



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

DEP USE ONLY	
Auth. No. 1387083	U.S. Well

NOTICE OF INTENTION BY WELL OPERATOR TO PLUG A WELL

☒ Well Operator ☐ Coal Operator		OGO No. 29248	U.S. Well No. (Permit / Reg) 37-125-00767-00-00	Date Drilled (If known) 12/1/1919
Name Columbia Gas Transmission, LLC			Well Farm Name W. PATTERSON L3359	
Address 1700 MacCorkle Avenue S.E.		Telephone No. 304-357-2000	Well No. 3359	Well Serial No. L-3359
City Charleston	State WV	Zip Code 25325	County Washington	
☐ Agent (contractor) acting on behalf of the operator named above.			Municipality Donegal Township	
Address		Telephone No.	Latitude (DD) 40.082697	Longitude (DD) - 80.469833
City	State	Zip Code	Attach well record if not previously submitted.	

Complete this section if applicable. Prior to abandoning any well in an area underlain by a workable coal seam, the well operator or owner shall notify the coal operator, lessee, or owner of the intention to plug and abandon the well, and shall submit a plat showing the location and affix the date and time at which the work of plugging will commence.

Coal: ☒ Operator ☐ Owner ☐ Lessee	Coal: ☐ Operator ☒ Owner ☐ Lessee	Coal: ☐ Operator ☐ Owner ☒ Lessee
Name Tunnel Ridge, LLC	Name Alliance Resource GP, LLC	Name Tunnel Ridge, LLC
Address 184 Schoolhouse Lane	Address 184 Schoolhouse Lane	Address 184 Schoolhouse Lane
City, State, Zip Code Valley Grove, WV 26060	City, State, Zip Code Valley Grove, WV 26060	City, State, Zip Code Valley Grove, WV 26060
Telephone No. 304-547-4025	Telephone No. 304-547-4025	Telephone No. 304-547-4025
Notified? ☒ Yes ☐ No	Notified? ☒ Yes ☐ No	Notified? ☒ Yes ☐ No
This Party hereby waives the rights to be notified of the date and time before plugging work will begin and to be present at the plugging of this well.		
Signature:		

Scheduled Date and Time of Plugging Plugging is scheduled to begin on (date) 3/21/2022 at (time) 6:00 A.M.		☐ CHECK BLOCK IF THIS WELL IS BEING PLUGGED PURSUANT TO MINE THROUGH STANDARDS OF ACT 214 of 1989 AND the 2012 Oil & Gas Act.
Checklist and Additional Attached Information		Signature of Applicant (Operator or Agent)
☒ Location Plat ☒ Current Well Record ☒ Available Well Record ☐ Application for Approval of Alternate Method of Plugging ☐ Mine - Through ☒ Other, describe: Proposed method of plugging and wellbore diagram.		Signature <i>Brad Nelson</i> Date 3/10/2022 Print or Type Signer's Name and Title Brad Nelson, Storage Engineer

DEP USE ONLY	
If this well has not been permitted or registered previously, DEP hereby assigns this identification number to the well location described in this notice: Identification No. _____ Date _____ Please refer to this number in all future correspondence.	Notice acknowledged by _____ Date 5/9/20 DEP Rep (Signature) <i>Andrew Mullen</i> (Print Name) Andrew Mullen
	Geologist <i>AM</i> Date 5/9/20

Send a copy of this notice to the applicant and the DEP inspectors.

