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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)

Tuesday, January 04, 2022  
WELL WORK PLUGGING PERMIT  
Vertical Plugging

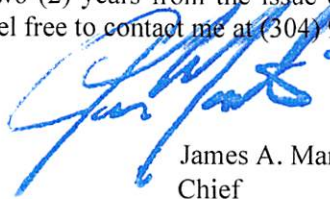
WEST VIRGINIA LAND RESOURCES INC.  
1 BRIDGE STREET  
MONONGAH, WV 26554

Re: Permit approval for SGW-27  
47-051-00558

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: SGW-27  
Farm Name: G W JONES HEIRS  
U.S. WELL NUMBER: 47-051-00558  
Vertical Plugging  
Date Issued: 01/04/2022

Promoting a healthy environment.

01/07/2022

## 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.

- 1) Date December 10, 2021
- 2) Operator's  
Well No. SGW-27
- 3) API Well No. 47-051 - 00558

**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 X
- 5) Location: Elevation 1339.16 Watershed Big Wheeling Creek  
District Sand Hill County Marshall Quadrangle Majorsville, WV 7.5'
- 6) Well Operator West Virginia Land Resources 7) Designated Agent Dave 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 \_\_\_\_\_  
Gormanah, WV 26720 (304) 546-8171

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

See Exhibit No. 1

5  
101C MSHA 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 Knitowski Digitally signed by Gayne Knitowski Date: 2021.12.13 08:14:42 -05'00' Date 12/13/2021

870010078

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

Rev. 1/01

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

APPLICATION FOR A PERMIT TO DRILL AND PRODUCE

Well Type: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
County: \_\_\_\_\_

Operator	Well Name	County
West Virginia Land Resources	_____	_____
Address: 1 Bridge Street	_____	_____
Monongah, WV 25504	_____	_____
Phone: _____	_____	_____
Fax: _____	_____	_____
Geological Information	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

The following information is required to be submitted with this application:

SEE LISTING

Application Fee: \$1000  
Permit Fee: \$500  
Total: \$1500

This permit is valid for a period of 24 months unless otherwise specified.

151313051

01/07/2022

**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

- (a) ~~If active well~~: Clean out to the total depth 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."

