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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 3, 2023  
WELL WORK PLUGGING PERMIT  
Vertical Plugging

DIVERSIFIED PRODUCTION LLC  
101 MCQUISTON DRIVE

JACKSON CENTER, PA 16133

Re: Permit approval for 1868  
47-005-01203-00-00

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

A blue ink signature of James A. Martin, Chief, is written over the text of his name and title.

Operator's Well Number:  
Farm Name: HORSE CK. COAL LD.  
U.S. WELL NUMBER: 47-005-01203-00-00  
Vertical Plugging  
Date Issued: 1/3/2023

# 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.

4700501203

WW-4B  
Rev. 2/01

1) Date November 30, 2022  
2) Operator's  
Well No. 801868  
3) API Well No. 47 005 01203

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 1308.08 feet Watershed Big Horse Creek  
District Scott County Boone Quadrangle Mud

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 Terry Urban Name R & J Well Services  
Address P.O. Box 1207 Address P.O. Box 40  
Clendenin, WV 25045 Hueysville, KY 41640-0040

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

DEC 05 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 12.2.22

01/06/2023

# Plugging Prognosis

4700501203

API #: 4700501203

West Virginia, Boone Co.

Lat/Long: 38.11803, -81.90967

Nearest ER: CAMC Memorial Hospital 3200 MacCorkle Ave SE, Charleston, WV 25304

## Casing Schedule:

Conductor @ 13'

8-1/4" @ 560' (cement but no volume record)

6-5/8" @ 1930' (set on 6-5/8"x8-1/4"x10 B.H. Packer)

3" tbg @ 2635' (3x5-3/16x16 anchor packer set at 2467')

TD @ 2618'

*Operator to pull all free pipe*

Completion: 2569'; 2602'

Fresh Water: 80'; 1020'; 1080' ?

Salt Water: None listed ?

Gas Shows: 2015'; 2569'-2579'

Oil Shows: None listed

Coal: 190'-193'; 482'-485'; 540'-544'

Elevation: 1303'

*Operator to core with cement all  
Oil & Gas production including Salt, Elevation  
Coals & Freshwater*

1. Notify Inspector Terry Urban @ 304-549-5915, 48 hrs prior to commencing operations.
2. Check and record pressures on csg/tbg.
3. Release packer, pull and lay down tbg.
4. Check TD and run CBL on 6-5/8" csg.
5. Run in to depth @ 2602'. Kill well as needed with 6% bentonite gel and fill rat hole. Pump at least 10 bbls gel. Pump 133' C1A/Class L cement plug from **2602' to 2469' (perforations plug)**. Tag TOC. Pump plugs in stages as needed. Top off as needed.
6. TOOH w/ tbg to 2469'. Pump 6% bentonite gel from 2469' to 2015'.
7. Attempt to release packer and pull 6-5/8" csg and lay down. If packer will release, RIH and set 100' C1A/Class L cement plug from **2015'-1915' (gas show plug)**.
8. If packer will not release, free point 6-5/8" csg. Cut and TOOH. RIH and set 135' C1A/Class L cement plug across bottom of 6-5/8" csg from **2015' to 1880' (gas show and 6-5/8" csg plug)**. Then, set **100' C1A/Class L cement plug across csg cut. 50' in/out of cut. Do not omit any plugs listed below. Perforate as needed.**
9. TOOH w/ tbg to above cut plug. Pump 6% bentonite gel from above cut plug to 1303'.
10. TOOH w/ tbg to 1303', pump 100' C1A/Class L cement plug from **1303' to 1203' (elevation plug)**.
11. TOOH w/ tbg to 1203'. Pump 6% bentonite gel from 1203' to 1080'.
12. TOOH w/ tbg to 1080', pump 120' C1A/Class L cement plug from **1080' to 960' (freshwater plug)**.
13. TOOH w/ tbg to 960'. Pump 6% bentonite gel from 960' to 610'.
14. TOOH w/ tbg to 610', pump 178' C1A/Class L cement plug from **610' to 432' (8-1/4" csg show and coal seams plug)**.
15. TOOH w/ tbg to 432'. Pump 6% bentonite gel from 432' to 243'.
16. Free point 8-1/4" csg, pull and lay down csg. Set 100' C1A/Class L cement plug across csg cut. 50' in/out of cut. **Do not omit any plugs listed below. Perforate as needed.**
17. TOOH w/ tbg to 243', pump 243' C1A/Class L cement plug from **243' to surface (freshwater, coal seams and surface plug)**.
18. Reclaim location and well road to WV DEP specifications and erect P&A well monument.

