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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, October 28, 2022  
WELL WORK PLUGGING PERMIT  
Vertical Plugging

DIVERSIFIED PRODUCTION LLC  
101 MCQUISTON DRIVE

JACKSON CENTER, PA 16133

Re: Permit approval for ROWLAND LAND 31  
47-081-01159-00-00

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: ROWLAND LAND 31  
Farm Name: ROWLAND LAND CO.  
U.S. WELL NUMBER: 47-081-01159-00-00  
Vertical Plugging  
Date Issued:

# 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.

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## 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.

4708101159P

WW-4B  
Rev. 2/01

1) Date February 1, 2022  
2) Operator's  
Well No. Rowland Land 31  
3) API Well No. 47-081 - 01159

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 X or Underground storage \_\_\_) Deep \_\_\_ / Shallow X

5) Location: Elevation 2286 feet Watershed Workman Creek of Clear Fork of the Big Coal River  
District Clear Fork County Raleigh Quadrangle Dorothy

6) Well Operator Diversified Production, LLC 7) Designated Agent Charles Shafer  
Address 414 Summers Street Address 414 Summers Street  
Charleston, WV 25301 Charleston, WV 25301

8) Oil and Gas Inspector to be notified 9) Plugging Contractor  
Name Gary Kennedy Name Next LVL Energy  
Address 66 Old Church Lane Address 1951 Pleasantview Ridge Road  
Pipestem, WV 25979 Ravenswood, WV 26164

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

See Attached

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Office of Oil and Gas

OCT 06 2022

WV Department of  
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  Date 10/4/22

10/28/2022

**Plugging Prognosis**

API #: 4708101159

West Virginia, Raleigh Co.

Lat/Long: 37.88207748, -81.37568941

Nearest ER: Raleigh General Emergency Room - 1710 Harper Rd, Beckley, WV 25801

**Casing Schedule:**

9-5/8" @ 20'

7" @ 892' (cemented to Surface with 140 sx of cmt)

4 1/2" @ 3605' (cemented to Surface with 270 sx of cmt)

TD @ 3605'

Completion – 3304'-3311'; 2600'-2608'; 2320'-2327'

Fresh Water: None listed

Salt Water: None listed

Gas Shows: 3304'-3311'; 2600'-2608'; 2320'-2327'

Oil Shows: None listed

Coal: 540'-542'

Elevation: 2309'

1. Notify Inspector Gary Kennedy @ 304-382-8402, 48 hrs prior to commencing operations.
2. Check and record pressures on csg/tbg.
3. Check TD w/ wireline.
4. Run in to depth @ 3311'. Kill well as needed with 6% bentonite gel and fill rat hole with gel. Pump at least 10 bbls gel. Pump 107' C1A cement plug from **3311' to 3204' (Weir Completion plug)** Tag TOC. Top off as needed.
5. TOOH w/ tbg to 3204'. Pump 6% bentonite gel from 3204' to 2608'.
6. TOOH w/ tbg to 2608'. Pump 108' C1A cement plug from **2608' to 2500' (Lower Maxton Completion plug)**
7. TOOH w/ tbg to 2500'. Pump 6% bentonite gel from 2500' to 2327'.
8. TOOH w/ tbg to 2327'. Pump 116' C1A cement plug from **2327' to 2209' (Middle Maxton Completion and elevation plug).**
9. TOOH w/ tbg to 2209'. Pump 6% bentonite gel from 2209' to 942'.
10. TOOH w/ tbg to 942'. Pump 100' C1A cement plug from **942' to 842' (7" csg shoe depth).**
11. TOOH w/ tbg to 842'. Pump 6% bentonite gel from 842' to 592'.
12. TOOH w/ tbg to 592'. Pump 102' C1A cement plug from **592' to 490. (Coal shows plug)**
13. TOOH w/ tbg to 490'. Pump 6% bentonite gel from 490' to 100'.
14. TOOH w/ tbg to 100'. Pump 100' C1A cement plug from **100' to Surface. (Surface plug)**
15. Reclaim location and well road to WV DEP specifications and erect P&A well monument.