☐ Applicant ☐ Oil and Gas Inspector ☐ Mine Inspector	Date Received in DEP Office Plugging must begin within 30 days of RECEIVED
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MAR 11 2022

DEPSWDO
OIL & GAS



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

WELL LOCATION PLAT

PAGE 1 Surface Location

DEP	Auth ID #:	G:
USE	Permit #:	C:
ONLY	Project #:	

True Latitude: NORTH

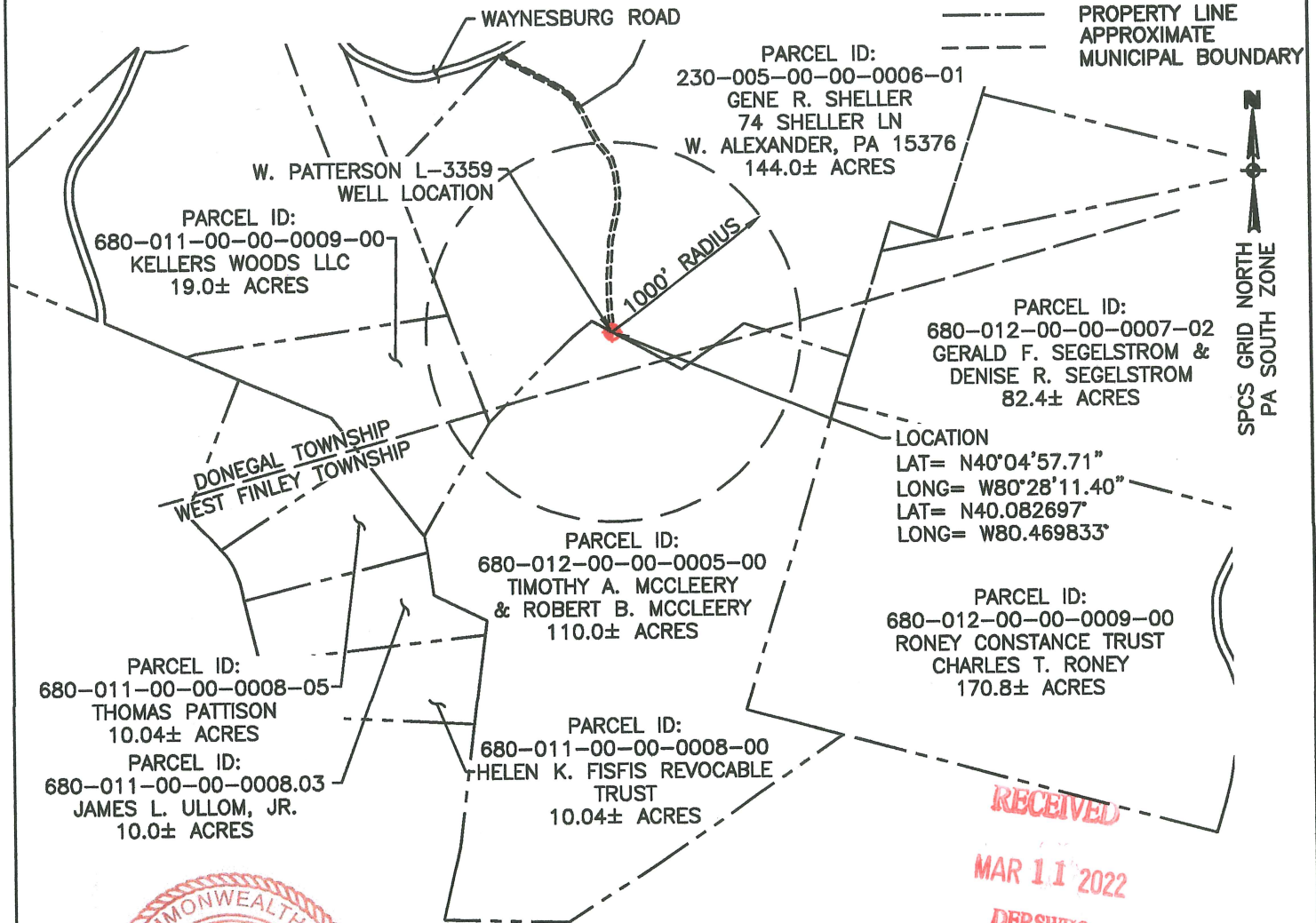
40 082697

True Latitude: WEST

80 469833

LEGEND:

EXISTING GAS
STORAGE WELL
EDGE OF ROAD
ACCESS ROAD
PROPERTY LINE
APPROXIMATE
MUNICIPAL BOUNDARY



NOTES:

1. THIS MAP IS FOR WELL LOCATION PURPOSES ONLY AND DOES NOT REPRESENT A COMPLETE BOUNDARY SURVEY. ALL TRACT LINES ARE TAKEN FROM COUNTY TAX MAPS.
2. TRACT ACREAGES TAKEN FROM COUNTY TAX ASSESSMENT RECORDS.
3. THE PURPOSE OF THIS PLAT IS TO SUPPORT THE ABANDONING OF THIS STORAGE WELL #3359 TO DOCUMENT LOCATION.

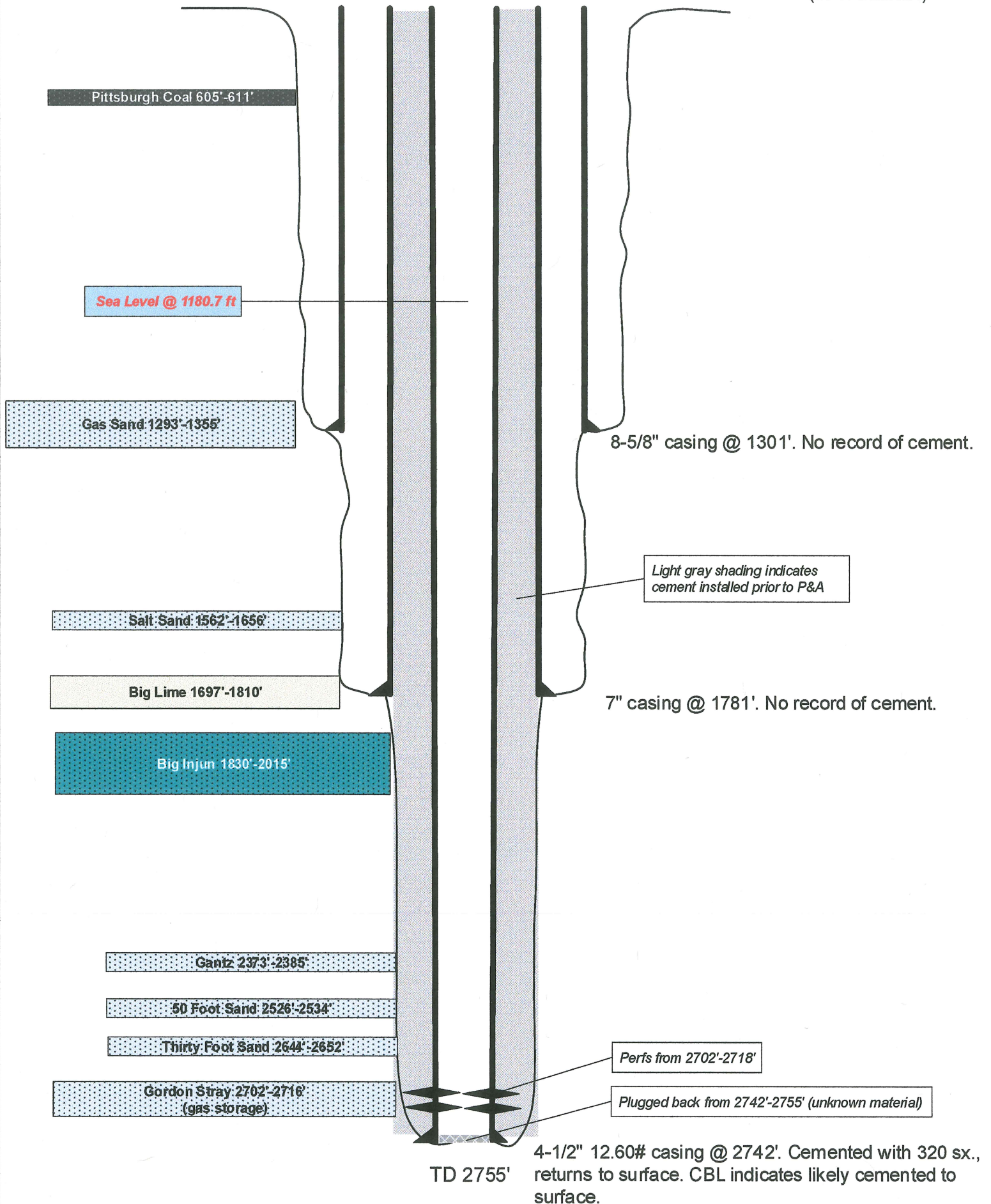
Applicant/Well Operator Name: COLUMBIA GAS TRANSMISSION, LLC.		DEP ID # 29248	Well (Farm) Name: W. PATTERSON L-3359		Well # 3359	Serial # 229191
Address: 1700 MAC CORKLE AVE., CHARLESTON, WV. 25325-1272			County: WASHINGTON (63)	Municipality: DONEGAL TWP & WEST FINLEY TWP.	Well Type: GAS STORAGE	
911 address of well site: 74 SHELLER LN., W. ALEXANDER, PA, 15376			USGS 7½' Quadrangle Map Name: CLAYSVILLE, PA	Map Section: 1	Surface Elevation: 1180.7 ft.	
Surveyor or Engineer: MOTT MACDONALD	Phone # 601-228-8461	Dwg # 3359	Date: 2020-12-23	Scale: 1" = 900'	Tract Acreage: 144.0 ± ACRES	
Lat. & Long Metadata Method: GPS	Accuracy: ±3 ft.	Datum: NAD 83	Elevation Metadata Method: GPS	Accuracy: ±3 ft.	Datum: NAVD 88	Survey Date: 11-11-2020

