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west virginia department of environmental protection

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

Harold D. Ward, Cabinet Secretary  
[www.dep.wv.gov](http://www.dep.wv.gov)

Friday, April 28, 2023  
WELL WORK PLUGGING PERMIT  
Vertical Plugging

COLUMBIA GAS TRANSMISSION, LLC  
1700 MACCORKLE AVENUE SE

CHARLESTON, WV 25314

Re: Permit approval for 3562  
47-103-00177-00-00

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

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

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

James A. Martin  
Chief

Operator's Well Number: 3562  
Farm Name: BLATT, ELIZABETH  
U.S. WELL NUMBER: 47-103-00177-00-00  
Vertical Plugging  
Date Issued: 4/28/2023

R

4710300177P

## 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

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1. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
2. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.
3. Well work activities shall not constitute a hazard to the safety of persons.

04/28/2023

4710300177P

WW-4B  
Rev. 2/01

1) Date December 12, 2022  
2) Operator's  
Well No. Victory A 3562  
3) API Well No. 47-103 - 00177-0000

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 1224.2' Watershed Whetstone Creek  
District Proctor County Wetzel Quadrangle Wileyville, 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 Stephen E. McCoy Name Next LVL Energy, LLC  
Address 13016 Indian Creek Rd. Address 736 W. Ingomar Road, Unit 268  
Jacksonburg, WV 26377 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.

3 -2) Prior to P&A wellbore schematic.

2 -3) Proposed P&A wellbore schematic.

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

Work order approved by inspector Stephen Mccoy Digitally signed by Stephen Mccoy  
Date: 2022.12.13 13:21:37 -05'00' Date 12/13/22

04/28/2023

Objective: Plug and Abandonment		LAST PROFILE UPDATE:	
TITLE: Plug and Abandonment	WORK TYPE: MOD3 - BACKFILL		
FIELD: Victory A	WELL: 3562		
STATE: WV	SHL (Lat/Long): 39.697500 -80.70917	API: 47-103-00177-00-00	
TWP: Proctor	BHL (Lat/Long): 39.697500 -80.70917	CNTY: Wetzel	

PROCEDURE

4710300177P

- 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 Kill well. Load 5-1/2" casing and 5-1/2" x 8-5/8" annulus with kill fluid.
- 8 MIRU service rig.
- 9 NU 2000 # 7-1/16" 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 MIRU Baker Atlas and obtain CBL from TD to surface - keep hole full while logging. Notify WET engineer for CBL evaluation - procedure may change depending on results.  
*Consult with WE&T Engineer on results of CBL. Procedure may change depending on evaluation.*
- 11 TIH with bit. Clean to hard TD. Note that PBD is at 2030' with lead seal plug, original TD of 3044'.
- 12 Circulate two bottoms up. 8 hours SM
- 13 Spot balanced cement plug(s) from TD to 1700 ft. Note: Pull slowly through cement plug to cement top. Circulate. WOC minimum 6 hrs, tag cement. If cement top is deeper than 1900', install second cement plug.
- 14 Install cast-iron DBP above cement plug.
- 15 Install balanced cement plugs from DBP to cement top behind 5-1/2" as per CBL results.
- 16 ND BOPs, install pulling nipple on 5-1/2", dress 8-5/8" to accommodate BOPE.
- 17 Cut and pull all casing that is free. Coal Operator and or State Inspector may dictate plugging method.
- 18 Grout behind 10-3/4" as deep as possible with grout string.
- 19 TIH with work string and spot balanced cement plug(s) from top of cement plug to surface. WOC minimum 10 hrs, tag cement, and TOOH.
- 20 Top off well and all annuli with cement.
- 21 Install 5-1/2" csg monument 30" above GL, tack weld cap, and affix API number.
- 22 Reclaim road and location.

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PREPARED BY: Brad Nelson	REVIEWED BY:	APPROVED: Stephen Mccoy <small>Digitally signed by Stephen Mccoy Date: 2022.12.13 13:22:04 -05'00'</small>
PREP DATE: 3/23/2022		

04/28/2023

~ not to scale ~

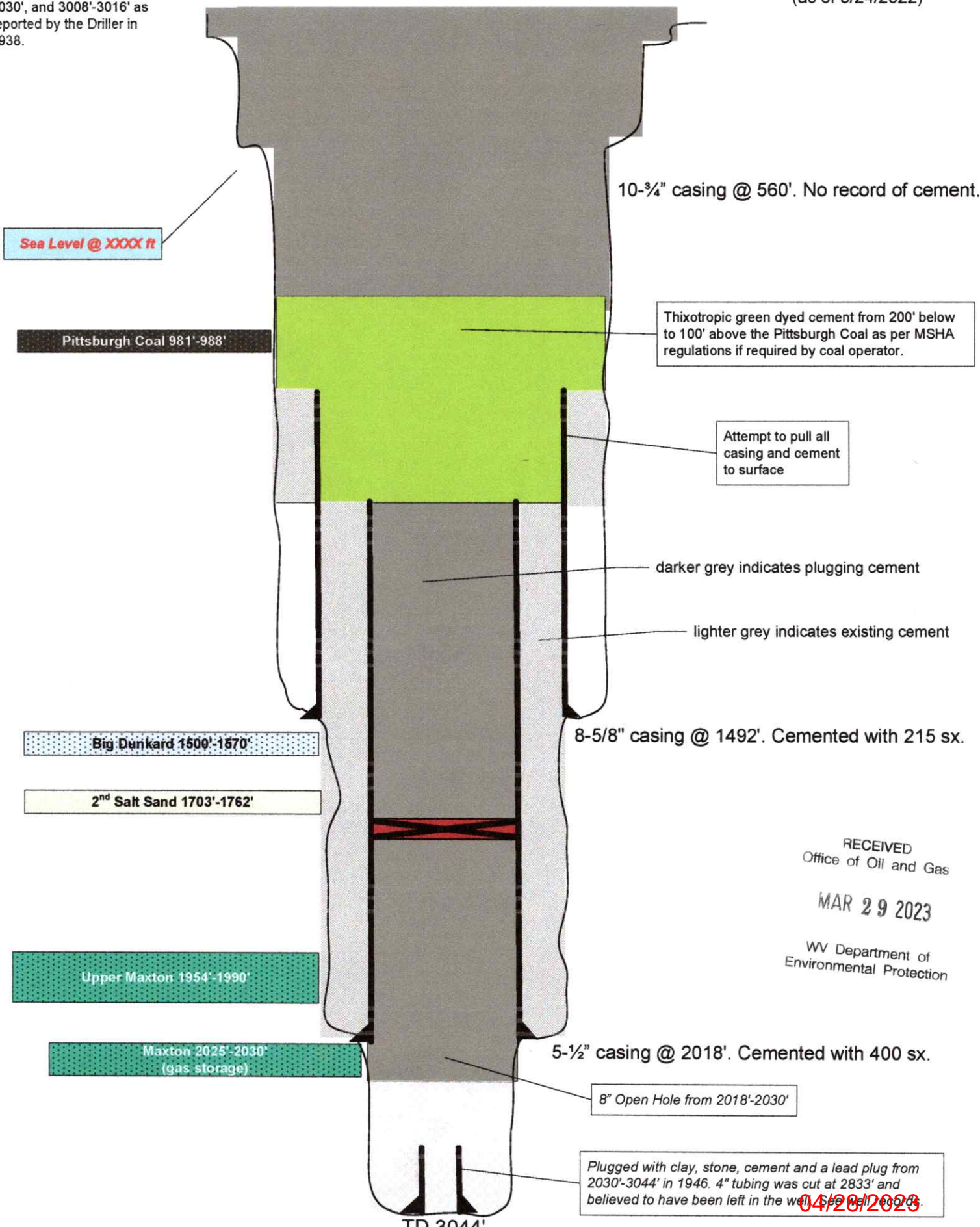
4710300177P

VICTORY A 3562

Proposed P&A

(as of 3/24/2022)

\* Water at 125' and 1755';  
gas at 1075', 1130', 2025'-  
2030', and 3008'-3016' as  
reported by the Driller in  
1938.



Sea Level @ XXXX ft

Pittsburgh Coal 981'-988'

10-3/4" casing @ 560'. No record of cement.

Thixotropic green dyed cement from 200' below  
to 100' above the Pittsburgh Coal as per MSHA  
regulations if required by coal operator.

Attempt to pull all  
casing and cement  
to surface

darker grey indicates plugging cement

lighter grey indicates existing cement

Big Dunkard 1500'-1570'

2<sup>nd</sup> Salt Sand 1703'-1762'

8-5/8" casing @ 1492'. Cemented with 215 sx.