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*Henry White 12-2-22*

01/06/2023

4700501203

FORM U-47

UNITED FUEL GAS COMPANY  
(INCORPORATED)

005-1203  
APR 25 1934

SERIAL WELL NO. 1868

LEASE NO. 3772

MAP SQUARE 46-43

RECORD OF WELL No. 30 on the Horse Creek Coal & Land Co. 10300 Acres in Scott District Boone County Kanawha Field, State of W. Va.		CASING AND TUBING SIZE USED IN DRILLING LEFT IN WELL 10 13 10 8 1-4 560 560 6 5-8 1930 1930 5 3-10 4 7-8 4 3 2			TEST BEFORE SHOT 10 of Water in 2" in 10th of Merc. in 10th Volume 150.720 TEST AFTER SHOT 52 of Water in 2" in 10th of Merc. in 10th Volume Back Pressure 520# Date shut 3-28-28 Size of Turbine 30 lbs Oil Flowed... bbls. 1st 24 h Oil Pumped... bbls. 1st 24 h	
Rig Commenced 1928 Rig Completed 1928 Drilling Commenced January 24, 1928 Drilling Completed April 8, 1928 Drilling to cost per foot Contractor is: E. R. Cameron Address: Box 1460 Charleston, W. Va. Drillers' Names: Paul Hamilton C. H. Morgan		SHUT IN Date 4-7-28 Tubing of 3" in Size of Packer 3x5 3/16x16 Kind of Packer Anchor Set 2487' Steel Line r 1st Perf. Set 16' from B.H. 1910 6 5/8 Cu. 2nd Perf. Set 49' from B.H. 1979 Reduced 2618 Total De 2458 top of sl				

Elevation 1303.4

PACKER SET RECORD 151'

where tubing packer  
REMARKS

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Soil	00	13	13	Conductor 13 Ft.
Slate	13	55	42	
Sand	55	95	40	
Slate	95	135	40	2 Bailers Water an Hr. at 80 Ft.
Sand	135	180	45	
Slate	180	190	10	5 Bailers Water an Hr. at 1020'
Coal	190	193	3	
Slate	193	205	12	Hole Full Water 1080 Ft.
Sand	205	225	20	
Slate	225	235	10	Show of Gas 2015 Ft. -Big Lime
Lime	235	245	10	No test
Slate	245	325	80	Packer set at 2467 Ft.
Sand	325	380	55	
Slate	380	390	10	Last Test 6/10W3" When tubed
Lime	390	420	30	Gas 8/10 water 2" 2569-2575
Sand	420	482	62	" 10/10 " 2" 2574-2579
Coal	482	485	3	8 1/2 Casing on steel shoe Cemented
Slate	485	540	55	6 5/8" Casing on 6 5/8x8 1/2x10 B.H
Coal	540	544	4	Packer
Lime	544	580	36	L.C.M. Steel Rig #44 used.
Sand	580	665	85	Steel line run at 1910-1979-2618
Slate	665	695	30	and 2458.
Sand	695	710	15	
Slate	710	715	5	
Sand	715	726	11	
Slate	726	770	44	
Lime	770	815	45	

APPROVED  
SUPT

APPROVED: Roy 1203  
Jay Snot

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WV Department of Environmental Protection

01/06/2023

SERIAL WELL NO. 1868 -2- LEASE NO. MAP SQUARE

RECORD OF WELL No. 1868 on the Name of Acres in Boone County Field, State of W. Va.		CASING AND TUBING			TEST BEFORE SHOT	
		SIZE	USED IN DRILLING	LEFT IN WELL	10lbs of Water in..... lbs 10lbs of Merc. in..... lbs 10lbs Volume..... Cu. f	
		10			TEST AFTER SHOT	
		13			10lbs of Water in..... lbs 10lbs of Merc. in..... lbs 10lbs Volume..... Cu. f	
		10			Rock Pressure.....	
		8 1-4			Date Mhd.....	
		6 5-8			Size of Torpedo.....	
		5 3-10			Oil Flowed..... lbs. 1st 24 hr Oil Pumped..... lbs. 1st 24 hr	
		4 7-8			Well abandoned and Plugged..... 10.....	
		4				
		3				
		2				
		SHUT IN				
		Date.....				
		Tubing or Casing..... in				
		Size of Packer.....				
		Kind of Packer.....				
		1st Perf. Sol..... from.....				
		2nd Perf. Sol..... from.....				
Rig Commenced 102 Rig Completed 102 Drilling Commenced 102 Drilling Completed 102 Drilling to cost per foot Contractor is: E. R. Cameron Address: Drillers' Names						

