



west virginia department of environmental protection

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)

Tuesday, November 30, 2021  
WELL WORK PLUGGING PERMIT  
Vertical Plugging

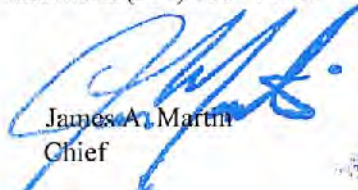
CONSOLIDATION COAL COMPANY  
1 BRIDGE STREET  
MONONGAH, WV 26554

Re: Permit approval for 3223  
47-051-00587-00-00

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: 3223  
Farm Name: TASKER, LOU, ETAL  
U.S. WELL NUMBER: 47-051-00587-00-00  
Vertical Plugging  
Date Issued: 11/30/2021

Promoting a healthy environment.

12/03/2021

## 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.
4. This well is under a consent order and must be plugged within two years of the date of issuance of this permit.

4705100587P

WW-4B  
Rev. 2/01

1) Date OCTOBER 23, 20 21  
2) Operator's  
Well No. M 1513  
3) API Well No. 47-051-00507

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     ) Deep      / Shallow     

5) Location: Elevation 1274.08' Watershed GRAVE CREEK  
District LIBERTY County MARSHALL Quadrangle CAMERON WV,PA

6) Well Operator Consolidation Coal Co. 7) Designated Agent DAVID RODDY  
Address 1 BRIDGE STREET Address 1 BRIDGE STREET  
MONONGAH, WV 26554 MONONGAH, WV 26554

8) Oil and Gas Inspector to be notified 9) Plugging Contractor  
Name Gayne Knitowski Name                       
Address PO Box 108 Address                       
Gorman, WV 26720

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

See Exhibit No. 1 Consent Order (well never plugged)  
MSHA 101 C Petition Summary

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Environmental Protection

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

Work order approved by inspector Gayne J Knitowski Date 11-15-2021

12/03/2021

**EXHIBIT No.1**

From the experience and technology developed since 1970 in plugging oil and gas wells for the mining through, West Virginia Land Resources will utilize the following method to plug all future wells.

SOLID PLUG METHOD

## Well Clean Out

★ Cowardin 01021 Clean out to the total depth <sup>≈ 3031'</sup> and plug back according to the state regulations to a minimum of 200 feet below the lowest minable coal seam.

- (b) ~~If abandoned well~~: Clean out to the first plug 200 feet below the lowest minable coal seam.

Cement

- (a) Circulate through the tubing or drill steel an expanding Class A cement plug from a minimum of 200 feet below the minable coal seam to a point 100 feet above the minable coal seam.
- (b) Circulate through the tubing or drill steel an expanding Class A cement plug from 100 feet above the coal seam to the surface

A monument will be installed with API number and stating "solid plug."

Marshall County 101C

Docket No. M-2016-016-C

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101C MSHA Petition Summary  
 Marshall County Coal  
 Ohio County Coal

**I. Definitions**

- A. Diligent Effort is defined as pulling 150% casing weight and making at least 3 attempts.  
 Assume casing is 3,000' when length is unknown.

**II. Active Well**

- A. Check for Methane  
 B. Notify MSHA we are plugging an active well  
 C. Kill Well  
 D. Pull Sucker Rods and tubing  
 E. Make Diligent Effort to Pull Casing  
 F. If casing cannot be pulled...  
     i. Run Bond Log  
         1. Discuss Action Plan with Mine Personal  
     ii. Notify MSHA that casing cannot be pulled  
     iii. Cut, rip, or perforate every 200'. First cut will be 200' above the end of casing  
         up to 200' below Pittsburgh coal  
         1. MSHA can waive 200' cuts if bond log shows adequate material behind  
             casing.  
     iv. Cut, Rip, or Perforate every 50' from 200' below Pittsburgh to 100' above  
         Pittsburgh (see Appendix A).  
     v. Cut, Rip, or Perforate every 5' from 10' below Pittsburgh Coal to 10' above  
         Pittsburgh (see Appendix A).  
 G. Pump Class A Cement from TD to 200' below Pittsburgh  
 H. Pump Thixotropic Cement from 200' below Pittsburgh to 100' above  
 I. Pump Class A cement from 100' above Pittsburgh to surface.  
 J. Install Well Marker