Upper Maxton 1954'-1990'

Maxton 2025'-2030'  
(gas storage)

5-1/2" casing @ 2018'. Cemented with 400 sx.

8" Open Hole from 2018'-2030'

TD 3044'

Plugged with clay, stone, cement and a lead plug from  
2030'-3044' in 1946. 4" tubing was cut at 2833' and  
believed to have been left in the well. See Well Records.

04/26/2023

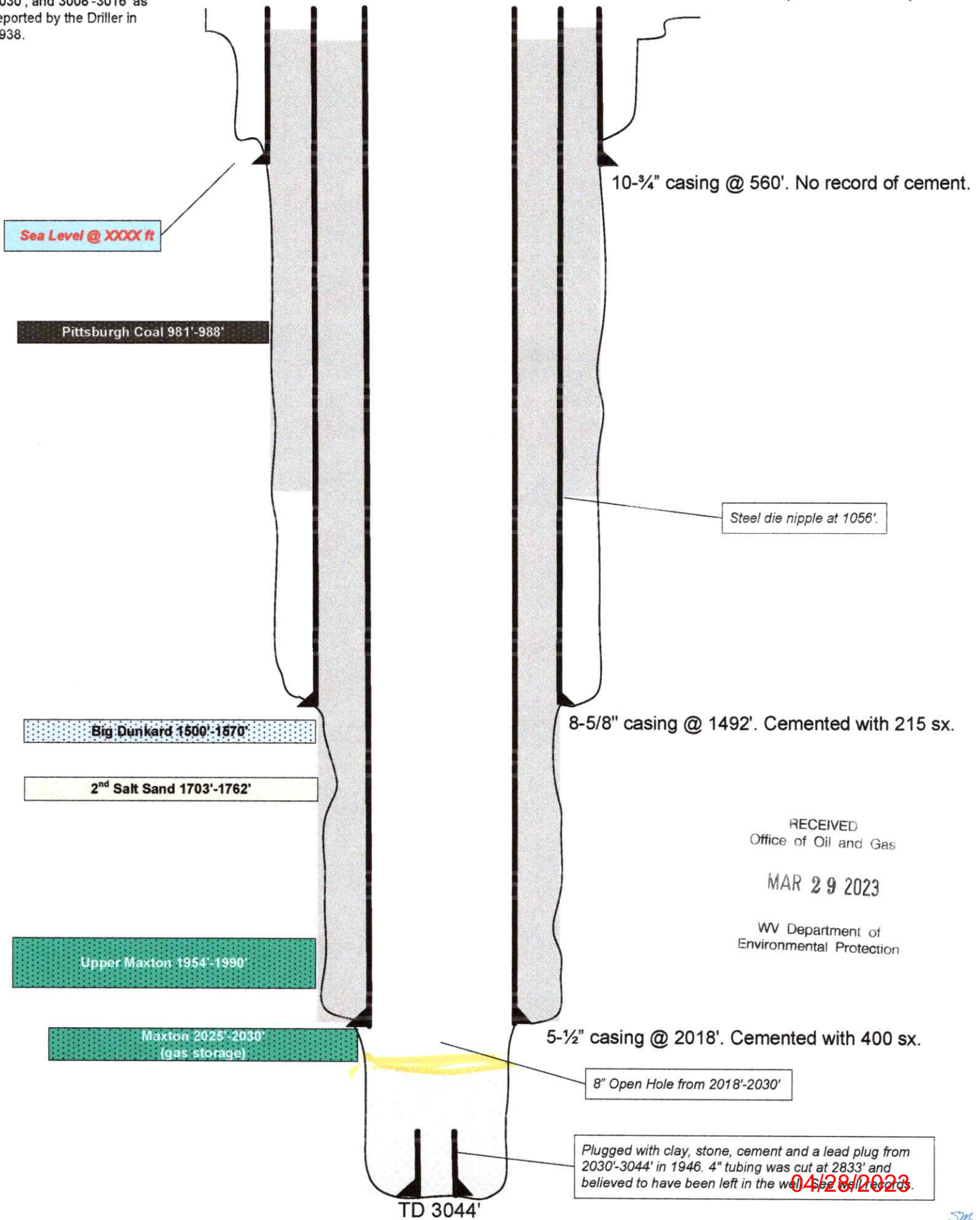
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~ not to scale ~

Prior to P&A  
(as of 3/24/2022)

\* Water at 125' and 1755';  
gas at 1075', 1130', 2025'-  
2030', and 3008'-3016' as  
reported by the Driller in  
1938.



Sea Level @ XXXX ft

Pittsburgh Coal 981'-988'

Big Dunkard 1500'-1570'

2<sup>nd</sup> Salt Sand 1703'-1762'

Upper Maxton 1954'-1990'

Maxton 2025'-2030'  
(gas storage)

10-3/4" casing @ 560'. No record of cement.

Steel die nipple at 1056'.

8-5/8" casing @ 1492'. Cemented with 215 sx.

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5-1/2" casing @ 2018'. Cemented with 400 sx.

8" Open Hole from 2018'-2030'

Plugged with clay, stone, cement and a lead plug from  
2030'-3044' in 1946. 4" tubing was cut at 2833' and  
believed to have been left in the well as reported.

04/28/2023

TD 3044'



The Manufacturers Light & Heat Company  
Company

Division 4 Reader, W. Va.

Record of well No. 3562 on E. Blatt Farm Acres

Victory Storage Field Proctor District Wetzel County W. Va. State

Set back February 16, 1954 Completed March 9, 1954

Drilling Commenced March 9, 1954 Completed May 7, 1954

Contractor Company Tools Address

Driller's Name Henry Caldwell Tool Dresser Dally Glover

CASING AND TUBING RECORD

Conductor	18"	10"	8 1/4"	7"	6 5/8"	5 3/16"	4"	3"	
Used in Drig.					Measured with threads on				
Left in well		565'	150'		201 1/4"				

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			
5-7-54	0.0	Water	3/8	0.000	Maxon	0	0	0	0	0			

TOTAL INITIAL OPEN FLOW

CUBIC FEET PER 24 HOURS

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Top of Maxon Sand	2024			Schlumberger Measurement
Bottom of Maxon Sand		2050		
Total Depth		2050		8 5/8" Casing cemented with 215 bags cement no return.
				5 1/2" Casing cemented with 400 bags cement good return.
				Delivery String set at 2025'
				Casing centralizers set at following depths from bottom of casing.
				1 - 27'
				2 - 143'
				3 - 229'
				4 - 516'
				5 - 732'
				6 - 1004'
				7 - 1860'
				Used 8 1/4" Steel Die Nipple to screw on to 436' of old 8" casing
				565' of old 10" left in hole.

Examined above information and measurements and found to be correct by

Examined and Approved by

Company Tools

Contractor

*[Signature]*

Field Superintendent

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

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~~Partially~~  
**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:

<b>TOTAL DEPTH</b>	<b>3044</b>	
<b>Cement thru 4" tubing</b>	<b>3044</b>	<b>2033</b>
<b>Out 4" tubing @</b>	<b>2033</b>	<b>and 1170</b>
<b>Clay</b>	<b>2033</b>	<b>2132</b>
<b>Stone</b>	<b>2132</b>	<b>2112</b>
<b>Cement</b>	<b>2112</b>	<b>2132</b>
<b>Clay</b>	<b>2132</b>	<b>2035</b>
		<b>1170 6 5/8" casing</b>
<b>Clay</b>	<b>2035</b>	<b>2055</b>
<b>Stone</b>	<b>2055</b>	<b>2015</b>
<b>Cement</b>	<b>2015</b>	<b>2032</b>
<b>Lead plug</b>	<b>2032</b>	<b>2033</b>
<b>New total depth</b>	<b>2033.</b>	

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MAR 29 2023

WV Department of  
Environmental Protection

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

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.