DRILLER'S RECORD

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Sand	815	850	35	
Slate	850	858	8	
Sand	858	875	17	
Slate	875	946	71	
Sand	946	995	49	
Slate	995	999	4	
Sand	999	1010	11	
Slate	1010	1015	5	
Sand	1015	1035	20	
Lime	1035	1165	130	
Slate	1165	1170	5	
Sand	1170	1200	30	
Slate	1200	1205	5	
Lime	1205	1435	230	
Slate	1435	1440	5	
Lime	1440	1540	100	
Sand	1540	1705	165	
Red Rock	1705	1715	10	
Slate	1715	1725	10	
Lime	1725	1790	65	
Red Rock	1790	1795	5	
Lime Shells	1795	1820	25	
Little Lime	1820	1855	35	
Slate	1855	1865	10	
Lime	1865	1875	10	
Pencil Cave	1875	1879	4	
Big Lime	1879	2095	216	

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Boo 1203

4700501203

UNITED FUEL GAS COMPANY  
(INCORPORATED)

SERIAL WELL NO. -3-1868 LEASE NO. \_\_\_\_\_ MAP SQUARE \_\_\_\_\_

RECORD OF WELL No. 1868 on the Farm of Aurore in District Boone County Field, State of W. Va.		CASINGS AND TUBING			TEST BEFORE SHOT	
		SIZE	USED IN DRILLING	LEFT IN WELL	_____ of Water in _____ Inch 10lbs _____ of Merc. in _____ Inch 10lbs _____ Volume _____ Cu. ft.	
		10			TEST AFTER SHOT	
		13			_____ of Water in _____ Inch 10lbs _____ of Merc. in _____ Inch 10lbs _____ Volume _____ Cu. ft.	
		10			Rock Pressure _____	
		8 1-4			Date Shot _____	
		6 5-8			Size of Torpedo _____	
		5 3-10			Oil Flowed _____ bbls. 1st 24 hrs.	
		4 7-8			Oil Pumped _____ bbls. 1st 24 hrs.	
		4			Well abandoned and Plugged _____ 10 _____	
		3				
		2				
		SHUT IN				
		Date _____				
		_____ in _____ Tubing or Casing				
		Size of Packer _____				
		Kind of Packer _____				
		1st Perf. Set _____ from _____				
		2nd Perf. Set _____ from _____				
Rig Commenced 102 Rig Completed 102 Drilling Commenced 102 Drilling Completed 102 Drilling to cost _____ per foot Contractor is: E. R. Cameron Address: Drillers' Names						

DRILLER'S RECORD

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
gine Sand	2085	2125	30	
me Shells	2125	2375	250	
ate	2375	2458	83	
me	2458	2480	22	
ells	2480	2551	71	
own Shale	2551	2569	18	
rea Sand	2569	2596	27	
me	2596	2618	22	
TAL DEPTH			2618	

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Boo 1203

01/06/2023

4700501203

WW-4A  
Revised 6-07

1) Date: November 30, 2022  
2) Operator's Well Number  
801868

3) API Well No.: 47 - 005 - 01203

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

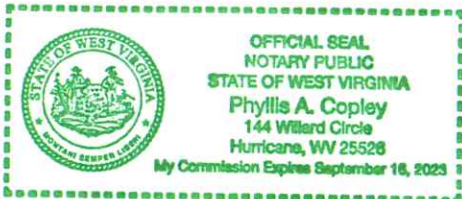
4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>Horse Creek Coal Land</u>	Name <u>ERP Environmental Fund Inc. Attention Barry Doss</u>
Address <u>4020 Green Mount Crossing</u>	Address <u>202 School Drive</u>
<u>Shilo, Illinois 62269</u>	<u>Shrewsbury, WV 25015</u>
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>Horse Creek Coal Land</u>
	Address <u>4020 Green Mount Crossing</u>
	<u>Shilo, Illinois 62269</u>
(c) Name _____	Name _____
Address _____	Address _____
6) Inspector <u>Terry Urban</u>	(c) Coal Lessee with Declaration
Address <u>P.O. Box 1207</u>	Name <u>ERP Environmental Fund Inc.</u>
<u>Clendenin, WV 25045</u>	Address <u>202 School Drive</u>
Telephone <u>304-549-5915</u>	<u>Shrewsbury, WV 25015</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 Suttler  
 Its: Plugging Manager  
 Address 414 Summers Street  
Charleston, WV 25301  
 Telephone 304-419-2562