Ohio County 101C

Docket No. M-2016-020-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



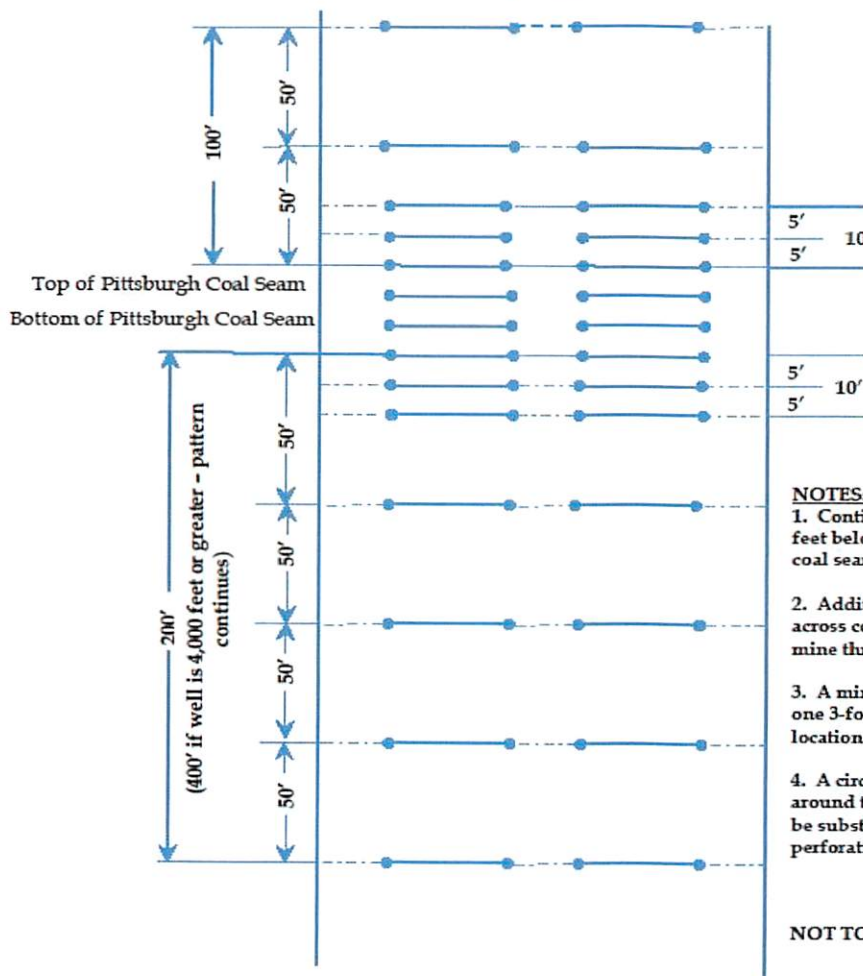
III. **Abandoned Well**

- 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).

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- 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



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

Quadrangle Majorsville  
Permit No. Mars-558

Rotary X Oil \_\_\_\_\_  
Cable \_\_\_\_\_ Gas dry  
Recycling \_\_\_\_\_ Comb. \_\_\_\_\_  
Water Flood \_\_\_\_\_ Storage \_\_\_\_\_  
~~XXXX~~ Abandoned Temporarily  
(Kind)

Company Kingery Drilling Company Inc.  
Address Box 1588, Ardmore, Okla 73401  
Farm G. W. Jones Heirs Acres 95  
Location (waters) Big Wheeling Creek  
Well No. 1 Elev. 1336 GR.  
District Sand Hill County MARSHALL  
The surface of tract is owned in fee by G.W. JONES  
Heirs. Att. of Harold F. Jones, 410 8th.  
Address Street, Glendale, W. Va. 26038  
Mineral rights are owned by \_\_\_\_\_  
Address Same above  
Drilling Commenced 1-3-75  
Drilling Completed 2-1-75  
Initial open flow \_\_\_\_\_ cu. ft. \_\_\_\_\_ bbls.  
Final production \_\_\_\_\_ cu. ft. per day \_\_\_\_\_ bbls.  
Well open \_\_\_\_\_ hrs. before test \_\_\_\_\_ RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			Cement circulated to surface.
Cond. 13-10"			
9 5/8			
8 5/8			
7	875'	All	
5 1/2			
4 1/2			
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Junk in hole---Temporarily abandoned Cones and Magnet were lost in hole at 1781', and could not be recovered. Larger rig was moved in and fishing resumed without success. Electric logs were run by Schlumberger and well was temporarily abandoned by permission from Richard Morris, Inspector. Hole was filled to top with 60 Vic. drilling mud and 7" plug screwed in top of surface casing.

Coal was encountered at 820' Feet \_\_\_\_\_ Inches  
Fresh water \_\_\_\_\_ Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_  
Producing Sand \_\_\_\_\_ Depth \_\_\_\_\_

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Shale & lime shells, gy, rd.			Surface	420		
Sand, fn, shly, glau.			420	440		
Shale & lm shells, gy, tn			440	650		
Lime, gy, br, xln.			650	780		
Shale, gy, sdy.			780	800		
Lime, lt grn, xln.			800	820		
✓ Coal			820	828,	Show gas	
Shale, sdy, gy, rd			828	900		
Sand, shly, lt. gy.			900	920		
Shale, sdy, gy, rd. Lime, tn, xln.			920	980		
Dolomite, shly, gy, sdy.			980	1000		
Shale, sdy, gy, tn.			1000	1030		
Lime, foss, lt. grn.			1030	1040		
Sand, fn gr, glau.			1040	1054		
Shale, sdy, lt gy.			1054	1090		
Sand, fn, shly, grn.			1090	1110		

\* Indicates Electric Log tops in the remarks section.