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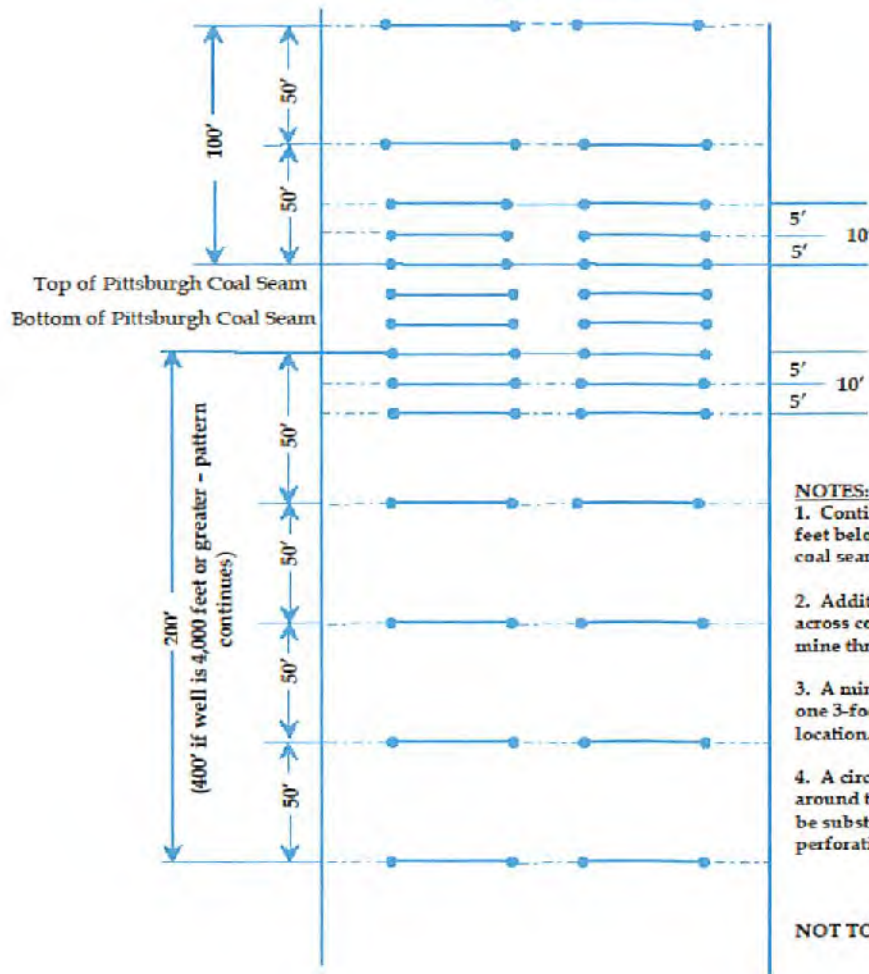
**III. Abandoned Well**

- A. Check for Methane  
     i. Notify MSHA if actively producing methane  
 B. Kill Well  
 C. If well is less than 4,000' deep, clean out well 220' below Pittsburgh (cleanout an extra  
 20' to allow for variance in coal elevation).  
 D. If well has casing, make diligent effort to pull casing as defined above.  
 E. If casing cannot be pulled...  
     i. Run Bond Log  
     ii. Notify MSHA that casing cannot be pulled  
     iii. Cut, Rip, or Perforate every 50' from 200' below Pittsburgh to 100' above  
         Pittsburgh (see Appendix A).

12/03/2021

- iv. Cut, Rip, or Perforate every 5' from 10' below Pittsburgh Coal to 10' above Pittsburgh (see Appendix A).
- F. Pump expanding cement under 200 PSI to form a plug 200' below Pittsburgh
- G. Verify plug
- H. Pump Class A Cement from verified plug to 200' below Pittsburgh
- I. Pump Thixotropic Cement from 200' below Pittsburgh to 100' above
- J. Pump Class A cement from 100' above Pittsburgh to surface.
- K. Install well marker

Appendix A



- NOTES:**
1. Continuous rip from 10 feet below to 10 feet above coal seam or like sketch.
  2. Additional rips made across coal seam to facilitate mine through.
  3. A minimum of 4 shots or one 3-foot rip at each location.
  4. A circumferential cut around the entire casing may be substituted for the perforation or ripping.