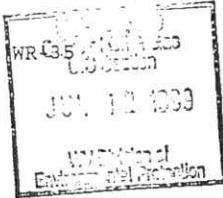

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10/28/2022

4708101159P



10-Dec-98  
API # 47- 81-01159  
Reviewed AS

State of West Virginia  
Division of Environmental Protection  
Section of Oil and Gas  
Well Operator's Report of Well Work

Farm name: ROWLAND LAND CO. Operator Well No.: ROWLAND LAND 31

LOCATION: Elevation: 2,309.00 Quadrangle: DOROTHY

District: CLEAR FORK County: RALEIGH  
Latitude: 12600 Feet South of 37 Deg. 55Min. 0 Sec.  
Longitude 200 Feet West of 81 Deg. 22 Min. 30 Sec.

Company: DOMINION APPALACHIAN DEVE  
P. O. BOX 1248  
JANE LEW, WV 26378-0000

Agent: JOHN T. HASKINS

Inspector: RODNEY DILLON  
Permit Issued: 12/10/98  
Well work Commenced: 5/22/99  
Well work Completed: 6/04/99  
Verbal Plugging  
Permission granted on: \_\_\_\_\_  
Rotary  Cable \_\_\_\_\_ Rig \_\_\_\_\_

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
9 5/8	20'	20'	0
7"	892'	892'	140 sks
4 1/2"	3605'	3605'	270 sks

Total Depth (feet): 3672'  
Fresh water depths (ft) None reported

Salt water depths (ft) None reported

Is coal being mined in area (Y/N)?  
Coal Depths (ft): 350-351, 540-542'

OPEN FLOW DATA

Weir 3304-3311'  
Producing formation Lower Maxton Pay zone depth (ft) 2600-2608'  
Gas: Initial open flow 900 MCF/d Oil: Initial open flow 0 Bbl/d  
Final open flow 1841 MCF/d Final open flow 0 Bbl/d  
Time of open flow between initial and final tests 20 Hours  
Static rock Pressure 440 psig (surface pressure) after 24 Hours

Second producing formation Middle Maxton Pay zone depth (ft) 2320-2327'  
Gas: Initial open flow \* MCF/d Oil: Initial open flow \* Bbl/d  
Final open flow \* MCF/d Final open flow \* Bbl/d  
Time of open flow between initial and final tests \* Hours  
Static rock Pressure \* psig (surface pressure) after \* Hours  
\* Commingled

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

Larry J. Cavallo  
For: DOMINION APPALACHIAN DEVELOPMENT, INC.  
By: Larry J. Cavallo; Manager of Engineering  
Date: 7/7/99

RAI 1159  
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3	STAGE(S) 75Q foam	FRAC	DATE	6/4/99	
ZONES	PERFS	HOLES	BBL	BP	ISIP
Weir	3304-3311	16	390 foam	1743	1424
Lower Maxton	2600-2608	16	291 foam	2794	1385
Middle Maxton	2320-2327	16	352 foam	1462	1027

FORMATION	COLOR	HARD/SOFT	TOP	BOTTOM	REMARKS
OVERBURDEN			0	20	
SHALE			20	30	
SANDSTONE			30	120	
ANDY SHALE			120	290	
SANDSTONE			290	320	
ANDY SHALE			320	350	
COAL			350	351	
ANDY SHALE			351	450	
ANDSTONE			450	520	
ANDY SHALE			520	540	
COAL			540	542	
ANDY SHALE			542	730	
ANDSTONE			730	810	
ANDY SHALE			810	1000	
ANSTONE			1000	1720	
ANDY SHALE			1720	1980	
AVENCLIFF			1980	2020	
ED SHALE			2020	2120	
PPER MAXTON			2120	2320	
ANDY SHALE			2320	2375	
MIDDLE MAXTON			2375	2395	
ANDY SHALE			2395	2430	
ED SHALE			2430	2460	
ANDY SHALE			2460	2490	
SANDSTONE			2490	2580	
ANDY SHALE			2580	2650	
OWER MAXTON			2650	2675	
ANDY SHALE			2675	3130	
IG LIME			3130	3160	
IG INJUN			3160	3270	
ANDY SHALE			3270	3315	
PPER WEIR			3315	3671	
ANDY SHALE				3672 TD	

*Handwritten signature*

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WV Department of  
Environmental Protection  
10/28/2022