(over)

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4705100558 P

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Shale, sdy, lt. gy.			1110	1160		Slight show gas @ 1140-50
Lime, grn, foss.			1160	1180		
Sand, shly, fn, grn.			1180	1190		
Shale, sdy & shly, sd, gy.			1190	1310		
Lime, tn, xln.			1310	1320		
Sand, fn, cln.			1320	1340		
Sand, shly, gry.			1340	1350		
Lime, tn, xln.			1350	1360		
Sand, gry, shly. & Gry. sdy. sh.			1360	1410		
Sand, med gr uncons mica.			1410	1470		Slight show gas @ 1455
Shale, sdy, gry.			1470	1510		
Sand, med uncons, odor & flor.			1510	1570		50MCF gas @ 1510
Shale, gry, med. to dk.			1570	1620		
Sand, med wht, uncons.			1620	1640		Water, lost samples & dust
No samples			1640	1660		Mud up at 1660
Shale, rd, gry, sdy..			1660	1690		
Sand, f. to cs. m, gr.			1690	1750		Lost cones and magnet in the hole.
<del>BEACH</del>		Salt				Could not recover, ran Electric Log and temporarily abandoned.
						Electric Log elevation KB = 1344
						" " T.D. = 1781

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~ 0.10 mi N of Mars 538

Salt sb disc.  
scheduled NPT to Berea -  
failed.

Date 3-21-77

APPROVED Kingery Drilling Company, Inc. (owner)

By *[Signature]*  
(Title)

01/07/2022



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

4705100558P  
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DEC 18 1974

DEPARTMENT OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

DATE December 16, 1974

Surface Owner G. W. Jones Hairs

Company Kingery Drilling Co. Inc.

Address 410-8th. Street, Glendale, W. Va.

Address P.O. Box 1588, Ardmore, Okla. 73401

Mineral Owner Same

Farm G. W. Jones Hairs Acres 119.95

Address \_\_\_\_\_

Location (waters) Wheeling Creek

Coal Owner Consolidation Coal Co.

Well No. 1 Elevation 1336

Address Moundsville, W. Va.

District Sand Hill County Marshall

Coal Operator \_\_\_\_\_

Quadrangle Majorville

Address \_\_\_\_\_

TO BE NOTIFIED Richard J. Morris  
Grantsville, W. Va. PH: 354-7259

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 22 of the W. Va. Code, the location is hereby approved for drilling. This permit shall expire if operations have not commenced by 4-18-75.

Richard Morris  
Deputy Director - Oil & Gas Division

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated September 1, 1973 by Harold Jones et al made to D.C. Malcolm Inc and recorded on the 10th. day of December 19 74 in Marshall County, Book \_\_\_\_\_ Page \_\_\_\_\_

NEW WELL  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  
 OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days.

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address \_\_\_\_\_ day \_\_\_\_\_ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL  
GEOPHYSICAL LOGS DIRECTLY TO:

West Virginia Geological and Economic Survey  
P. O. Box 879  
Morgantown, W. Va. 26505  
AC 304-296-4461

Very truly yours, Kingery Drilling Co. Inc.

(Sign Name) Gary Little  
Well Operator

P.O. Box 1588

Street

Ardmore

City or Town

Oklahoma. 73401

State

Address  
of  
Well Operator

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WV Department of  
Environmental Protection

\*SECTION 3 . . . If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reflecting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

BLANKET BOND

MARS-558

PERMIT NUMBER

47 051

Survey

01/07/2022

THIS IS AN ESTIMATE ONLY  
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO X DRILL \_\_\_\_\_ DEEPEN \_\_\_\_\_ FRACTURE-STIMULATE \_\_\_\_\_  
DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT:  
NAME Well Supervision Inc. NAME J. H. McClure  
ADDRESS P.O. Box 191, New Concord, Ohio, 43762 ADDRESS Wheeling, W. Va. Shadow Knoll  
TELEPHONE 614-826-7658 TELEPHONE 242-7439  
ESTIMATED DEPTH OF COMPLETED WELL: 2500' ROTARY X CABLE TOOLS \_\_\_\_\_  
PROPOSED GEOLOGICAL FORMATION: Serea  
TYPE OF WELL: OIL \_\_\_\_\_ GAS X COMB. \_\_\_\_\_ STORAGE \_\_\_\_\_ DISPOSAL \_\_\_\_\_  
RECYCLING \_\_\_\_\_ WATER FLOOD \_\_\_\_\_ OTHER \_\_\_\_\_