~ not to scale ~

Donegal 3359

Prior to P&A

(as of 3/2/2021)



WELL JOB PLAN		Well Engineering & Technology		PAGE 3	DATE JOB PREPARED: 3/2/2021
Objective: Plug and Abandonment				LAST PROFILE UPDATE:	
TITLE: Plug and Abandonment			WORK TYPE: MOD3		
FIELD: Donegal	WELL: 3359				
STATE: PA	SHL (Lat/Long): 40.082800 -80.469654		API: 37-125-00767-00-00		
TWP: Donegal	BHL (Lat/Long): 40.082800 -80.469654		CNTY: Washington		
PROCEDURE					
Note: The well was killed with 11 ppg CaCl mud on 2/12/2020. A composite DBP was set at 2625'.					
1 Obtain NRP clearances, TOPs, pipeline crossing eval, etc. 2 Obtain State plugging permit. 3 Notify Reservoir Engineering & Geosciences (REG) of intent to take well out of service. 4 Prepare access road and well site. Install ECD's per EM&CP. 5 Service all wellhead valves. 6 Document initial tubing / casing / annular pressures. 7 Ensure well is dead. May have to top off wellbore. Use at least 10.4 ppg fluid. 8 MIRU service rig. 9 NU 7-1/16" 2000 # BOPs (double ram with blind & pipe + annular). Secure BOPs to eliminate free movement. Pressure test low/high to 250/1600 psig using packer set <30 ft. Pressure test TIW/stabbing valves. 10 TIH with work string, drill out composite plug at 2625', and clean to TD at ~2755'. 11 Circulate two bottoms up. 12 TOOH. 13 TBIH open-ended and spot balanced cement plug(s) from TD to 1800 ft. WOC minimum 10 hrs, tag cement and record depth, and TOOH. 14 Install cast-iron DBP above cement plug. 15 ND BOPs and dress top of 4-1/2" and 7" for pulling. Dress top of 8-5/8" to accommodate BOPs. 16 Install drilling spool with kill and choke outlets and 9" single ram (blind) + 9" annular BOP. Pressure test BOP low / high to 250 psig / 1000 psig. 17 Freepoint 4-1/2" / 7" casings. 18 Cut and pull at freepoint depth using multi-string cutter. 19 Install cement plugs from top of last plug to 1350'. 20 Freepoint 8-5/8" casing. 21 Well could be plugged per PADEP code. Consult with State Inspector and WE&T Engineer to determine method to plug to surface including coal vent. 22 When backfilling install plastic Columbia Gas line marker. 23 Reclaim road and location.					
PREPARED BY: Brad Nelson		REVIEWED BY:		APPROVED:	
PREP DATE: 3/2/2021					