4708101159P

WW-4A  
Revised 6-07

1) Date: September 6, 2022  
2) Operator's Well Number  
Rowland Land 31

3) API Well No.: 47 - 081 - 01159

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>Rowland Land Company</u>	Name <u>Republic Energy, LLC</u>
Address <u>405 Capital Street, Suite 609</u>	Address <u>P.O. Box 69</u>
<u>Charleston, WV 25301</u>	<u>Pax, WV 25904</u>
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>Rowland Land Company, LLC</u>
	Address <u>405 Capitol Street, Suite 609</u>
	<u>Charleston, WV 25301</u>
(c) Name _____	Name _____
Address _____	Address _____
6) Inspector <u>Gary Kennedy</u>	(c) Coal Lessee with Declaration
Address <u>66 Old Church Road</u>	Name <u>Black King Mine Development Company</u>
<u>Pipestem, WV 25979</u>	Address <u>P.O. Box 261</u>
Telephone <u>304-382-8402</u>	<u>Julian, WV 25529</u>

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

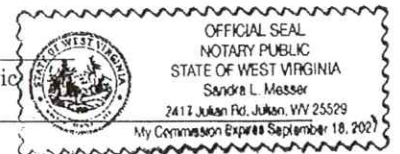
- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form WW-6.

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 Diversified Production, LLC  
 By: Austin Suller *Austin Suller*  
 Its: Asset Retirement Manager  
 Address 414 Summers Strret  
Charleston, WV 25301  
 Telephone 304-419-2562

Subscribed and sworn before me this 8th day of September 2022  
Sandra L. Messer Notary Public  
 My Commission Expires September 18, 2027



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).

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WV Department of Environmental Protection  
Enr 10/28/2022

Rowland Land 47 08 10 11 59 P  
47-081-01159

7020 3160 0000 1694 9176

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Extra Services & Fees (check box, add fees as appropriate)	\$3.25	03
<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	\$1.92	
<b>Total</b>	<b>\$9.17</b>	

Rowland Land 16 & 31 09/08/2022

Republic Energy, LLC  
P.O. Box 69  
Pax, WV 25904

PS Instructions

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Julian, WV 25529

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Extra Services & Fees (check box, add fees as appropriate)	\$3.25	03
<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	\$1.92	
<b>Total</b>	<b>\$9.17</b>	

Rowland Land 16 & 31 09/08/2022

Black King Mine Development Co.  
P.O. Box 261  
Julian, WV 25529

PS F Instructions

7020 3160 0000 1694 9183

7020 3160 0000 1694 9169

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Extra Services & Fees (check box, add fees as appropriate)	\$3.25	03
<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	\$2.16	
<b>Total</b>	<b>\$9.41</b>	

Rowland Land 16 & 31 09/08/2022

Rowland Land Company  
405 Capital Street, Suite 609  
Charleston, WV 25301

PS Instructions

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SEP 9 2022

WV Dept. of  
Environmental

10/28/2022



WW-4B

47 0 8 1 0 1 1 5 9 P

API No.	47-081-01159
Farm Name	Rowland Land Company
Well No.	Rowland Land 31

**INSTRUCTIONS TO COAL OPERATORS  
OWNERS AND LESSEE**

The well operator named on the obverse side of WW-4 (B) is about to abandon the well described in the enclosed materials and will commence the work of plugging and abandoning said well on the date the inspector is notified. Which date shall not be less than five days after the day on which this notice and application so mailed is received, or in due course should be received by the Department of Environmental Protection Office of Oil & Gas.

This notice and application is given to 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 the operator will proceed to plug and fill said well in the manner required by Section 24, Article 6, Chapter 22 of the Code and given in detail on obverse side of this application.

NOTE: If you wish this well to be plugged according to 22-6-24(d) then as per Regulation 35CSR4-13.9 you must complete and return to this office on form OB-16 "Request by Coal Operator, Owner, or Lessee for plugging" prior to the issuance of this plugging permit.

**WAIVER**

The undersigned coal operator X / owner \_\_\_\_\_ / lessee \_\_\_\_\_ / of the coal under this well location has examined this proposed plugging work order. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: 9/29/22

By: Republic Energy, LLC  
Timothy R. McGrady  
 Its Authorized Agent

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WV Department of  
Environmental Protection

10/28/2022

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WW-4B

API No. 47-081-01159  
Farm Name Rowland Land Company  
Well No. Rowland Land 31

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OWNERS AND LESSEE**

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Date: 9/29/2022

[Signature]  
By: JAMES A. COPPUCCI  
Its Black President  
Black King Mine Development Co.