4710300177P

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

The Manufacturers Light & Heat Company  
Name of Well Operator  
303 Union Trust Building,  
Pittsburgh 19, Pennsylvania.  
Complete Address

Coal Operator or Coal Owner  
Address

August 12, 1953 19  
WELL TO BE ABANDONED  
Proctor District  
Wetzel County

8-12-1953

Lease or Property Owner  
Address

Well No. 3502  
Elizabeth Platt Farm Office of Oil and Gas

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MAR 29 2023

Gentlemen:—

The undersigned well operator is about to abandon the above described well and will commence WV Department of Environmental Protection

the work of plugging and abandoning said well on the 26<sup>th</sup> day of August 1953, 1953,  
(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)

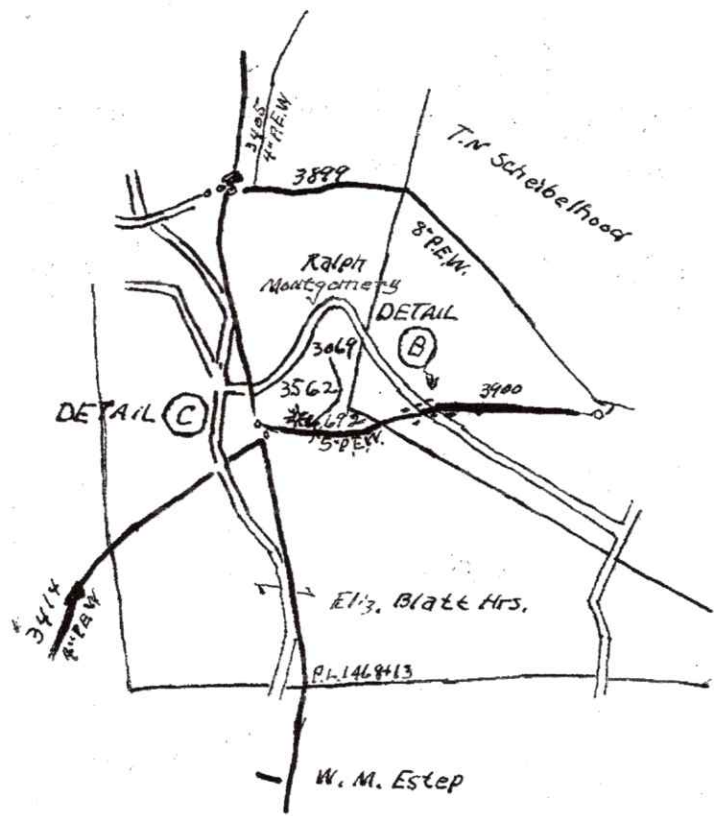
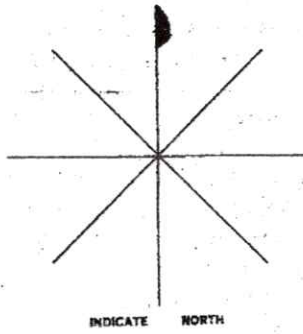
PERMIT NUMBER

04/28/2023

WORK ORDER SKETCH

4710300177P

BUDGET NO. 253 WORK ORDER NO. L-553-4  
 DATE REQUESTED Aug. 11 19 53 DATE 8-19 19 53  
 COMPANY The Manufacturers Light & Heat Co. DEPT Prod DIVISION 4  
 PROPOSED WORK Recondition For Victory Storage Field  
 KNOWN AS Elizabeth Blate Well LINE STRUCTURE 3562  
 CITY, BOROUGH, VILLAGE 8307 TAX DISTRICT PROCTOR TOWN, TOWNSHIP OR DISTRICT Wetzel COUNTY W.Va STATE  
 IN CITY, BOROUGH, VILLAGE TAX DISTRICT TOWN, TOWNSHIP OR DISTRICT COUNTY STATE  
 IN CITY, BOROUGH, VILLAGE TAX DISTRICT TOWN, TOWNSHIP OR DISTRICT COUNTY STATE



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MAP NO. R.25/6

SCALE \_\_\_\_\_

04/28/2023

Division \_\_\_\_\_ Company \_\_\_\_\_  
 Record of Well No. **3562** on \_\_\_\_\_ Farm \_\_\_\_\_ Acres \_\_\_\_\_  
 Field \_\_\_\_\_ District \_\_\_\_\_ County \_\_\_\_\_ State \_\_\_\_\_  
 Rig Commenced \_\_\_\_\_ 19 \_\_\_\_\_ Completed \_\_\_\_\_ 19 \_\_\_\_\_  
 Drilling Commenced \_\_\_\_\_ 19 \_\_\_\_\_ Completed \_\_\_\_\_ 19 \_\_\_\_\_  
 Cost per Foot \_\_\_\_\_ Contractor \_\_\_\_\_ Address \_\_\_\_\_  
 Drillers' Names \_\_\_\_\_

BOILER			ENGINE			RIG			
H. P.	No.	Name of Maker	H. P.	No.	Name of Maker	New	Old	Height	Name of Boiler

CONDUCTOR AND CASING USED IN DRILLING									
Conductor	18 inch	10 inch	8 1/4 inch	6 3/4 inch	6 1/2 inch	5 1/2 inch	5 1/8 inch	5 inch	4 inch

CONDUCTOR AND CASING LEFT IN WELL									
Conductor	18 inch	10 inch	8 1/4 inch	6 3/4 inch	6 1/2 inch	5 1/2 inch	5 1/8 inch	5 inch	4 inch

OIL WELL					GAS WELL					
When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Tanks	Size of Packer	Depth Set	Packed with	1st Minute Pressure	Rock Pressure

Initial Open Flow Production \_\_\_\_\_ Cubic Feet Per 24 Hours \_\_\_\_\_ Shut in Pressure \_\_\_\_\_ Cubic Feet Per 24 Hours \_\_\_\_\_

FORMATION	Top	Bottom	Thickness	REMARKS
Slate	2750	2780	10	<p>RECEIVED Office of Oil and Gas MAR 29 2023 WV Department of Environmental Protection</p> <p>Gas 3008 to 3016 Test 17/10 H. in 5 1/2".</p> <p>Well was cleaned out and drilled 28' to a new total depth of 3044, Order No. C-21080, dated 11/29-46.</p> <p>31'5" of 4" Tubing added to well making a total of 3059'11". Packer set at the same depth. 2853.</p>
Lime - Shellis	2790	2810	20	
Slate	2810	2845	35	
Red Rock	2845	2885	40	
Lime	2885	2900	15	
Red Rock	2900	2920	20	
Slate	2920	2945	25	
Lime	2945	2955	10	
Slate	2955	2988	33	
Lime Shaly	2988	2993	5	
Brake	2993	3006	13	
Gordon	3006	3016	10	
Total Depth	3016			
New Total Depth	3044			

Examined above information and measurements and found to be correct by \_\_\_\_\_  
 Examined and approved by \_\_\_\_\_

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.  
 Make no memoranda of boiler or engine if owned by Contractor.

No. 4  
 APPROVED BY  
 HARRY MOORE  
 FIELD SUPT.

04/28/2023

The Manufacturers Light & Heat Company  
Company

Division 4  
 Record of Well No. 3562 on Elizabeth Blatt Farm 100 Acres  
 Procter Field Procter District Netzel County W.Va. State  
 Township  
 Rig Commenced 1/7/38 19 , Completed 1/22/38 19  
 Drilling Commenced 2/15/38 19 , Completed 4/20/38 19  
 Cost per Foot 1.55 Contractor Russ Brothers Address New Martinsville, West Va.  
 Drillers' Names C.A. Postlethwait, T.C. Hays

BOILER			ENGINE			RIG			
H. P.	No.	Name of Maker	H. P.	No.	Name of Maker	New	Old	Height	Name of Boiler

CONDUCTOR AND CASING USED IN DRILLING										
Conductor	18 inch	10 inch	8 1/2 inch	6 3/4 inch	6 inch	5 1/2 inch	5 inch	4 inch	3 inch	2 inch
<u>13 x 16</u>		<u>565*11</u>	<u>1502*3</u>	<u>2129*11</u>						<u>3028*4</u>

CONDUCTOR AND CASING LEFT IN WELL										
Conductor	18 inch	10 inch	8 1/2 inch	6 3/4 inch	6 inch	5 1/2 inch	5 inch	4 inch	3 inch	2 inch
<u>13 x 16</u>		<u>565*11</u>	<u>1502*3</u>	<u>2129*11</u>						<u>3028*4</u>

OIL WELL					GAS WELL					
When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Tanks	Size of Packer	Depth Set	Packed with	1st Minute Pressure	Rock Pressure
						<u>4 x 5/8</u>	<u>2853'</u>	<u>4"</u>	<u>185</u>	<u>940</u>

Initial Open Flow Production      Cubic Feet Per 24 Hours      Shot in Pressure      Cubic Feet Per 24 Hours

FORMATION	Top	Bottom	Thickness	REMARKS
Clay	0	16	16	
Sand	16	25	9	
Slate	25	115	90	
Lime	115	140	25	Water at 125'
Slate	140	150	10	
Red Rock	150	185	35	
Slate	185	190	5	
Red Rock	190	230	40	
Lime	230	240	10	
Red Rock	240	260	20	
Slate	260	304	44	
Lime	304	330	26	
Slate	330	340	10	
Lime	340	363	23	
Red Rock	363	370	7	
Slate	370	380	10	
Lime	380	400	20	
Slate	400	430	30	
Red Rock	430	440	10	
Lime	440	460	20	
Slate	460	470	10	
Lime	470	480	10	
Red Rock	480	490	10	
Slate	490	510	20	
Red Rock	510	528	18	
Lime	528	533	5	
Slate	533	546	13	Show of Coal 546'
Lime	546	555	9	

RECEIVED  
Office of Oil and Gas  
MAR 29 2023  
WV Department of  
Environmental Protection

APPROVED BY  
HARRY MOORE  
No. 4

Examined above information and measurements and found to be correct by \_\_\_\_\_  
 Examined and approved by \_\_\_\_\_  
 Contractor \_\_\_\_\_ 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 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.  
 Make no memoranda of boiler or engine if owned by Contractor.