NOT TO SCALE

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\*\*\*If the depth is greater than 4,000 feet, all 200' number change to 400' respectively

Division.....  
 Record of Well No. **3223** on **J. B. Miller** Farm **8** Acres  
**Cameron** Field **Lafayette** District **Marshall County** State **W. Va.**  
 Rig Commenced **Oct. 15, 1927** Completed **Oct. 13th 1927**  
 Drilling Commenced **Oct 24** 1927 Completed **Dec. 14** 1927  
 Cost per Foot **\$1.65** Contractor **M. J. McElhara** Address **Cameron W. Va.**  
 Drillers' Names **M. J. McElhara, W. B. McElhara, Floyd Finch, Wm. Moore**

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

CONDUCTOR AND CASING USED IN DRILLING										
Conductor	12 inch	10 inch	8 1/2 inch	6 3/4 inch	6 1/2 inch	5 1/2 inch	5 1/4 inch	5 inch	4 inch	3 inch
<b>16</b>		<b>257</b>	<b>1202</b>	<b>20086</b>						

CONDUCTOR AND CASING LEFT IN WELL										
Conductor	12 inch	10 inch	8 1/2 inch	6 3/4 inch	6 1/2 inch	5 1/2 inch	5 1/4 inch	5 inch	4 inch	3 inch
<b>14</b>			<b>1202</b>	<b>20086</b>						

OIL WELL						GAS WELL				
Wells Shut	Size of Torpedo	1st Day's Production	Tubing	Runs	Trucks	Size of Packer	Depth Set	Packed with	1st Minute Pressure	Max. Press.

FORMATION	Top	Bottom	Thickness	REMARKS
<b>Bluff Sand</b>	<b>550</b>	<b>570</b>	<b>20</b>	<b>white hard</b>
<b>Waynesburg coal</b>	<b>570</b>	<b>574</b>	<b>4</b>	<b>black soft</b>
<b>Waynesburg coal</b>	<b>745</b>	<b>749</b>	<b>4</b>	<b>black soft</b>
<b>Big</b>	<b>840</b>	<b>872</b>	<b>32</b>	<b>two Baileys Water Perforator</b>
<b>Little Simpson sand</b>	<b>1268</b>	<b>1305</b>	<b>37</b>	<b>white hard</b>
<b>Big</b>	<b>1347</b>	<b>1400</b>	<b>53</b>	<b>white hard</b>
<b>gas sand white hard</b>	<b>1625</b>	<b>1670</b>	<b>45</b>	<b>Show gas 15-30</b>
<b>Subl</b>	<b>1620</b>	<b>1670</b>	<b>50</b>	<b>white hard</b>
<b>"</b>	<b>1790</b>	<b>1820</b>	<b>30</b>	<b>white hard</b>
<b>Waxton sand</b>	<b>1895</b>	<b>1964</b>	<b>69</b>	<b>white hard</b>
<b>Big lime</b>	<b>1974</b>	<b>2021</b>	<b>47</b>	<b>white hard</b>
<b>" Jordan sand</b>	<b>2021</b>	<b>2260</b>	<b>239</b>	<b>gas 1920</b>
<b>thirty feet</b>	<b>2430</b>	<b>2460</b>	<b>30</b>	<b>some gas 2822</b>
<b>fifty feet</b>	<b>2817</b>	<b>2865</b>	<b>48</b>	<b>gas from 2819 to 2880</b>
<b>Waynesburg coal</b>	<b>2877</b>	<b>2922</b>	<b>45</b>	<b>266,000 cu ft!</b>
<b>South Sand</b>	<b>2944</b>	<b>2972</b>	<b>28</b>	
<b>total depth</b>			<b>3032 ft</b>	
<b>Clay yellow soft</b>	<b>0</b>	<b>14</b>	<b>14</b>	<b>Slate &amp; shells 1670 1790</b>
<b>Sand white soft</b>	<b>14</b>	<b>30</b>	<b>16</b>	<b>Slate &amp; shells 1820 1838</b>
<b>Slate &amp; shells white soft</b>	<b>30</b>	<b>550</b>	<b>520</b>	<b>Salt Sand white hard 1838 1880</b>
<b>Limestone white hard</b>	<b>769</b>	<b>865</b>	<b>96</b>	<b>Slate black soft 1880 1995</b>
<b>Limestone white hard</b>	<b>872</b>	<b>1027</b>	<b>155</b>	<b>Slate black soft 1964 1976</b>
<b>Red Rock red soft</b>	<b>1020</b>	<b>1220</b>	<b>200</b>	<b>Slate &amp; shells black 2260 2630</b>
<b>Sand white hard</b>	<b>1220</b>	<b>1245</b>	<b>25</b>	<b>Slate black soft 2650 2817</b>
<b>Red Rock red soft</b>	<b>1245</b>	<b>1268</b>	<b>23</b>	<b>Slate &amp; shells black 2853 2877</b>
<b>Slate black soft</b>	<b>1305</b>	<b>1347</b>	<b>42</b>	<b>Slate &amp; shells black 2922 2964</b>
<b>Slate &amp; shells</b>	<b>1400</b>	<b>1525</b>	<b>125</b>	<b>Slate black soft 3010 3015</b>
				<b>Sand white hard 3015 3032</b>