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OCT 06 2022  
WV Department of  
Environmental Protection

10/28/2022

4708101159P

WW-9  
(5/16)

API Number 47 - 081 - 01159  
Operator's Well No. Rowland Land 31

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

Operator Name Diversified Production, LLC OP Code 494524121

Watershed (HUC 10) Workman Creek of Clear Fork of the Big Coal River Quadrangle Dorothy

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: Produced fluid and cement returns

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 Twin Branch - 2D 04701511002 )
- Reuse (at API Number \_\_\_\_\_)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain \_\_\_\_\_)

Will closed loop system be used? If so, describe: N/A

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. N/A

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

Additives to be used in drilling medium? N/A

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) 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 Austin Suttler

Company Official (Typed Name) Austin Suttler

Company Official Title Asset Retirement Manager

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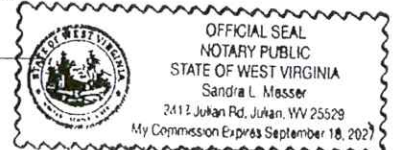
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WV Department of  
Environmental Protection

Subscribed and sworn before me this 8th day of September, 2022

Sandra L. Messer Notary Public

My commission expires Sept. 18, 2027



10/28/2022

Proposed Revegetation Treatment: Acres Disturbed 1 +/- Prevegetation pH \_\_\_\_\_

Lime 3 Tons/acre or to correct to pH 6.05

Fertilizer type \_\_\_\_\_ 10-20-20 or equivalent

Fertilizer amount \_\_\_\_\_ lbs/acre

Mulch 2 Tons/acre

Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
Red Fescue	40	Red Fescue	15
Alsike	5	Alsike Clover	5
Annual Rye	15		

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: *Shy Krueger*

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

Title: *Inspector*

Date: *10/4/22*

Field Reviewed? ( ) Yes ( ) No

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Environmental Protection

10/28/2022

WW-7  
8-30-06



West Virginia Department of Environmental Protection  
Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 47-081-01159 WELL NO.: 31

FARM NAME: Rowland Land Co

RESPONSIBLE PARTY NAME: Diversified Production LLC

COUNTY: Raleigh DISTRICT: Clear Fork

QUADRANGLE: Dorothy

SURFACE OWNER: Rowland Land Co

ROYALTY OWNER: Rowland Land Co

UTM GPS NORTHING: 4192808.33

UTM GPS EASTING: 466978.46 GPS ELEVATION: 2286'

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 X: Post Processed Differential X

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.

Justin Suttler  
Digitally signed by Austin Suttler  
Date: 2022.09.02 13:13:23  
-04'00'  
Signature