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Office of Oil and Gas

DEC 05 2022

WV Department of  
Environmental Protection

Subscribed and sworn before me this 30th day of November, 2022  
Phyllis A. Copley Notary Public

My Commission Expires September 16, 2023

Oil and Gas Privacy Notice

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

01/06/2023



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7022 1670 0001 8750 5795

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Adult Signature Restricted Delivery \$

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\$

Total P  
\$

**Well 801868 47-005-01203**

Sent To ERP Environmental Fund, Inc.  
Attention: Barry Doss  
Street 202 School Drive  
City, State Shewsbury, WV 25015

PS Form Instructions

*Postmark Here*

*HAMLIN POST OFFICE  
HAMLIN WV  
NOV 30 2022  
25523-1USPS*

7022 1670 0001 8750 5801

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Return Receipt (electronic) \$

Certified Mail Restricted Delivery \$

Adult Signature Required \$

Adult Signature Restricted Delivery \$

Postage  
\$

Total  
\$

**Well 801868 47-005-01203**

Sent To Horse Creek Coal Land  
Street 4020 Green Mount Crossing  
City, State Shilo, Illinois 62269

PS Form Instructions

*Postmark Here*

*HAMLIN POST OFFICE  
HAMLIN WV  
NOV 30 2022  
25523-1USPS*

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4700501203

WW-9  
(5/16)

API Number 47 - 005 - 01203  
Operator's Well No. 801868

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) Big Horse Creek Quadrangle Mud

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 2D03902327002 )
- 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

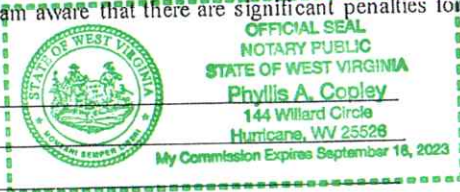
-Landfill or offsite name/permit number? N/A

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 Plugging Manager



Subscribed and sworn before me this 30th day of November, 2022

*Phyllis A. Copley* Notary Public

My commission expires September 16, 2023

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

Lime 3 Tons/acre or to correct to pH 6.5

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: [Signature]
Comments:

Title: Inspection of GAS Date: 12-1-22

Field Reviewed? (X) Yes ( ) No

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WW-7  
8-30-06



West Virginia Department of Environmental Protection  
Office of Oil and Gas  
**WELL LOCATION FORM: GPS**

API: 47-005-01203 WELL NO.: 801868

FARM NAME: HORSE CREEK COAL LD

RESPONSIBLE PARTY NAME: Diversified Production LLC

COUNTY: Boone DISTRICT: Scott

QUADRANGLE: Mud

SURFACE OWNER: HORSE CREEK COAL LD CO

ROYALTY OWNER: Horse Creek Coal

UTM GPS NORTHING: 4219301.81

UTM GPS EASTING: 420262.23 GPS ELEVATION: 1308.08'

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.

Austin Suttler  
Digitally signed by Austin Suttler  
Date: 2022.07.20 10:50:12 -04'00'  
Signature