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10			
9 - 5/8			
8 - 5/8			
7	800'	800'	To surface
5 1/2			
4 1/2			
3	2500'	2500'	Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS \_\_\_\_\_ FEET SALT WATER \_\_\_\_\_ FEET  
APPROXIMATE COAL DEPTHS 750'  
IS COAL BEING MINED IN THE AREA? No BY WHOM? \_\_\_\_\_

TO DRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

TO DRILL DEEPER OR REDRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

TO FRACTURE - STIMULATE:

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.

OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for CONSOLIDATION Coal Company, Owner or Operator of the coal under this Consolidation have examined and place on our mine maps this proposed well location.

We the \_\_\_\_\_ Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

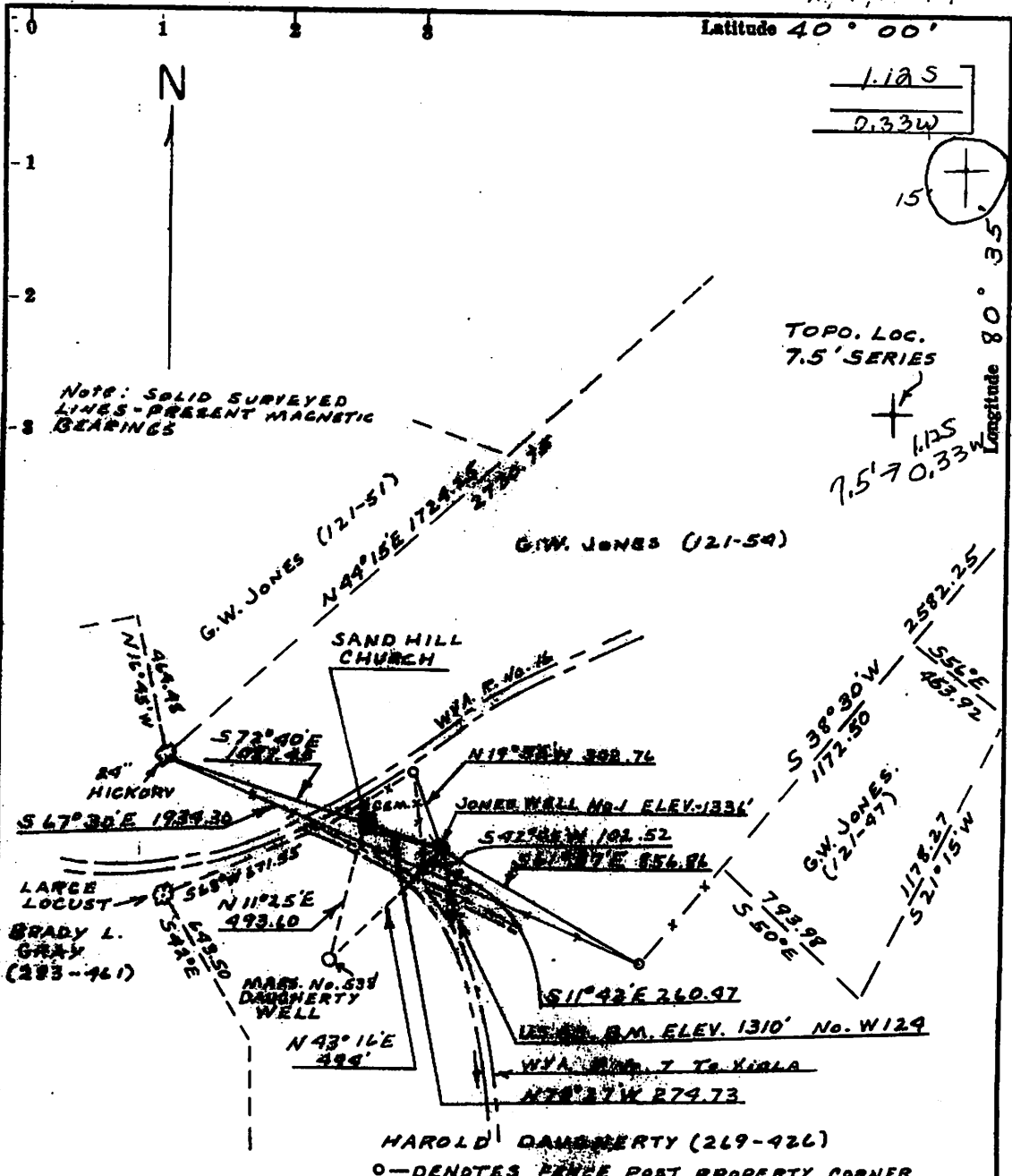
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WV Department of  
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William L. Gwata  
Coal Company  
Mining Engineer  
Official Title

