . 3 9 5 6

NAD: WVN NAD 83 DATE: 03/30/2023

Coal Operator's Well No. # 3359 Operator's Well No: # 3359

API Well No: 37-125-00767

2 Left Gate: 258 ft
2 Left Longwall: 429 ft
3 Left Longwall: 200 ft

PROJECTED DISTANCE OF NEAREST OR CLOSEST MINING TO WELL

WV Office of MHST Mine Permit No.: U-18183

**COAL OPERATOR'S PLAN TO EXTEND MINE WORKINGS
WITHIN 500 FEET OF A WELL**

COAL OPERATOR Tunnel Ridge

ELEVATIONS: Surface 1179' +/-

Address: 184 Schoolhouse Lane, Valley Grove WV 26060

Bottom of Coal: 570' +/-

Difference: 609' +/-

MINE Tunnel Ridge SECTION(S) 2 Left Gate, 2 Left Longwall, 3 Left Longwall OVERBURDEN 601' +/- COAL SEAM Pittsburgh 8

ROOF Limestone BOTTOM Fire Clay

Well Type: Oil ☐ / Gas ☒ / Liquid injection ☐ / Waste Disposal ☐ Coal Bed Methane ☐

/ Gas: Production ☐ / Underground Storage ☒ / Deep ☐ / Shallow ☒

Location:

Elevation: 1179' +/-

Watershed: Ohio

District: Donegal

County: Washington

Quadrangle: West Quadrangle

Farm: McClery Timothy A & Robert B

Tract 110

acres

(Lease No. _____)

STATUS: Active ☐ / Abandoned ☐ / Drilling ☐ / Plugged ☒

Date completed or abandoned: 04/22/2022

AMOUNT OF CASING IN WELL: Unknown



184 Schoolhouse Lane Valley Grove, WV 26060
Telephone: (304) 547-2900 Fax: (304) 547-2940

April 10, 2023

Mr. Joshua Bell
Administrator
WV Office of Miners Health Safety and Training
7 Players Club Drive
Charleston, WV 25311

RE: Mine By Request – API # 37-125-00767
Tunnel Ridge Mining, LLC - ID# 46-08864 U – 18183

Dear Mr. Bell,

Tunnel Ridge Mine is submitting an OG-44 form to mine within 500 feet of the #3359 gas well in 2 Left advancing gateroad, 2 Left longwall, and 3 Left Longwall. Attached is the OG-44 form with all required information, including projections and well location. The certified mail tracking number for this well is 7021 2720 0001 4663 9310. The OG-44 was delivered to TC Energy as of Tuesday, April 4th.

If you need additional information please feel free to contact me at (304) 547-2837 or james.pollock@arlp.com.

Sincerely,

James Pollock
Engineer