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LATITUDE 39° 50' 00"

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LONGITUDE 80° 30' 00"

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7.5 OGIS topo location

7.5' loc 0.915 / 15' loc \_\_\_\_\_  
                  2.09W           (calc.) \_\_\_\_\_

Company \_\_\_\_\_

Farm \_\_\_\_\_

Quad CAMERON 7 1/2'

County MARSHALL

District LIBERTY

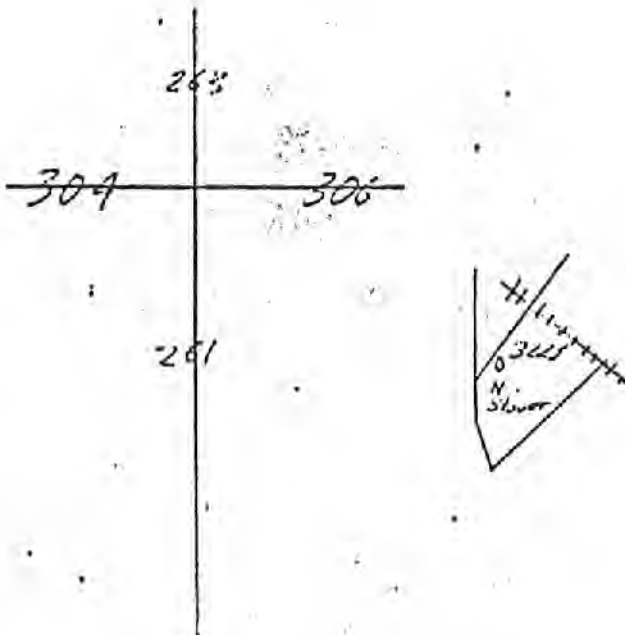
WELL LOCATION MAP

File No. 051-0587

12/03/2021



COMPANY COLUMBIA GAS TRANSMISSION CORPORATION MAP NO. C-211  
FARM N. Stover WELL NO. 603223  
DISTRICT Liberty COUNTY Marshall STATE W.V.  
SCALE 1" = 1320' LONG. 80°32'28" LAT. 39°49'17"



4705100587P

WW-4A  
Revised 6-07

1) Date: OCTOBER 23, 2021  
2) Operator's Well Number M-1513  
3) API Well No.: 47 - 051 - 00587

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

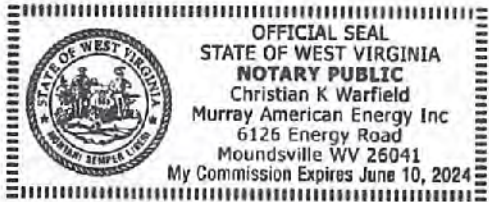
4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>RANDY L. &amp; CHARLENE D. ROSS</u>	Name <u>Consolidation Coal Company</u>
Address <u>1334 GREEN VALLEY RD.</u>	Address <u>1 BRIDGE STREET</u>
<u>CAMERON, WV 26033</u>	<u>MONONGAH, WV 26554</u>
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name _____
	Address _____
(c) Name _____	Name _____
Address _____	Address _____
6) Inspector <u>Gayne Knifowski</u>	(c) Coal Lessee with Declaration
Address <u>PO Box 168</u>	Name _____
<u>Gormanian, WV 26720</u>	Address _____
Telephone <u>304-546-8171</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.