04/28/2023

**SECRET No 2**

Division \_\_\_\_\_ Company \_\_\_\_\_  
 Record of Well No. **2002** on \_\_\_\_\_ Farm \_\_\_\_\_ Acres \_\_\_\_\_  
 Field \_\_\_\_\_ District \_\_\_\_\_ County \_\_\_\_\_ State \_\_\_\_\_  
 Rig Commenced \_\_\_\_\_ 19 \_\_\_\_\_ Completed \_\_\_\_\_ 19  
 Drilling Commenced \_\_\_\_\_ 19 \_\_\_\_\_ Completed \_\_\_\_\_ 19  
 Cost per Foot \_\_\_\_\_ Contractor \_\_\_\_\_ Address \_\_\_\_\_  
 Drillers' Names \_\_\_\_\_

BOILER			ENGINE			RIG			
H. P.	No.	Name of Maker	H. P.	No.	Name of Maker	New	Old	Height	Name of Rigger

CONDUCTOR AND CASING USED IN DRILLING										
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OIL WELL					GAS WELL					
When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Tanks	Size of Packer	Depth Set	Packed with	1st Minute Pressure	Rock Pressure

Initial Open Flow Production \_\_\_\_\_ Cubic Feet Per 24 Hours \_\_\_\_\_ Shut in Pressure \_\_\_\_\_ Cubic Feet Per 24 Hours \_\_\_\_\_

FORMATION	Cubic Feet Per 24 Hours			REMARKS
	Top	Bottom	Thickness	
Shale -	505	515	10	Show of Coal at 628
Slate	515	525	10	
Lime	525	535	10	
Slate	535	545	10	
Red Rock	545	555	10	
Slate	555	565	10	
Lime	565	575	10	
Slate	575	585	10	
Lime	585	595	10	
Slate	595	605	10	
Lime	605	615	10	
Slate	615	625	10	
Lime	625	635	10	
Slate	635	645	10	
Lime	645	655	10	
Slate	655	665	10	
Lime	665	675	10	
Slate	675	685	10	
Lime	685	695	10	
Slate	695	705	10	
Lime	705	715	10	
Slate	715	725	10	
Lime	725	735	10	
Slate	735	745	10	
Lime	745	755	10	
Slate	755	765	10	
Lime	765	775	10	
Slate	775	785	10	
Lime	785	795	10	
Slate	795	805	10	
Lime	805	815	10	
Slate	815	825	10	
Lime	825	835	10	
Slate	835	845	10	
Lime	845	855	10	
Slate	855	865	10	
Lime	865	875	10	
Slate	875	885	10	
Lime	885	895	10	
Slate	895	905	10	
Lime	905	915	10	
Slate	915	925	10	
Lime	925	935	10	
Slate	935	945	10	
Lime	945	955	10	
Slate	955	965	10	
Lime	965	975	10	
Slate	975	985	10	
Lime	985	995	10	
Slate	995	1005	10	
Lime	1005	1015	10	
Slate	1015	1025	10	
Lime	1025	1035	10	
Slate	1035	1045	10	
Lime	1045	1055	10	
Slate	1055	1065	10	
Lime	1065	1075	10	
Slate	1075	1085	10	
Lime	1085	1095	10	
Slate	1095	1105	10	
Lime	1105	1115	10	
Slate	1115	1125	10	
Lime	1125	1135	10	
Slate	1135	1145	10	
Lime	1145	1155	10	
Slate	1155	1165	10	
Lime	1165	1175	10	
Slate	1175	1185	10	
Lime	1185	1195	10	
Slate	1195	1205	10	
Lime	1205	1215	10	
Slate	1215	1225	10	
Lime	1225	1235	10	
Slate	1235	1245	10	
Lime	1245	1255	10	
Slate	1255	1265	10	
Lime	1265	1275	10	
Slate	1275	1285	10	
Lime	1285	1295	10	
Slate	1295	1305	10	
Lime	1305	1315	10	
Slate	1315	1325	10	
Lime	1325	1335	10	
Slate	1335	1345	10	
Lime	1345	1355	10	
Slate	1355	1365	10	
Lime	1365	1375	10	
Slate	1375	1385	10	
Lime	1385	1395	10	
Slate	1395	1405	10	
Lime	1405	1415	10	
Slate	1415	1425	10	
Lime	1425	1435	10	
Slate	1435	1445	10	
Lime	1445	1455	10	
Slate	1455	1465	10	
Lime	1465	1475	10	
Slate	1475	1485	10	
Lime	1485	1495	10	
Slate	1495	1505	10	
Lime	1505	1515	10	
Slate	1515	1525	10	
Lime	1525	1535	10	
Slate	1535	1545	10	
Lime	1545	1555	10	
Slate	1555	1565	10	
Lime	1565	1575	10	
Slate	1575	1585	10	
Lime	1585	1595	10	
Slate	1595	1605	10	
Lime	1605	1615	10	
Slate	1615	1625	10	
Lime	1625	1635	10	
Slate	1635	1645	10	
Lime	1645	1655	10	
Slate	1655	1665	10	
Lime	1665	1675	10	
Slate	1675	1685	10	
Lime	1685	1695	10	
Slate	1695	1705	10	
Lime	1705	1715	10	
Slate	1715	1725	10	
Lime	1725	1735	10	
Slate	1735	1745	10	
Lime	1745	1755	10	
Slate	1755	1765	10	
Lime	1765	1775	10	
Slate	1775	1785	10	
Lime	1785	1795	10	
Slate	1795	1805	10	
Lime	1805	1815	10	
Slate	1815	1825	10	
Lime	1825	1835	10	
Slate	1835	1845	10	
Lime	1845	1855	10	
Slate	1855	1865	10	
Lime	1865	1875	10	
Slate	1875	1885	10	
Lime	1885	1895	10	
Slate	1895	1905	10	
Lime	1905	1915	10	
Slate	1915	1925	10	
Lime	1925	1935	10	
Slate	1935	1945	10	
Lime	1945	1955	10	
Slate	1955	1965	10	
Lime	1965	1975	10	
Slate	1975	1985	10	
Lime	1985	1995	10	
Slate	1995	2005	10	
Lime	2005	2015	10	
Slate	2015	2025	10	
Lime	2025	2035	10	
Slate	2035	2045	10	
Lime	2045	2055	10	
Slate	2055	2065	10	
Lime	2065	2075	10	
Slate	2075	2085	10	
Lime	2085	2095	10	
Slate	2095	2105	10	
Lime	2105	2115	10	
Slate	2115	2125	10	
Lime	2125	2135	10	
Slate	2135	2145	10	
Lime	2145	2155	10	
Slate	2155	2165	10	
Lime	2165	2175	10	
Slate	2175	2185	10	
Lime	2185	2195	10	
Slate	2195	2205	10	
Lime	2205	2215	10	
Slate	2215	2225	10	
Lime	2225	2235	10	
Slate	2235	2245	10	
Lime	2245	2255	10	
Slate	2255	2265	10	
Lime	2265	2275	10	
Slate	2275	2285	10	
Lime	2285	2295	10	
Slate	2295	2305	10	
Lime	2305	2315	10	
Slate	2315	2325	10	
Lime	2325	2335	10	
Slate	2335	2345	10	
Lime	2345	2355	10	
Slate	2355	2365	10	
Lime	2365	2375	10	
Slate	2375	2385	10	
Lime	2385	2395	10	
Slate	2395	2405	10	
Lime	2405	2415	10	
Slate	2415	2425	10	
Lime	2425	2435	10	
Slate	2435	2445	10	
Lime	2445	2455	10	
Slate	2455	2465	10	
Lime	2465	2475	10	
Slate	2475	2485	10	
Lime	2485	2495	10	
Slate	2495	2505	10	
Lime	2505	2515	10	
Slate	2515	2525	10	
Lime	2525	2535	10	
Slate	2535	2545	10	
Lime	2545	2555	10	
Slate	2555	2565	10	
Lime	2565	2575	10	
Slate	2575	2585	10	
Lime	2585	2595	10	
Slate	2595	2605	10	
Lime	2605	2615	10	
Slate	2615	2625	10	
Lime	2625	2635	10	
Slate	2635	2645	10	
Lime	2645	2655	10	
Slate	2655	2665	10	
Lime	2665	2675	10	
Slate	2675	2685	10	
Lime	2685	2695	10	
Slate	2695	2705	10	
Lime	2705	2715	10	
Slate	2715	2725	10	
Lime	2725	2735	10	
Slate	2735	2745	10	
Lime	2745	2755	10	
Slate	2755	2765	10	
Lime	2765	2775	10	
Slate	2775	2785	10	
Lime	2785	2795	10	
Slate	2795	2805	10	
Lime	2805	2815	10	
Slate	2815	2825	10	
Lime	2825	2835	10	
Slate	2835	2845	10	
Lime	2845	2855	10	
Slate	2855	2865	10	
Lime	2865	2875	10	
Slate	2875	2885	10	
Lime	2885	2895	10	
Slate	2895	2905	10	
Lime	2905	2915	10	
Slate	2915	2925	10	
Lime	2925	2935	10	
Slate	2935	2945	10	
Lime	2945	2955	10	
Slate	2955	2965	10	
Lime	2965	2975	10	
Slate	2975	2985	10	
Lime	2985	2995	10	
Slate	2995	3005	10	
Lime	3005	3015	10	
Slate	3015	3025	10	
Lime	3025	3035	10	
Slate	3035	3045	10	
Lime	3045	3055	10	
Slate	3055	3065	10	
Lime	3065	3075	10	
Slate	3075	3085	10	
Lime	3085	3095	10	
Slate	3095	3105	10	
Lime	3105	3115	1	