3359

Donegal

Division _____

Company _____

Record of well No. _____

on _____

Farm _____

Acres _____

Field _____

District
Township _____

County _____

State _____

Rig Commenced _____

19 _____

Completed _____

19 _____

Drilling Commenced _____

19 _____

Completed _____

19 _____

Contractor _____

Address _____

Driller' Name _____

THE NATURAL GAS COMPANY OF WEST VIRGINIA		Well 3259
Conductor	Wm. Patterson	106
Used in	Donegal	Washington
Left in	Donegal	Penna.
P. KE	Well No. 1 - 106	State
Size	Drilling Commenced Nov. 1, 1919.	Volume After Cu. Ft.
	Drilling Completed Dec. 30, 1919.	Henry Martin & Son Contractor

ROCK FORMATION	TOP	BOTTOM	REMARKS
Pittsburgh Coal	605	611	
Gas Sand	1300	1380	
Salt Sand	1545	1668	
Big Lime	1672	1742	Water 1565 Hole full
Injun	1742	2039	
Sandy Lime	2161	2200	
30 Foot	2350	2432	
Total Depth	2705		Gas at 2696
			6 3/8 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	5½	616	5½						
8½"			1300	7								
6-5/8"			1780	7								
2 "			2682									
3 "			23									

ENTERED LAND DEPT
APR 10 1936

INITIAL TEST						
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 _____

Exam _____

Supt. _____

Field Superintendent _____

NOTE:
All for
Oil, GasPROOF—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,
it sand and at what depth

WELL LOG SUMMARY

Sheet 1 of 2

LOCATION	COMPANY The Manufacturers Light and Heat Co.		DIV. FIELD 5 Donegal		WELL NO. L-3359								
	FARM NAME William Patterson	ACRES 1-14087	LEASE NO. Donegal	COUNTY Washington	STATE Pa.								
	TOPO. MAP Quadrangle _____ Ft. _____ of _____ ° _____' and _____' of _____ ° _____'												
CONTRACTOR	CONTRACTOR'S NAME Work done by The M L & H Co.			Reconditioned 0 Ft. to 2742									
	ADDRESS			Type of Rig 28 L Spudder									
	DATE WELL COMMENCED 4 - 7 - 70	DATE WELL COMPLETED 5 - 27 - 70	COMPLETED TOTAL DEPTH 2723 Feet	TYPE COMPLETION Cement Through									
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	10"							
	WEIGHT / FOOT				12.6								
	STEEL GRADE		(Original well records) J55										
CASING AND TUBING (All Measurements less threads)	COUPLING TYPE		Insert										
	SETTING DEPTH		1300' - 7"	1780' - 7"	2742								
	LEFT IN HOLE		1340' - 7"	1780' - 7"	2742								
CEMENT	NUMBER OF SACKS		320										
	TYPE		50/50 Port										
	WEIGHT (# Gal.)		14.2										
	RETURN TO SURFACE (Yes-No)		Yes										
CEMENTING SHOE OR PACKER	PLUG DOWN PRESSURE		200										
	MANUFACTURER		Halliburton										
	TYPE		Insert Float Valve										
WELL STIMULATION (Attach Completed Form PD-17 - "Well Stimulation Report" if applicable)	SIZE		1 1/2										
	SETTING DEPTH		2720										
			2742										
OPEN FLOW TESTS	DATE GAUGED	FORMATION	PAY ZONE		TYPE GAUGE (SPECIFY)	PRESSURE (SPECIFY UNITS)	SIZE OPENING (INCHES)	OPEN FLOW MCF/DAY HRS. BLOWN					
	4 27 70	Gordon	From 2702	To 2718	Orifice	.6 Mercury	1 1/2	188,000	3/4				
	6 1 70	Gordon	From 2702	To 2718	Orifice	.6 Water	1	19,000	1/2				
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: ☒ Derrick Floor ☐ Ground ☐ Other (Specify) _____						DIST. TO GROUND 2 Feet		ELEVATION				
	LOGGED ☒ Yes ☐ No						LOGGED BY (COMPANY) Schlumberger		DATE LOGGED 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