Well Operator <u>Consolidation Coal Company</u>	
By: <u>JAY HORES</u>	
Its: <u>PROJECT ENGINEER</u>	
Address <u>6126 ENERGY ROAD</u>	<b>RECEIVED</b>
<u>MOUNDSVILLE, WV 26041</u>	<b>Office of Oil and Gas</b>
Telephone <u>(304) 843-3565</u>	<b>NOV 24 2021</b>

WV Department of Environmental Protection

Subscribed and sworn before me this 9<sup>th</sup> day of November  
Christian Warfield Notary Public  
 My Commission Expires June 10, 2024

**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).

12/03/2021

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7020 0640 0001 3302 0130  
0130 0130 0130 0130 0130

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For delivery information, visit our website at <a href="http://www.usps.com">www.usps.com</a> ®.	
<b>OFFICIAL USE</b>	
Certified Mail Fee \$ _____	Postmark Here
Extra Services & Fees (check box, add fee as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy) \$ _____	
<input type="checkbox"/> Return Receipt (electronic) \$ _____	
<input type="checkbox"/> Certified Mail Restricted Delivery \$ _____	
<input type="checkbox"/> Adult Signature Required \$ _____	
<input type="checkbox"/> Adult Signature Restricted Delivery \$ _____	
Postage \$ _____	
Total Postage and Fees \$ _____	
Sent by <b>Randy Ross</b>	
Street, Apt. No., or PO Box No. <b>1334 Green Valley RD M-1513</b>	
City, State, ZIP+4® <b>Cameron, WV 26033</b>	
PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions	

12/03/2021

4705100587P

WW-9  
(5/16)

API Number 47 - 051 00587  
Operator's Well No. M-1513

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

Operator Name Consolidation Coal Co. OP Code \_\_\_\_\_

Watershed (HUC 10) GRAVE CREEK Quadrangle CAMERON WV,PA

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: \_\_\_\_\_

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

Proposed Disposal Method For Treated Pit Wastes:

- Land Application (if selected provide a completed form WW-9-GPP)
- Underground Injection ( UIC Permit Number \_\_\_\_\_ )
- Reuse (at API Number \_\_\_\_\_ )
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain Tanks, see attached letter)

Will closed loop system be used? If so, describe: Yes. Gel circulated from tank thru well bore and returned to tank

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. Gel or Cement

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

Additives to be used in drilling medium? Bentonite, Bicarbonate of Soda

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. Shaker cutting buried on site.

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

-Landfill or offsite name/permit number? N/A

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 Jay Hores  
Company Official (Typed Name) Jay Hores  
Company Official Title Project Engineer

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Subscribed and sworn before me this 9<sup>th</sup> day of November

Charles Warfield

My commission expires June 10, 2024

2021

NOTARY PUBLIC



OFFICIAL SEAL  
STATE OF WEST VIRGINIA  
NOTARY PUBLIC  
Christian K Warfield  
Murray American Energy Inc  
6126 Energy Road  
Moundsville, WV 26041  
My Commission Expires June 10, 2024

**AMERICAN CONSOLIDATED NATURAL  
RESOURCES & WEST VIRGINIA LAND  
RESOURCES**

**AMERICAN CONSOLIDATED  
NATURAL RESOURCES & WEST  
VIRGINIA LAND RESOURCES**

46226 National Road  
St. Clairsville, OH 43950

phone: 304.843.3565

fax: 304.843.3546

e-mail: [JayHores@acnrinc.com](mailto:JayHores@acnrinc.com)

**JAY HORES**

Project Engineer

November 9, 2021

Department of Environmental Protection  
Office of Oil and Gas  
601-57<sup>th</sup> Street  
Charleston, WV 25320

To Whom It May Concern,

As per the Division of Environmental Protection, Office of Oil and Gas request, Consolidation Coal Company submits the following procedures utilizing pit waste.

Upon submitting a well work application (without a general permit for Oil & Gas Pit Waste Discharge Application), Consolidation Coal Company will construct no pits, but instead will use mud tanks to contain all drilling muds.

Once the well is completed, that material (minus the cave material) will be trucked to the next well to be plugged or to DEP facilities number U-0033-83, O-1001-00, U-1035-91U-46-84, U-78-83, O-1044-9, or U-100-83.