Asset Retirement Manager  
Title

9/2/2022  
Date

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Office of Oil and Gas

OCT 06 2022

WV Department of  
Environmental Protection

10/28/2022



**DIVERSIFIED**  
energy  
100 Diversified Way  
Pikeville KY, 41051

47-081-01159

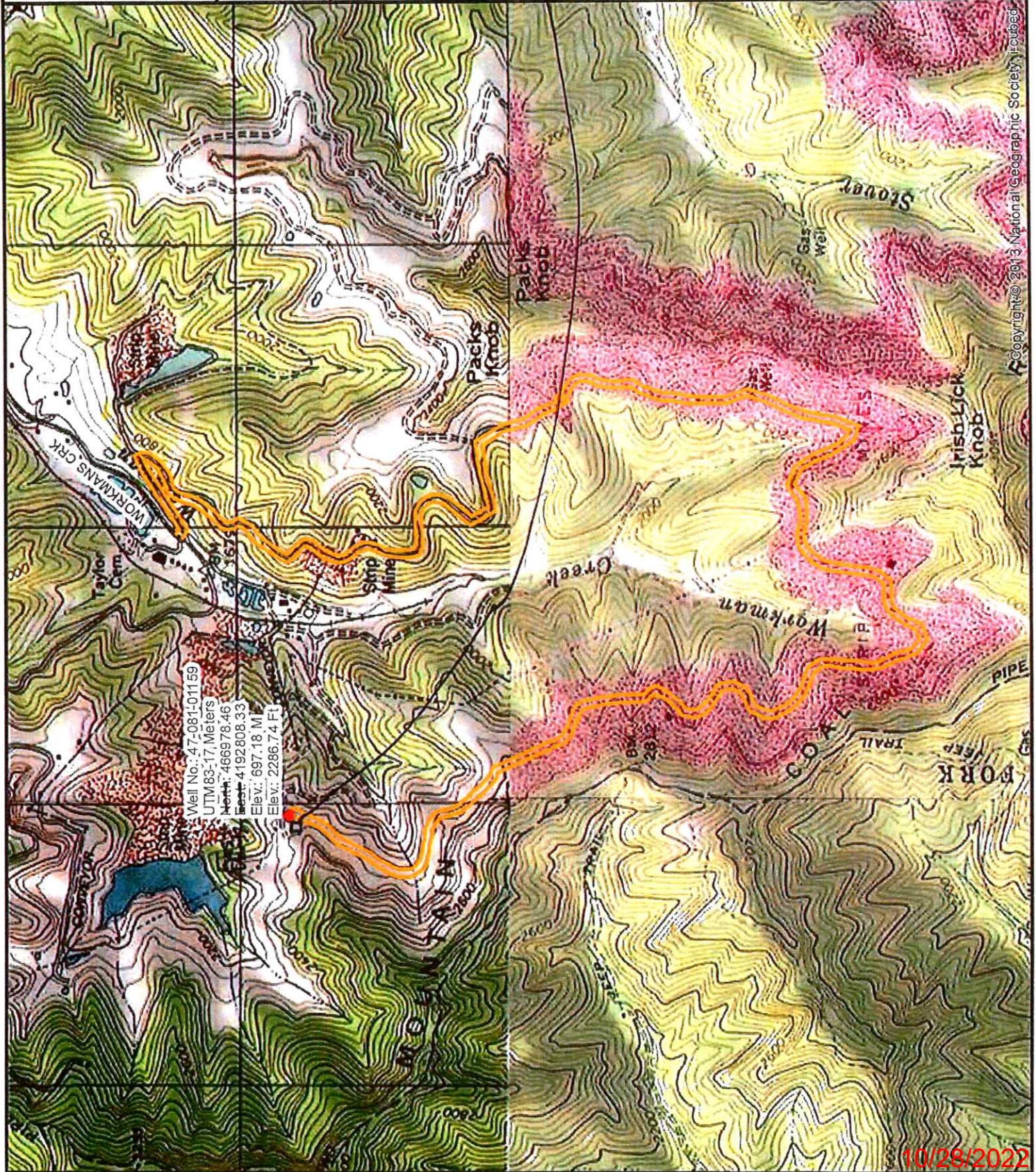
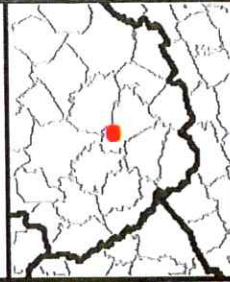
Plugging Map

*Handwritten signature*

**Legend**

- Well
- Access Road
- Pits
- Pad
- Public Roads

*Handwritten notes:*  
 1 P.F.  
 10' W  
 20' L  
 8' D  
 285 bbl



Well No.: 47-081-01159  
 UTM83-17 Meters  
 North: 466978.46  
 East: 4192808.33  
 Elev.: 697.18 M  
 Elev.: 2286.74 Ft

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energy

4708101159P

To Whom it May Concern,

Attached is an amendment that has been submitted to Chief of the office of oil and gas of the West Virginia Department of Environmental Protection. The subject well is listed within the letter to the Chief.

Thank You.

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9/16/2022

James Martin  
Office of Oil and Gas  
601 57<sup>th</sup> Street, SE  
Charleston, WV 25304  
(304)926-0450

Mr. Martin,

Due to our cement provider, LaFarge Holcem, discontinuing the manufacturing of Class A cement, DGOC will be utilizing Class L cement to plug the following well:

4708101159 Rowland Land 31

Attached is the approved variance order for use of Class L cement.