Attach additional sheets (Form PD-44b) and forward to Manager, Production and Storage - Pittsburgh General Office

Approved by

(PRODUCTION - STORAGE SECTION - G.O.)

DATE



Address: 351 32ND STREET
PITTSBURGH
PA 15201
Location: AGCA
Device ID: -BTC02
Transaction: 940329418436

FedEx Priority Overnight

Tracking Number: 270670660842 0.10 lb (S) 35.05
Declared Value 100

Recipient Address:
ATTN EVAN MIDLER
TUNNEL RIDGE LLC/APLP
184 SCHOOLHOUSE LANE
Valley Grove, WV 26060
0000000000

Scheduled Delivery Date 3/10/2022

Pricing option:
ONE RATE

Package Information:
FedEx Envelope

Shipment subtotal: \$35.05
Total Due: \$35.05
(S) CreditCard: \$35.05
*****5154

M = Weight entered manually
S = Weight read from scale
T = Taxable item

Terms and Conditions apply. See
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Visit us at: fedex.com
Or call 1.800.GoFedEx
1.800.463.3339

Mar 09, 2022 11:54:39 AM



March 10, 2022

Dear Customer,

The following is the proof-of-delivery for tracking number: 270670660842

Delivery Information:

Status:	Delivered	Delivered To:	Shipping/Receiving
Signed for by:	G.BARNETT	Delivery Location:	
Service type:	FedEx Priority Overnight		
Special Handling:	Deliver Weekday		Valley Grove, WV,
		Delivery date:	Mar 10, 2022 10:59

Shipping Information:

Tracking number:	270670660842	Ship Date:	Mar 9, 2022
		Weight:	0.5 LB/0.23 KG
Recipient:		Shipper:	
Valley Grove, WV, US,		Pittsburgh, PA, US,	

Signature image is available. In order to view image and detailed information, the shipper or payor account number of the shipment must be provided.

Thank you for choosing FedEx

Columbia Gas Transmission, LLC

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



March 10, 2022

Pennsylvania Department of Environmental Protection
Oil and Gas Management Program
Southwest District Office
400 Waterfront Drive
Pittsburgh, PA 15222-4745

RECEIVED
MAR 11 2022
DEPSWDO
OIL & GAS

Columbia Gas Transmission, an underground natural gas storage operator, is planning to permanently plug and abandon a storage well (API # 37-125-00767-00-00) in Washington County, PA.

To comply with PA DEP Code, Columbia is required to provide the following documents as notification and for processing.

- PA DEP form 8000-FM-OOGM0005 (Notice of Intention by Well Operator to Plug a Well)
- Copy of survey plat
- Proposed method of plugging
- Wellbore diagram (prior to plugging)
- Proof of coal operator notification

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

Columbia Gas Transmission, LLC

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



March 9, 2022

Tunnel Ridge, LLC
Alliance Resource GP, LLC
Attn: Evan Midler
184 Schoolhouse Lane
Valley Grove, WV 26060

Columbia Gas Transmission, an underground natural gas storage operator, is planning to permanently plug and abandon a storage well (API # 37-125-00767-00-00) in Washington County, PA. Records indicate that Alliance owns the coal on subject property.

To comply with PA DEP Code, Columbia is required to provide the coal owner the following documents as notification and for processing.