Sincerely,



Jay Hores  
Project Engineer

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Form WW-9

Operator's Well No. M-1513

Proposed Revegetation Treatment: Acres Disturbed 1 Prevegetation pH \_\_\_\_\_

Lime 3 Tons/acre or to correct to pH 6.0

Fertilizer type 10-20-20 or equivalent

Fertilizer amount 500 lbs/acre

Mulch 2 Tons/acre

Seed Mixtures

**Temporary**

**Permanent**

Seed Type lbs/acre

Seed Type lbs/acre

Seed Mix in accordance with WVDEP Oil  
and Gas, Erosion and Sediment Control  
Field Manual

Seed Mix in accordance with WVDEP Oil  
and Gas, Erosion and Sediment Control  
Field Manual

**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: *Gayne J. Kunitowski*

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

Reclaim site ASAP

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Title: Inspector Date: 11-15-21

Field Reviewed?  Yes  No

12/03/2021

47051005187P



50'  
4409  
4408  
4406  
4405  
47'30"  
4404

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Office of Oil and Gas  
NOV 24 2021  
WV Department of  
Environmental Protection

12/03/2021

4705100587A

WW-7  
8-30-06



West Virginia Department of Environmental Protection  
Office of Oil and Gas

**WELL LOCATION FORM: GPS**

API: 47-051-00587 WELL NO.: M-1513

FARM NAME: J.B.MILLER

RESPONSIBLE PARTY NAME: Consolidation Coal Co.

COUNTY: MARSHALL DISTRICT: LIBERTY

QUADRANGLE: CAMERON WV, PA

SURFACE OWNER: RANDY L. & CHARLENE D. ROSS

ROYALTY OWNER: \_\_\_\_\_

UTM GPS NORTHING: 4,407,988 m (1273')

UTM GPS EASTING: 539,479 m GPS ELEVATION: 388 m

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

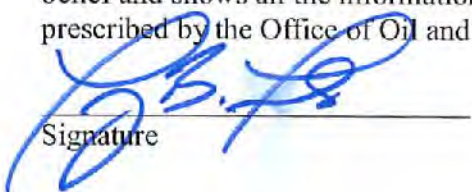
1. Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
2. Accuracy to Datum – 3.05 meters
3. Data Collection Method:

Survey grade GPS  : Post Processed Differential \_\_\_\_\_  
Real-Time Differential

Mapping Grade GPS \_\_\_\_\_ : Post Processed Differential \_\_\_\_\_  
Real-Time Differential \_\_\_\_\_

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

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

  
Signature

Professional Surveyor  
Title

OCTOBER 23, 2021  
Date

RECEIVED  
Office of Oil and Gas  
NOV 24 2021  
WV Department of  
Environmental Protection

12/03/2021





Stansberry, Wade A &lt;wade.a.stansberry@wv.gov&gt;

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**Plugging Well Work Permit (API: 47-051-00587)**

1 message

**Stansberry, Wade A** <wade.a.stansberry@wv.gov>

Tue, Nov 30, 2021 at 1:56 PM

To: Jay Hores &lt;jayhores@coalsource.com&gt;, David Roddy &lt;davidroddy@coalsource.com&gt;, Eric Buzzard &lt;ebuzzard@marshallcountywv.org&gt;, "Knitowski, Gayne J" &lt;e026012@wv.gov&gt;

I have attached a copy of the newly issued well [permit](#) numbers:

47-051-00587 - 3223  
47-051-00605 - M-1079  
47-051-01572 - M-1671  
47-051-02419 - M-1082  
47-051-02420 - M-1598






This will serve as your copy.

If you have any questions, then [please](#) contact us here at the Office of Oil and Gas.  
Thank you,

**Wade A. Stansberry**  
**Environmental Resource Specialist 3**  
**West Virginia Department of Environmental Protection**  
**Office of Oil & Gas**  
**601 57th St. SE**  
**Charleston, WV 25304**  
**(304) 926-0499 ext. 41115**  
**(304) 926-0452 fax**  
[Wade.A.Stansberry@wv.gov](mailto:Wade.A.Stansberry@wv.gov)

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**5 attachments**

-  **IR-8 Blank.pdf**  
183K
-  **47-051-00587 - Copy.pdf**  
1234K
-  **47-051-00605 - Copy.pdf**  
1072K
-  **47-051-01572 - Copy.pdf**  
1063K
-  **47-051-02419 - Copy.pdf**  
1127K

**12/03/2021**