Division \_\_\_\_\_ Company \_\_\_\_\_  
 Record of Well No. **3502** on \_\_\_\_\_ Farm \_\_\_\_\_ Acres \_\_\_\_\_  
 Field \_\_\_\_\_ District \_\_\_\_\_ County \_\_\_\_\_ State \_\_\_\_\_  
 Rig Commenced \_\_\_\_\_ 19 \_\_\_\_\_ Completed \_\_\_\_\_ 19 \_\_\_\_\_  
 Drilling Commenced \_\_\_\_\_ 19 \_\_\_\_\_ Completed \_\_\_\_\_ 19 \_\_\_\_\_  
 Cost per Foot \_\_\_\_\_ Contractor \_\_\_\_\_ Address \_\_\_\_\_  
 Drillers' Names \_\_\_\_\_

BOILER			ENGINE			RIG			
H. P.	No.	Name of Maker	H. P.	No.	Name of Maker	New	Old	Height	Name of Rigger

CONDUCTOR AND CASING USED IN DRILLING										
Conductor	18 inch	16 inch	8 1/4 inch	6 1/4 inch	5 1/2 inch	5 1/4 inch	5 1/8 inch	5 inch	4 inch	3 inch

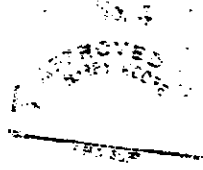
CONDUCTOR AND CASING LEFT IN WELL										
Conductor	18 inch	16 inch	8 1/4 inch	6 1/4 inch	5 1/2 inch	5 1/4 inch	5 1/8 inch	5 inch	4 inch	3 inch

OIL WELL					GAS WELL					
When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Tanks	Size of Packer	Depth Set	Packed with	1st Struts Pressure	Rock Pressure

Initial Open Flow Production \_\_\_\_\_ Cc's Per 24 Hours \_\_\_\_\_ Shot in Pressure \_\_\_\_\_ Cc's Per 24 Hours \_\_\_\_\_

FORMATION	Cubic Feet Per 24 Hours		Thickness	REMARKS
	Top	Bottom		
Slate	1175	1180	5	
Red Rock	1180	1185	5	
Slate	1185	1200	15	
Red Rock	1200	1230	30	
Slate	1230	1240	10	Gas 1180 to 1230' Connected
Red Rock	1240	1255	15	Gas 1230 to 1275'
Lime	1255	1260	5	
Light Sand	1260	1265	5	Show of Gas at 1260
Slate	1265	1270	5	
Lime	1270	1275	5	
Slate	1275	1280	5	
Lime	1280	1285	5	
Red Rock	1285	1290	5	
Big Sand	1290	1295	5	
Slate	1295	1300	5	
Gas Sand	1300	1305	5	
Slate	1305	1307	2	
Sand	1307	1305	2	
Slate	1305	1308	3	
Lime	1308	1309	1	
Slate	1309	1312	3	
Sand	1312	1310	2	
Slate	1310	1312	2	Water at 1305 @ 5 Gallons per Hour
Lime	1312	1315	3	
Slate	1315	1316	1	
Lime	1316	1317	1	
Slate	1317	1318	1	
Sand	1318	1318	0	
Slate	1318	1318	0	
Lime	1318	1318	0	

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Contractor \_\_\_\_\_ Superintendent of Co. \_\_\_\_\_  
 Examined and approved by \_\_\_\_\_  
 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.  
 Make no memorandum of boiler or engine if owned by Contractor.

04/28/2023

Division \_\_\_\_\_ Company \_\_\_\_\_  
 Record of Well No. ~~2000~~ \_\_\_\_\_ on \_\_\_\_\_  
 Field \_\_\_\_\_ District Township \_\_\_\_\_ Farm \_\_\_\_\_ Acres \_\_\_\_\_  
 County \_\_\_\_\_ State \_\_\_\_\_  
 Rig Commenced \_\_\_\_\_ 19 \_\_\_\_\_ Completed \_\_\_\_\_ 19 \_\_\_\_\_  
 Drilling Commenced \_\_\_\_\_ 19 \_\_\_\_\_ Completed \_\_\_\_\_ 19 \_\_\_\_\_  
 Cost per Foot \_\_\_\_\_ Contractor \_\_\_\_\_ Address \_\_\_\_\_  
 Drillers' Names \_\_\_\_\_

BOILER			ENGINE			RIG			
H. P.	No.	Name of Maker	H. P.	No.	Name of Maker	New	Old	Height	Name of Boiler

CONDUCTOR AND CASING USED IN DRILLING										
Conductor	18 inch	10 inch	8 1/2 inch	6 1/2 inch	6 inch	5 1/2 inch	5 1/4 inch	5 inch	4 inch	

CONDUCTOR AND CASING LEFT IN WELL										
Conductor	18 inch	10 inch	8 1/2 inch	6 1/2 inch	6 inch	5 1/2 inch	5 1/4 inch	5 inch	4 inch	3 inch

OIL WELL					GAS WELL					
When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Tanks	Size of Packer	Depth Set	Packed with	1st Minute Pressure	Block Pressure

Initial Open Flow Production \_\_\_\_\_ Cubic Feet Per 24 Hours \_\_\_\_\_ Shot to Pressure \_\_\_\_\_ Cubic Feet Per 24 Hours \_\_\_\_\_

FORMATION	Cubic Feet Per 24 Hours			REMARKS
	Top	Bottom	Thickness	
Slate	1995	1965	30	Show of Gas 2025 to 2030 2/10 water in 1"  Set of 5/8" at 2031'
Line	1965	1870	95	
Slate	1870	1860	10	
Line	1860	1871	91	
Sand	1871	1800	71	
Slate	1800	2025	225	
Sand	2025	2025	0	
Slate	2025	2025	0	
Little Line	2025	2025	0	
Pencil Core	2025	2071	46	
Big Line	2071	2152	81	
Big Injan Sand	2152	2420	268	
Slate	2420	2425	5	
Line	2425	2445	20	
Slate	2445	2420	25	
Line	2420	2420	0	
Slate	2420	2305	115	
Line	2305	2315	10	
Slate	2315	2325	10	
Line	2325	2325	0	
Slate	2325	2520	195	
Line	2520	2525	5	
Slate	2525	2575	50	
Line	2575	2525	50	
Slate & Shells	2525	2725	200	
Line	2725	2725	0	
Slate	2725	2725	0	

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Examined above information and measurements and found to be correct by \_\_\_\_\_ Contractor \_\_\_\_\_ Examined and approved by \_\_\_\_\_ 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 of a 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.  
 Make no measurements of boiler or engine if owned by Contractor.

04/28/2023



WEST VIRGINIA DEPARTMENT OF MINES  
OIL AND GAS DIVISION

W E L L R E C O R D

Permit No. Wet-177

Gas Well

Littleton Quad.