- PA DEP form 8000-FM-OOGM0005 (Notice of Intention by Well Operator to Plug a Well)
- Copy of survey plat
- Proposed method of plugging
- Wellbore diagram (prior to plugging)

In addition, if Alliance doesn't feel the need to be notified and present during abandonment operations, please provide signature authority to waive these rights under the "Coal Operator, Owner, and Lessee" section on form 8000-FM-OOGM0005.

If Alliance elects to provide requested signature approval outlined above, please return signed originals to:

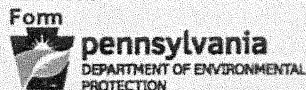
TC Energy (Columbia Gas Transmission, LLC)
455 Racetrack Road
Washington, PA 15301
Attn: Brad Nelson

If you have questions, feel free to call.

Regards,

A handwritten signature in cursive script, appearing 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



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

DEP USE ONLY	
Auth. No.	U.S. Well

NOTICE OF INTENTION BY WELL OPERATOR TO PLUG A WELL

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City Charleston	State WV	Zip Code 25325	County Washington	
☐ Agent (contractor) acting on behalf of the operator named above.		Municipality Donegal Township		
Address		Telephone No.	Latitude (DD) 40.082697	Longitude (DD) - 80.469833
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Coal: ☒ Operator	☐ Owner	☐ Lessee	Coal: ☐ Operator	☒ Owner	☐ Lessee	Coal: ☐ Operator	☐ Owner	☒ Lessee
Name Tunnel Ridge, LLC			Name Alliance Resource GP, LLC			Name Tunnel Ridge, LLC		
Address 184 Schoolhouse Lane			Address 184 Schoolhouse Lane			Address 184 Schoolhouse Lane		
City, State, Zip Code Valley Grove, WV 26060			City, State, Zip Code Valley Grove, WV 26060			City, State, Zip Code Valley Grove, WV 26060		
Telephone No. 304-547-4025			Telephone No. 304-547-4025			Telephone No. 304-547-4025		
Notified? ☒ Yes ☐ No			Notified? ☒ Yes ☐ No			Notified? ☒ Yes ☐ No		
This Party hereby waives the rights to be notified of the date and time before plugging work will begin and to be present at the plugging of this well.			This Party hereby waives the rights to be notified of the date and time before plugging work will begin and to be present at the plugging of this well.			This Party hereby waives the rights to be notified of the date and time before plugging work will begin and to be present at the plugging of this well.		
Signature:			Signature:			Signature:		

Scheduled Date and Time of Plugging Plugging is scheduled to begin on (date) 3/21/2022 at (time) 6:00 A.M.	☐ CHECK BLOCK IF THIS WELL IS BEING PLUGGED PURSUANT TO MINE THROUGH STANDARDS OF ACT 214 of 1989 AND the 2012 Oil & Gas Act.
Checklist and Additional Attached Information	Signature of Applicant (Operator or Agent)
☒ Location Plat ☒ Current Well Record ☒ Available Well Record ☐ Application for Approval of Alternate Method of Plugging ☐ Mine - Through ☒ Other, describe: Proposed method of plugging and wellbore diagram.	Signature <i>Brad Nelson</i> Date 3/9/2022 Print or Type Signer's Name and Title Brad Nelson, Storage Engineer

DEP USE ONLY	
If this well has not been permitted or registered previously, DEP hereby assigns this identification number to the well location described in this notice: Identification No. _____ Date _____ Please refer to this number in all future correspondence.	Notice acknowledged by DEP Rep (Signature) <i>Andrew Muller</i> Date <i>5/4/22</i> (Print Name) <i>Andrew Muller</i> Geologist <i>AM</i> Date <i>5/9/22</i>
Send a copy of this notice to the applicant and the DEP inspectors.	

☐ Applicant ☐ Oil and Gas Inspector ☐ Mine Inspector	Date Received in DEP Office Plugging must begin within 30 days of:
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