Plugging Manager  
Title

7/19/2022  
Date

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Environmental Protection

01/06/2023



**DIVERSIFIED**  
energy

100 Diversified Way  
Pikeville KY, 41051

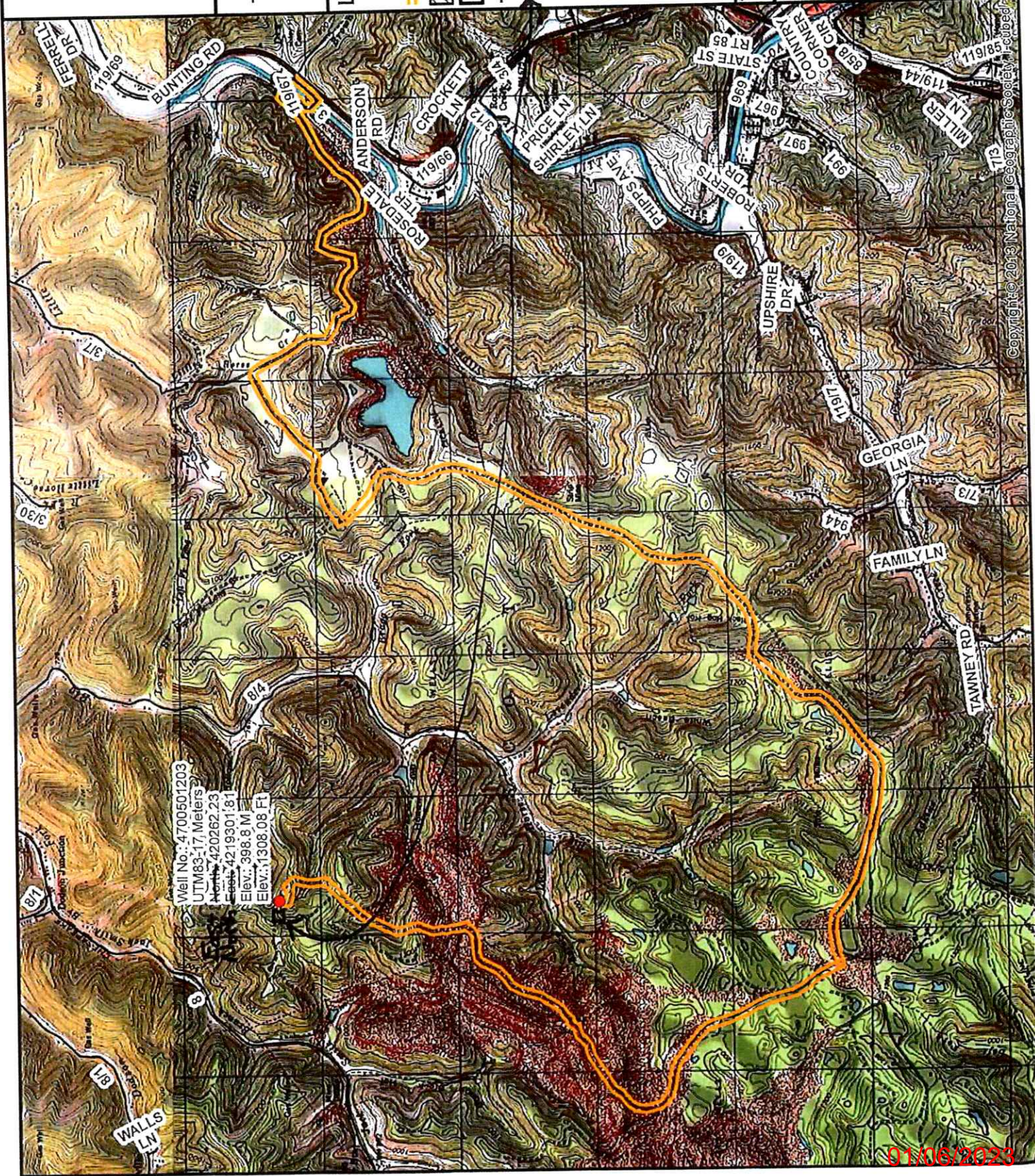
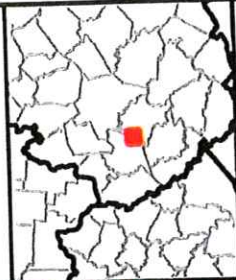
47-005-01203

Plugging Map

**Legend**

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

1 Pit  
 10' W  
 20' L  
 8' D  
 285 bbl



Well No.: 4700501203  
 UTM83-17, Meters  
 North: 420262.23  
 East: 4219301.81  
 Elev.: 398.8 M  
 Elev.: 1308.08 Ft

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energy

47 0 0 5 0 1 2 0 3

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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WV Department of  
Environmental Protection

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11/30/2022

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:

47-005-01203                      Horse Creek Coal LD 9                      Well 801868

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 ) ORDER NO. 2022-13  
SECTION 14.1. AND LEGISLATIVE RULE )  
35CSR8 SECTION 20.1, )  
RELATING TO THE CEMENTING )  
OF OIL AND GAS WELLS )**

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

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## plugging permits issued 4700501203 00500572

1 message

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

Tue, Jan 3, 2023 at 1:37 PM


To: Terry W Urban <terry.w.urban@wv.gov>, Austin Sutler <asutler@dgoc.com>, Phyllis Copley <pcopley@dgoc.com>, scook@wvassessor.com, pwhite@boonecountywv.net


To whom it may concern, plugging permits have been issued for 4700501203 00500572.


James Kennedy  
WVDEP OOG


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### 4 attachments

 **4700500572.pdf**  
2995K

 **ir-8 4700500572.pdf**  
120K

 **4700501203.pdf**  
2750K

 **ir-8 4700501203.pdf**  
120K

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