01/07/2022



- Fracture...
- Redrill...
- New Location
- Drill Bumper
- Abandonment

Company KINGERY DRILLING CO.  
 Address P.O. Box 1515 Ardmore, Oklahoma  
 Farm G.W. JONES HEIRS  
 Tract \_\_\_\_\_ Acres 95.00 Lease No. \_\_\_\_\_  
 Well (Farm) No. 1 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 1336.00' NC  
 Quadrangle CAMERON MARSHVILLE, Cameron 15'  
 County MARSHALL District SANDHILL  
 Surveyor or Engineer Charles V. Ellen - Surveyor  
 Surveyor's or Engineer's Registration No. W.V.A. LICENSE No. 39  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date DEC. 8, 1979 Scale 1" = 500'

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON

**WELL LOCATION MAP**

FILE NO. Ma-558

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.

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IV-20  
Obverse  
1-84



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SEP 20 1984

OIL & GAS DIVISION  
DEPT. OF MINES

State of West Virginia  
Department of Mines  
Oil and Gas Division  
Charleston 25305

FINAL INSPECTION REPORT  
INSPECTORS COMPLIANCE REPORT  
June 25, 1984

COMPANY Weirton Steel Division  
National Steel Corporation  
P. O. Box 431  
  
Weirton, West Virginia 26062

PERMIT NO 051-0558  
FARM & WELL NO G. W. Jones Heirs #1  
DIST. & COUNTY Sand Hill/Marshall

RULE	DESCRIPTION	IN COMPLIANCE	
		YES	NO
23.06	Notification Prior to Starting Work		
25.04	Prepared before Drilling to Prevent Waste		
25.03	High-Pressure Drilling		
16.01	Required Permits at Wellsite		
15.03	Adequate Fresh Water Casing		
15.02	Adequate Coal Casing		
15.01	Adequate Production Casing		
15.04	Adequate Cement Strenght		
15.05	Cement Type		
23.02	Maintained Access Roads	<input checked="" type="checkbox"/>	
25.01	Necessary Equipment to Prevent Waste	<input checked="" type="checkbox"/>	
23.04	Reclaimed Drilling Pits	<input checked="" type="checkbox"/>	
23.05	No Surface or Underground Pollution	<input checked="" type="checkbox"/>	
23.07	Requirements for Production & Gathering Pipelines		
16.01	Well Records on Site		
16.02	Well Records Filed		
7.05	Identification Markings	<input checked="" type="checkbox"/>	

I HAVE INSPECTED THE ABOVE CAPTIONED WELL AND RECOMMEND THAT IT BE RELEASED:

*This well Has drill pipe stuck in it, it Has been plugged, check a plugging Permit & affidavit*

SIGNED R.A. Fowler  
DATE Sept 18, 1984

Your well record was received and reclamation requirements approved. In accordance with Chapter 22, Article 4, Section 2, the above well will remain under bond coverage for the life of the well.