Sincerely,

Austin Sutler  
Asset Retirement Manager

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west virginia department of environmental protection

Office of Oil and Gas  
601 57<sup>th</sup> Street, SE  
Charleston, WV 25304  
Phone (304) 926-0450

Harold D. Ward, Cabinet Secretary  
dep.wv.gov

**BEFORE THE OFFICE OF OIL AND GAS  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
STATE OF WEST VIRGINIA**

**IN THE MATTER OF A VARIANCE FROM )  
LEGISLATIVE RULE 35CSR4 )  
SECTION 14.1. AND LEGISLATIVE RULE )  
35CSR8 SECTION 20.1, )  
RELATING TO THE CEMENTING )  
OF OIL AND GAS WELLS )**

**ORDER NO. 2022-13**

**REPORT OF THE OFFICE**

In response to industry requests, the West Virginia Department of Environmental Protection, Office of Oil and Gas has reviewed the proposed use of American Petroleum Institute (API) Class L cement to be used in place of API Class A cement for well plugging.

**FINDINGS OF FACT**

1. On July 28, 2022, Diversified Gas & Oil Co. (DGO) submitted a variance request from Legislative Rule 35CSR4 for the use of API Class L cement in place of API Class A cement, relating to the plugging of conventional wells.
2. Laboratory analysis submitted by DGO on July 28, 2022, indicates API Class L cement is comparable to API Class A cement and thereby satisfies the requirements of the West Virginia Code.
3. Contemporaneously, the Chief of the Office of Oil and Gas also chose to consider a variance to Legislative Rule 35CSR8 Section 20.1., for the use of API Class L cement in place of API Class A cement, relating to the plugging of horizontal wells.

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- 4. On August 18, 2022, the Office of Oil and Gas provided public notice of acceptance of public comments on the variance consideration. During the 20-day public comment period, no comments were received.

**CONCLUSIONS OF LAW**

Pursuant to Article 6 and Article 6A, Chapter 22 of the Code of West Virginia, the Office of Oil and Gas has jurisdiction over the subject matter, and the persons interested therein, and jurisdiction to promulgate the hereinafter prescribed Order.

Pursuant to Legislative Rule 35CSR4, Section 18 and Legislative Rule 35CSR8, Section 14, the Chief of the Office of Oil and Gas may grant a variance from any requirement of these rules.

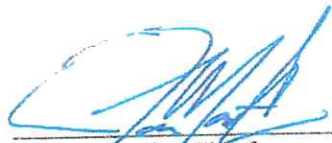
**ORDER**

It is ordered that the Class L cement product approved and monogramed by API is approved for use in place of API Class A cement for well plugging subject to the provisions of Legislative Rule 35CSR4 and Legislative Rule 35CSR8.

Dated this, the 13th day of September, 2022.

IN THE NAME OF THE STATE OF WEST VIRGINIA

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



James Martin, Chief  
Office of Oil and Gas

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<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00
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<b>Total</b>	<b>\$7.85</b>

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Sent Rowland land Company  
 Street 405 Capitol Street, Suite 609  
 City, Charleston, WV 25301

PS Form 3800, April 2019

47-081-01159

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<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00
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<b>Total</b>	<b>\$7.85</b>

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 Street P.O. Box 261  
 City, Julian, WV 25529

PS Form 3800, April 2019

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<input type="checkbox"/> Adult Signature Required	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00
Postage	\$0.60
<b>Total</b>	<b>\$7.85</b>

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Sent Republic Energy, LLC  
 Street P.O. Box 69  
 City, Pax, WV 25904

PS Form 3800, April 2019

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SEP 21 2022  
WV Department of Environmental Protection

10/28/2022



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

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## plugging permits issued for 4708101159, 08101128

1 message

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

Fri, Oct 28, 2022 at 2:25 PM

To: Gary L Kennedy <gary.l.kennedy@wv.gov>, Austin Sutler <asutler@dgoc.com>, Phyllis Copley <pcopley@dgoc.com>, raleigh@wvassessor.com


To whom it may concern, plugging permits have been issued for 4708101159, 08101128.


James Kennedy


WVDEP OOG


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### 4 attachments

 **4708101159.pdf**  
3524K

 **4708101128.pdf**  
3617K

 **IR-8 4708101159.pdf**  
12K

 **IR-8 4708101128 .pdf**  
12K

10/28/2022