CASING & TUBING

Company	The Manf. Light & Heat	10	565'11"	565'11"
Address	800 Union Trust Bldg., Pittsburgh, Pa.	8 1/2	1502'3"	1502'3"
Farm	Elizabeth Blatt Acres 100	6 5/8	2129'11"	2129'11"
Location	Not given	4		3028'6"
Well No.	3562 Elev. 1176.4			
District	Proctor County Wetzol			
Surface	Margarito Klug, c/o Clem Klug			
Address	R.D.#1, Proctor, W.Va.	Kind		
Mineral	Mfrs. Light and Heat Co.	Size	4 x 6 5/8"	
Address	800 Union Trust Bldg., Pittsburgh, Pa.	Depth	2853	
Drilling	Commenced 2/15/38 Completed 4/20/38			
Open Flow	17/10ths M. in 6 5/8"			
Rock Press.	940# 48 hrs.			

PACKER

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Formation Color #3 <sup>2</sup> Top Base Result				Formation Color #3 <sup>1</sup> Top Base Result				
Clay	Yellow	S	0	16	Slate		1010	1020
Sand		S	16	25	Lime		1020	1025
Slate		S	25	115	Slate		1025	1043
Lime			115	140	Red Rock	S	1043	1065
Slate			140	150	Sand		1065	1085
Red Rock		S	150	185	Slate		1085	1110
Slate		S	185	190	Sand		1110	1125
Red Rock		S	190	230	Slate		1125	1128
Lime			230	240	Sand		1128	1170
Red Rock		S	240	280	Slate		1175	1180
Slate			280	304	Red Rock	S	1180	1195
Lime			304	330	Slate		1195	1200
Slate			330	340	Red Rock	S	1200	1230
Lime			340	363	Slate		1230	1240
Red Rock		S	363	370	Red Rock	S	1240	1305
Slate			370	380	Lime		1305	1330
Lime			380	400	L. Dunkard		1330	1395
Slate			400	430	Slate		1390	1430
Red Rock		S	430	440	Lime		1430	1445
Lime			440	460	Slate		1445	1455
Slate			460	470	Lime		1455	1470
Lime			470	480	Red Rock	S	1470	1478
Red Rock		S	480	490	B. Dunkard		1478	1530
Slate			490	510	Slate		1530	1565
Red Rock		S	510	528	Gas Sand		1565	1535
Lime			528	533	Slate		1585	1597
Slate		S	533	546	Sand		1597	1655
Lime			546	555	Shale		1655	1668
Shale			555	575	Lime		1668	1690
Slate			575	665	Slate		1690	1712
Lime			665	708	Sand		1712	1770
Slate			708	718	Slate		1770	1775
Red Rock			718	733	Lime		1775	1790
Slate			733	745	Slate		1790	1806
Lime			745	755	Salt Sand		1806	1825
Slate			755	770	Slate		1825	1835
Lime			770	810	Lime		1835	1845
Slate			810	815	Slate		1845	1855
Lime			815	890	Lime		1855	1870
Slate			890	897	Slate		1870	1950
M. Coal	Black	S	897	900	Lime		1950	1971
Lime			900	940	Sand		1971	1998
Sand			940	952	Slate		1998	2025
Slate			952	987	Sand		2025	2035
Pgh. Coal	Black	S	987	990	Slate		2035	2050
Slate			990	1000	L. Lime		2050	2065
Lime			1000	1010			2/10 in	1"

04/28/2023

WEST VIRGINIA DEPARTMENT OF MINES  
OIL AND GAS DIVISION

CON'T #2

Permit No. Wet-177

WELL RECORD

Gas Well

Littleton Quad.

CASING & TUBING

Company	The Manf. Light & Heat Co.
Address	800 Union Trust Bldg., Pittsburgh, Pa.
Farm	Elizabeth Blatt                      Acres 100
Location	Not given
Well No.	3562                                      Elev. 1176.4

*Formation Color <sup>HR</sup> 3 Top Base Result      Formation Color <sup>HR</sup> 3 Top Base Result*

P.Cave			2065	2071						
B.Lime			2071	2132						
B.Injun			2132	2420						
Slate			2420	2435						
Lime			2435	2445						
Slate			2445	2480						
Lime			2480	2490						
Slate			2490	2505						
Lime			2505	2515						
Slate			2515	2525						
Lime			2525	2535						
Slate			2535	2550						
Lime			2550	2575						
Slate			2575	2591						
Lime			2591	2638						
Slate-Shells			2638	2735						
Lime			2735	2750						
Slate			2750	2765						
Lime			2765	2780						
Slate			2780	2790						
Lime-Shells			2790	2810						
Slate			2810	2845						
Red Rock		S	2845	2885						
Lime			2885	2900						
Red Rock		S	2900	2920						
Slate			2920	2945						
Lime			2945	2955						
Slate			2955	2988						
Slate			2988	2993						
Break			2993	3006						
Gordon			3006	3016						
TOTAL DEPTH				3016						
					Gas					
					3006-					
					3016					

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4710300177P

WW-4A  
Revised 6-07

1) Date: 11/28/2022  
2) Operator's Well Number  
Victory A 3562  
3) API Well No.: 47 - 103 - 001770000

**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:	5) (a) Coal Operator
(a) Name <u>Mary Hohman</u>	Name <u>Consol RCPC, LLC</u>
Address <u>8937 Proctor Creek Road</u>	Address <u>1000 Consol Energy Drive</u>
<u>Proctor, WV 26055</u>	<u>Canonsburg, PA 15317</u>
(b) Name <u>Joseph Hohman</u>	(b) Coal Owner(s) with Declaration
Address <u>8937 Proctor Creek Road</u>	Name <u>Consol RCPC, LLC</u>
<u>Proctor, WV 26055</u>	Address <u>1000 Consol Energy Drive</u>
(c) Name _____	<u>Canonsburg, PA 15317</u>
Address _____	Name _____
	Address _____
6) Inspector <u>Stephen E. McCoy</u>	(c) Coal Lessee with Declaration
Address <u>13016 Indian Creek Rd.</u>	Name <u>N/A</u>
<u>Jacksonburg, WV 26377</u>	Address _____
Telephone <u>(681) 344-3265</u>	

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

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

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

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

<div style="border: 1px solid black; padding: 5px;"> <p>Commonwealth of Pennsylvania - Notary Seal  Emily Kale Leach, Notary Public  Washington County  My Commission Expires November 18, 2023  Commission Number 1359854</p> </div>	Well Operator	<u>Columbia Gas Transmission, LLC</u>	RECEIVED
	By:	<u>Brad Nelson</u> <i>Brad Nelson</i>	Office of Oil and Gas
	Its:	<u>Storage Engineer</u>	<u>MAR 29 2023</u>
	Address	<u>455 Racetrack Road</u>	WV Department of Environmental Protection
Telephone	<u>Washington, PA 15301</u>		
	<u>724-250-0610</u>		

Subscribed and sworn before me this 29th day of November, 2022  
Emily Leach Notary Public  
My Commission Expires 11/18/2023

**Oil and Gas Privacy Notice**

The Office of Oil and Gas processes your personal information, such as name, address and phone number, as a part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use of your personal information, please contact DEP's Chief Privacy Officer at [depprivacyofficer@wv.gov](mailto:depprivacyofficer@wv.gov).

04/28/2023

4710300177p



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

March 21, 2023

Mary Hohman  
Joseph Hohman  
8937 Proctor Creek Road  
Proctor, WV 26055

TC Energy (Columbia Gas Transmission, LLC) is applying for a permit to the WV Department of Environmental Protection – Office of Oil and Gas, to plug and abandon an existing underground natural gas storage well located on property owned by you. As reference, the field and well ID is Victory A 3562 (API # 47-103-00177-00-00).