Administrator-Oil & Gas Division

DATE

WW-4A  
Revised 6-07

1) Date: 12/10/21  
2) Operator's Well Number  
SGW-27  
3) API Well No.: 47 - 051 - 00558

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

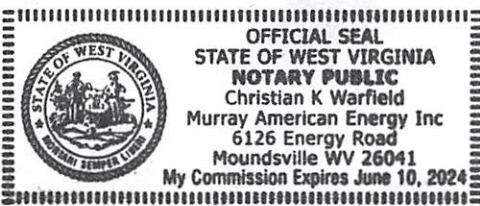
4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>Joseph Storch</u>	Name <u>West Virginia Land Resources</u>
Address <u>3211 Sandhill Rd</u>	Address <u>1 Bridge Street</u>
<u>Wheeling, WV 26003</u>	<u>Monongah, WV 26554</u>
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name _____
	Address _____
(c) Name _____	Name _____
Address _____	Address _____
6) Inspector <u>Gayne Knitowski</u>	(c) Coal Lessee with Declaration
Address <u>PO Box 108</u>	Name _____
<u>Gorman, 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 West Virginia Land Resources  
 By: Jay Hores  
 Its: Project Engineer  
 Address 6126 Energy Road  
Moundsville, WV 26041  
 Telephone (304) 843-3565

RECEIVED  
Office of Oil and Gas  
DEC 17 2021  
WV Department of  
Environmental Protection

Subscribed and sworn before me this 10th day of December  
Christian K 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 [depprivacyoffier@wv.gov](mailto:depprivacyoffier@wv.gov).

**CERTIFIED MAIL® RECEIPT**

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For delivery information, visit our website at [www.usps.com](http://www.usps.com)®

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

Postage \$

Total Postage and Fees \$

Sent to **Joseph Storch**

Street and Apt. No., PO Box, **3211 Sandhill RD**

City, State, ZIP+4® **Wheeling, WV 26003**

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



4705100558P

7202 0290 0400 1000 3022 0147

01/07/2022

WW-9  
(5/16)

API Number 47 - 051 - 00558  
Operator's Well No. SGW-27

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

Operator Name West Virginia Land Resources OP Code \_\_\_\_\_

Watershed (HUC 10) Big Wheeling Creek Quadrangle Majorsville, WV 7.5'

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 the 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 cuttings 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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Office of Oil and Gas  
DEC 17 2021  
WV Department of  
Environmental Protection

Subscribed and sworn before me this 10th day of December

Christian K Warfield

My commission expires June 10, 2024

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

December 10, 2021

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

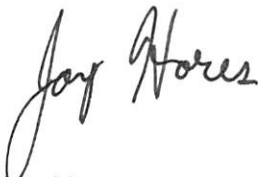
To Whom It May Concern,

As per the Division of Environmental Protection, Office of Oil and Gas request, West Virginia Land Resources submits the following procedures utilizing pit waste.

Upon submitting a well work application (without a general permit for Oil & Gas Pit Waste Discharge Application), West Virginia Land Resources 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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01/07/2022

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 Knitowski  
Digitally signed by Gayne Knitowski  
Date: 2021.12.13 08:15:12 -0500

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

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Title: Inspector

Date: 12/13/2021

Field Reviewed?  Yes  No

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Proposed Vegetation Treatment: Acres (Estimated) 1

Line 3 Total amount to contract for \$10,000

Fertilizer Type 10-30-20 or equivalent

Fertilizer amount 800 lbs/acre

Match 3 Tons/acre

Seed Mixtures

Permanent	Temporary
Seed Type	Seed Type
lbs/acre	lbs/acre
Seed Mix in accordance with WVDOP OI and Gas, Erosion and Sediment Control Field Manual	Seed Mix in accordance with WVDOP OI and Gas, Erosion and Sediment Control Field Manual