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 blue 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

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Office of Oil and Gas

MAR 29 2023

WV Department of  
Environmental Protection

4710300177P

7020 3160 0001 5077 9646

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Proctor, WV 26055

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Certified Mail Fee	\$4.15	0024
Extra Services & Fees (check box, add fee as appropriate)	\$3.35	16
<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	\$2.70	Postmark Here
Total Postage and Fees	\$10.20	03/21/2023

Sent To: *Mary Heliman and Joseph Hohman*  
 Street and Apt. No., or PO Box No.: *8937 Proctor Creek Road*  
 City, State, ZIP+4®: *Proctor, WV 26055*

PS Form 3800, April 2015 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;
    - Restricted delivery service, which provides delivery to the addressee specified by name, or to the addressee's authorized agent.
    - Adult signature service, which requires the signee to be at least 21 years of age (not available at retail).
    - Adult signature restricted delivery service, which requires the signee to be at least 21 years of age and provides delivery to the addressee specified by name, or to the addressee's authorized agent (not available at retail).
- IMPORTANT: Save this receipt for your records.**

PS Form 3800, April 2015 (Reverse) PSN 7530-02-000-9047

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WV Department of  
Environmental Protection

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> <li>■ Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.</li> <li>■ Print your name and address on the reverse so that we can return the card to you.</li> <li>■ Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>	<p>A. Signature  <i>[Signature]</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name)  <i>Joe Hohman</i></p> <p>C. Date of Delivery  <i>3/24/23</i></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes <input type="checkbox"/> No        If YES, enter delivery address below:</p>
<p>1. Article Addressed to:</p> <p><i>Mary Heliman and Joseph Hohman</i>  <i>8937 Proctor Creek Road</i>  <i>Proctor, WV 26055</i></p>	<p>3. Service Type</p> <p><input type="checkbox"/> Certified Mail® <input type="checkbox"/> Priority Mail Express™</p> <p><input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise</p> <p><input type="checkbox"/> Insured Mail <input type="checkbox"/> Collect on Delivery</p>
<p>2. Article Number (Transfer from servic)</p> <p>7020 3160 0001 5077 9646</p>	<p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>

PS Form 3811, July 2013 Domestic Return Receipt

UNITED STATES POSTAL SERVICE  
 PITTSBURGH PA 150  
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First-Class Mail  
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 USPS  
 Permit No. G-10

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

*Brod Nelson*  
*216 Cedarville Street*  
*Apt 2*  
*Pittsburgh, PA 15224*

04/28/2023

**Columbia Gas Transmission, LLC**

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

March 21, 2023

**Consol RCPC, LLC**

1000 Consol Energy Drive

Canonsburg, PA 15317

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

- Victory A 3562 (API # 47-103-00177-00-00) – Plug and Abandon

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

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

If you have questions, feel free to call.

Regards,

A handwritten signature in blue 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

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47103001779

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Extra Services & Fees (check box, add fee as appropriate)	\$7.75	16
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00	Postmark Here  03/21/2023
<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	\$2.70	
<b>Total Postage and Fees</b>	<b>\$10.20</b>	

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

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

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

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  - Insurance coverage is *not* available for purchase with Certified Mail service. However, the purchase of Certified Mail service does not change the insurance coverage automatically included with certain Priority Mail items.
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    - 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, April 2015 (Reverse) PSN 7530-02-000-9047

<p><b>SENDER: COMPLETE THIS SECTION</b></p> <ul style="list-style-type: none"> <li>■ Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.</li> <li>■ Print your name and address on the reverse so that we can return the card to you.</li> <li>■ Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul> <p>1. Article Addressed to:</p> <p>CONSOL REPC, LLC        1000 Consol Energy Drive        Canonsburg, PA 15317</p> <p>2. Article Number        (Transfer from service lab) 7020 3160 0001 5077 9639</p>	<p><b>COMPLETE THIS SECTION ON DELIVERY</b></p> <p>A. Signature <input checked="" type="checkbox"/> Agent  <input checked="" type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) _____</p> <p>C. Date of Delivery: 3/24/23</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes        If YES, enter delivery address below: <input checked="" type="checkbox"/> No</p> <p>3. Service Type  <input type="checkbox"/> Certified Mail® <input type="checkbox"/> Priority Mail Express™  <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise  <input type="checkbox"/> Insured Mail <input type="checkbox"/> Collect on Delivery</p> <p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>
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PS Form 3811, July 2013 Domestic Return Receipt

UNITED STATES POSTAL SERVICE  
 PITTSBURGH PA 150  
 24 MAR 2023PM 3 L

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

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

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

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 Office of Oil and Gas

MAR 29 2023

WV Department of  
 Environmental Protection  
 04/28/2023

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) Whetstone Creek Quadrangle Wileyville, 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 W1 Ronco WTP, Masontown, PA - Permit 2608201)

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? \_\_\_\_\_

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MAR 29 2023  
WV Department of  
Environmental Protection

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

Commonwealth of Pennsylvania - Notary Seal  
Elaine Rybski, Notary Public  
Allegheny County  
My Commission Expires May 11, 2026  
Commission Number 1332803

Subscribed and sworn before me this 28 day of November, 2022

Elaine Rybski Elaine Rybski Notary Public

My commission expires 5/11/2026

Commonwealth of Pennsylvania  
County of Allegheny

04/28/2023



Operator's Well No. \_\_\_\_\_

Proposed Revegetation Treatment: Acres Disturbed <1.0 Prevegetation pH 6.5

Lime 2 Tons/acre or to correct to pH 7

Fertilizer type 10-10-10

Fertilizer amount 600 lbs/acre

Mulch 2 Tons/acre

**Seed Mixtures**

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

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

Attach:

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

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: **Stephen Mccoy** Digitally signed by Stephen Mccoy  
Date: 2022.12.13 13:26:36 -05'00'

Comments: Seed and mulch all disturbed areas.

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MAR 29 2023

WV Department of  
Environmental Protection

Title: WV Oil and Gas Inspector

Date: 12/13/22

Field Reviewed? ( ) Yes ( \* ) No

04/28/2023

**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): Whetstone Creek Quad: Wileyville, 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 Steener Fork, approximately 1690 feet to the E.  
The nearest Wellhead Protection area is 5.8 mi. to the NW (WV3305206 - Grandview - Doolin PSD).

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

N/A

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Environmental Protection

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: Stephen McCoy

Date: 12/13/22

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04/28/2023

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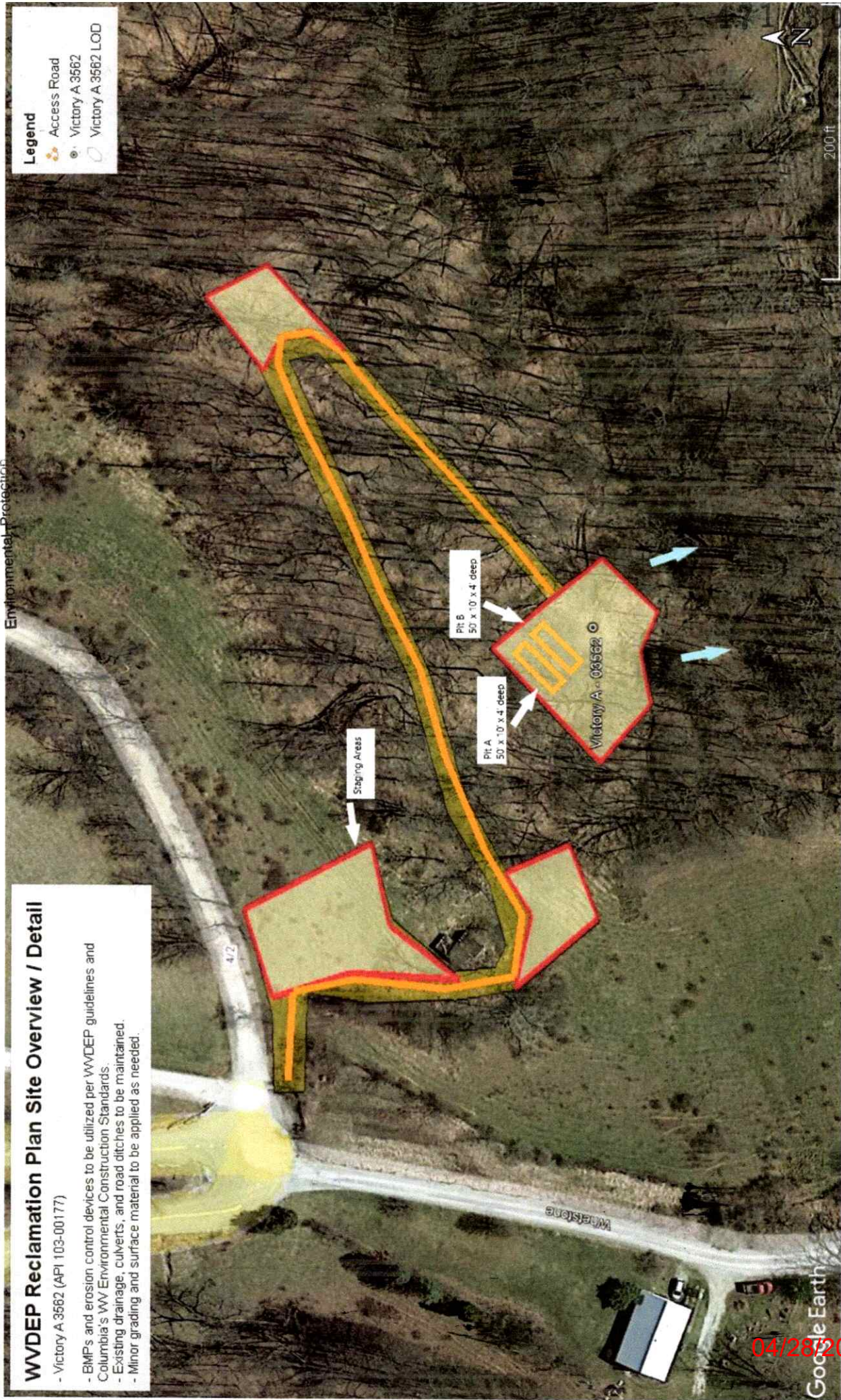
WV Department of Environmental Protection

### WVDEP Reclamation Plan Site Overview / Detail

- Victory A 3562 (API 103-00177)
- BMP's and erosion control devices to be utilized per WVDEP guidelines and Columbia's WV Environmental Construction Standards.
- Existing drainage, culverts, and road ditches to be maintained.
- Minor grading and surface material to be applied as needed.