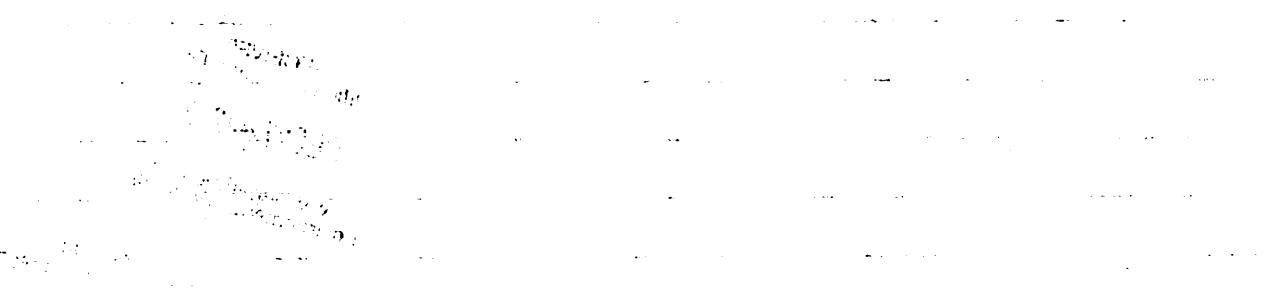
Proposed section of involved topographic sheet

(L.W.) and area in acres of the land application area.

Water from the pit will be land applied, provide water volume, include dimensions (L, W, D) of the pit, and dimensions of the pit location, pit and proposed area for land application (unless otherwise specified) this also have been