**Legend**

- Access Road
- Victory A 3562
- Victory A 3562 LOD



0177P

Google Earth

04/28/2023

(POWHATAN POINT)



4710300177P

WILEYVILLE QUADRANGLE  
WEST VIRGINIA  
TOPOGRAPHIC SERIES

(CAMERON)

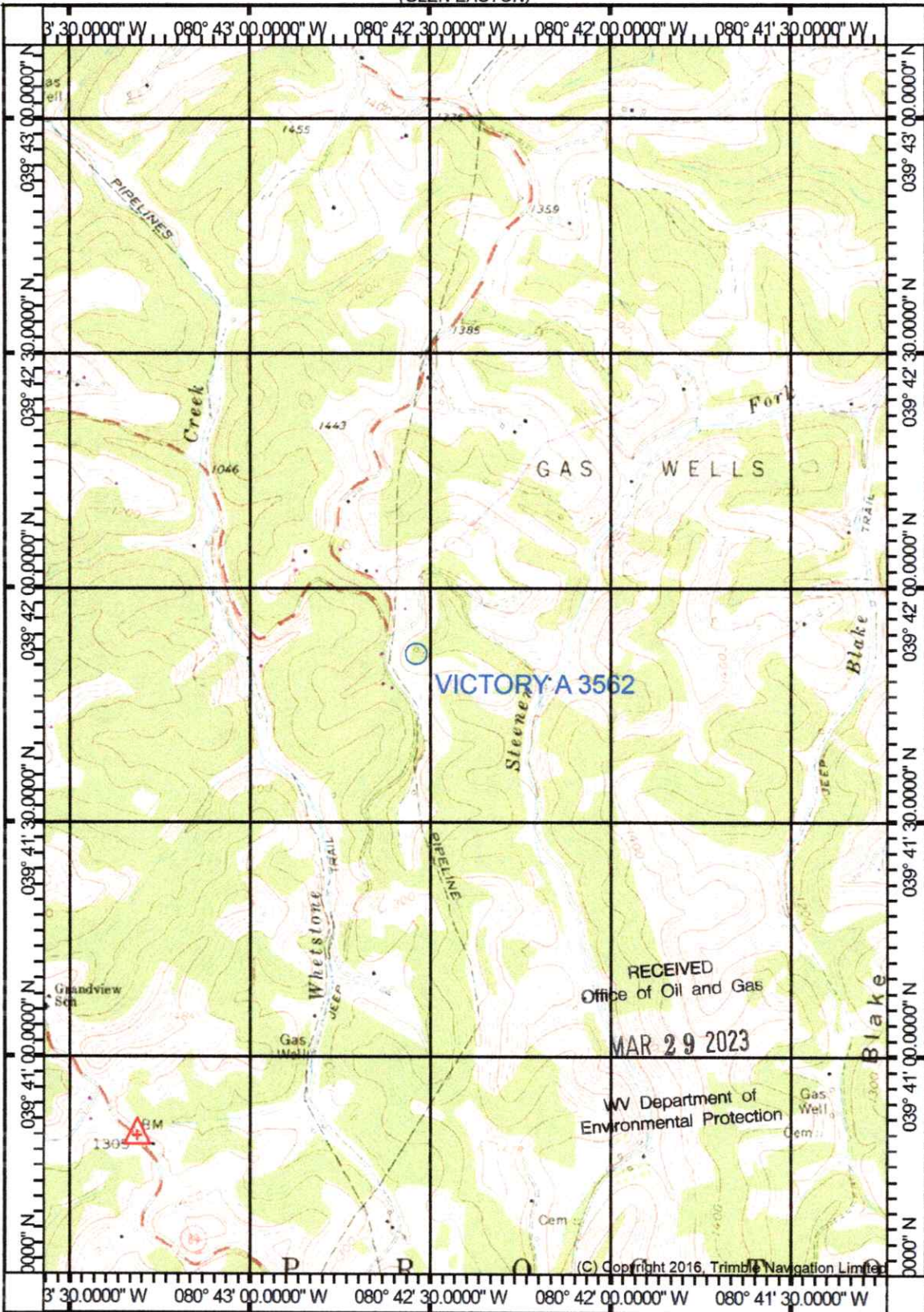
080° 43' 34.3953" W  
039° 43' 09.3823" N

(GLEN EASTON)

080° 41' 13.3905" W  
039° 43' 09.3823" N

(NEW MARTINSVILLE)

(LITTLETON)



039° 40' 31.6039" N  
080° 43' 34.3953" W

039° 40' 31.6039" N  
080° 41' 13.3905" W

(PORTERS FALLS)

(BIG RUN)

Produced by Trimble Terrain Navigator Pro  
Topography based on USGS 1:24,000  
Maps

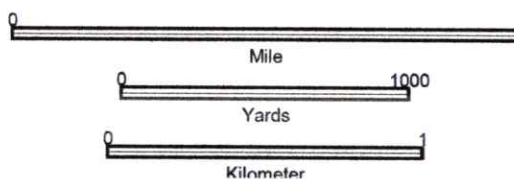
North American 1983 Datum (NAD83)

To place on the predicted North American  
1927 move the projection lines 9M N and  
16M E

Declination



(PINE GROVE)  
SCALE 1:24000



CONTOUR INTERVAL 20 FT

Printed: Tue May 24, 2022

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Office of Oil and Gas

MAR 29 2023

WV Department of  
Environmental Protection

39080-F5-TM-024  
WILEYVILLE, WV

JAN 1 1976

04/28/2023

SM



West Virginia Department of Environmental Protection  
Office of Oil and Gas

**WELL LOCATION FORM: GPS**

API: 47-103-00177-00-00 WELL NO.: Victory A 3562

FARM NAME: BLATT, ELIZABETH

RESPONSIBLE PARTY NAME: Brad Nelson

COUNTY: Wetzel DISTRICT: Proctor

QUADRANGLE: Wileyville

SURFACE OWNER: Joseph Hohman and Mary Hohman

ROYALTY OWNER: Albert L. Hohman; Lavinia M. Bauer, Agent; William H. Singer; Margarty A. Tracey

UTM GPS NORTHING: 4394244.364 m

UTM GPS EASTING: 524946.506 m GPS ELEVATION: 373.125 m (1224')

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 X: 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.

Brad Nelson  
Signature

Storage Engineer  
Title

12/12/2022  
Date

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Office of Oil and Gas  
MAR 29 2023  
WV Department of  
Environmental Protection

04/28/2023

4710300177P



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

March 27, 2023

WVDEP – Office of Oil & Gas  
601 57<sup>th</sup> Street, SE  
Charleston, WV 25304-2345

Enclosed is a well work permit application for the following TC Energy (Columbia Gas Transmission, LLC) existing storage well:

- Victory A 3562 (API 103-00177) – P&A

Please return permit to:

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

*CK# 056239  
# 100*

Regards,

*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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Environmental Protection

[www.tcenergy.com](http://www.tcenergy.com)

04/28/2023



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

---

## plugging permit 4710300177

1 message

---

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

Fri, Apr 28, 2023 at 9:48 AM

To: Brad Nelson <brad\_nelson@tcenergy.com>, slemley@wvassessor.com, Stephen E McCoy <stephen.e.mccoy@wv.gov>


To whom it may concern, a plugging permit has been issued for 4710300177.


James Kennedy

WVDEP OOG

---

### 2 attachments

 **ir-8 4710300177.pdf**  
120K

 **4710300177.pdf**  
5905K

04/28/2023