Plan Approved by \_\_\_\_\_

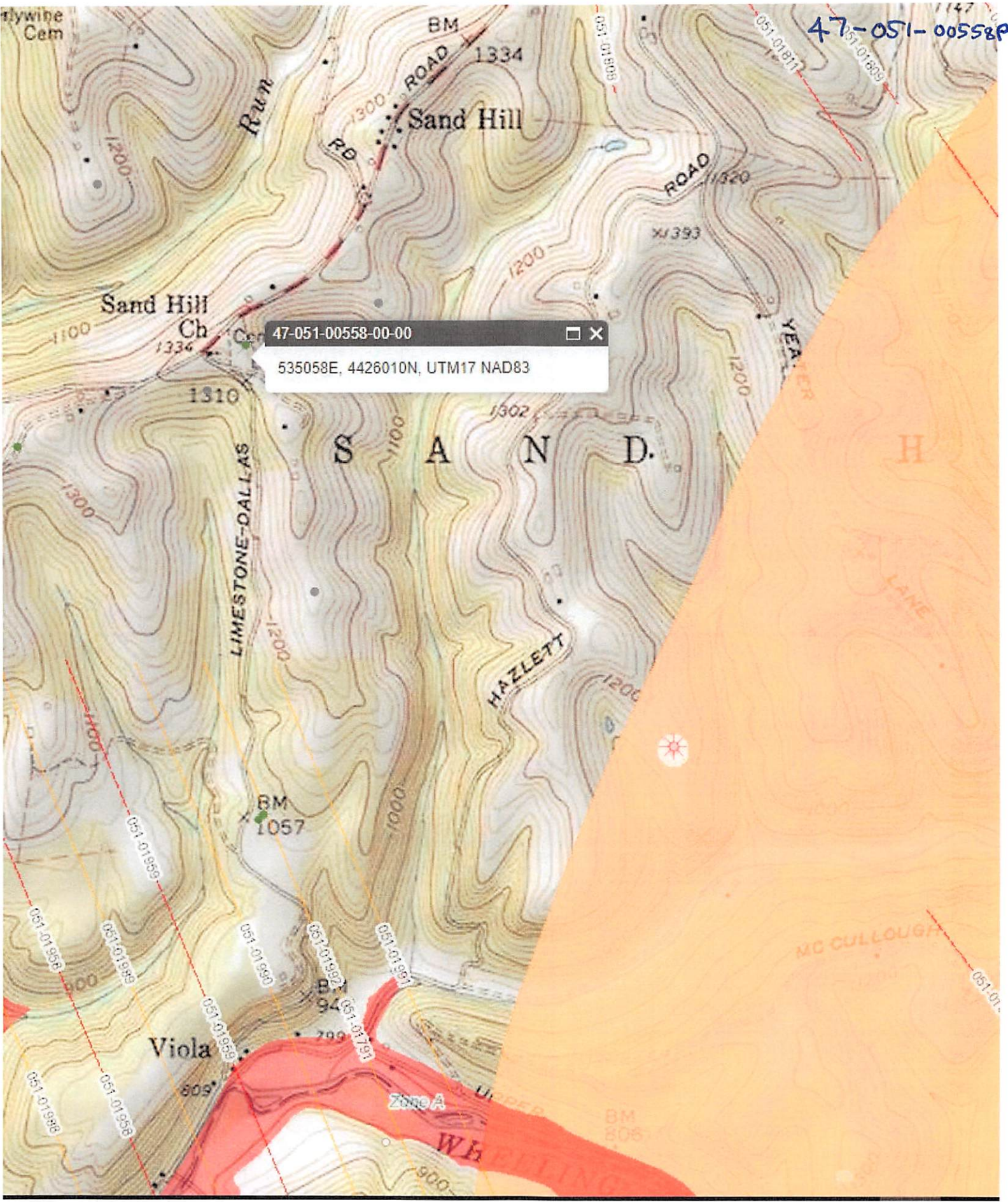
\_\_\_\_\_



Date \_\_\_\_\_ Inspector \_\_\_\_\_

Field Reviewer \_\_\_\_\_

47-051-00558P



01/07/2022

WW-7  
8-30-06



West Virginia Department of Environmental Protection  
Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 47-051-00558 WELL NO.: SGW-27

FARM NAME: G. W. Jones Heirs

RESPONSIBLE PARTY NAME: West Virginia Land Resources Inc.

COUNTY: Marshall DISTRICT: Sand Hill

QUADRANGLE: Majorsville

SURFACE OWNER: Joseph Storch

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

UTM GPS NORTHING: 4426010 m

UTM GPS EASTING: 535058 m GPS ELEVATION: 407 m (1335')

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

11/30/2021  
Date

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Office of Oil and Gas

DEC 17 2021

WV Department of  
Environmental Protection

OP-77-A (01-19)

Record No. \_\_\_\_\_

State of West Virginia

Department of Environmental Protection

This is to acknowledge that the well: API no. 47-051-00558

District	<u>Sand Hill</u>		
Well No	<u>SGW 27</u>	Farm name	<u>G. W. Jones Heirs</u>

Is hereby transferred To:

The transferee	<u>Company: WV Land Resources INC</u>
Code #494525178	<u>Address 1 Bridge Street, Monongah, WV 26554</u>

Transfer approval shall be subject to the provisions in W. Va. Code §§ 22-6-26, 22-10-7 and 35 CSR 4 - 10.5, or as otherwise set forth by agreement with the Chief.

The transferee has registered and designated an agent on form OP-1, which is on file with the Office of Oil and Gas. The agent is:

Designated agent (name) David Roddy

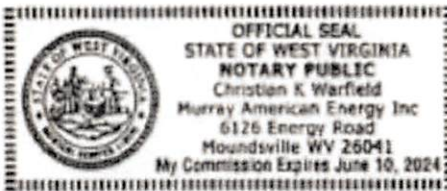
Address: 1 Bridge Street, Monongah, WV 26554

The transferee has bonded the said well by ( check one ):

Securities       Cash       Surety bond       Letter of credit

Identified by:

Amount:	<u>\$50,000</u>	Effective date :	<u>10/5/2020</u>
Issuing authority:	<u>Indemnity National Insurance Company</u>	Id. No:	<u>N-6000917</u>



Transferee: WV Land Resources INC

By: [Signature]

Its: Project Engineer

Taken, subscribed and sworn before me this 13 day of December 2021

Notary Public [Signature]

My Commission Expires 6-10-2024

DATE ADDED 12/16/2021  
2:29 PM



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

---

## Plugging Vertical Well Work Permit 47-051-00558

1 message

---

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

Tue, Jan 4, 2022 at 2:09 PM

To: Jay Hores <jayhores@coalsource.com>, David Roddy <davidroddy@coalsource.com>, "Harris, Bryan O" <bryan.o.harris@wv.gov>, Eric Buzzard <ebuzzard@marshallcountywv.org>

I have attached a copy of the newly issued well permit numbers:

**47-051-00558 - SGW-27**

These will serve as your copy.

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)**

---

### 2 attachments

 **47-051-00558 - Copy.pdf**  
3363K

 **IR-8 Blank.pdf**  
200K

01/07/2022