



west virginia department of environmental protection

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

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

Monday, October 17, 2022
WELL WORK PLUGGING PERMIT
Vertical Plugging

DIVERSIFIED PRODUCTION LLC
101 MCQUISTON DRIVE

JACKSON CENTER, PA 16133

Re: Permit approval for 2564
47-039-03111-00-00

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: 2564
Farm Name: ARK LAND COMPANY
U.S. WELL NUMBER: 47-039-03111-00-00
Vertical Plugging
Date Issued: 10/17/2022

Promoting a healthy environment.

10/21/2022

PERMIT CONDITIONS 47 03903111 P

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

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 July 20, 2022
2) Operator's
Well No. 802564
3) API Well No. 47 039 03111

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

4703903111P

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 981.86 feet Watershed Witcher Creek
District Cabin Creek County Kanawha Quadrangle Quick

6) Well Operator Diversified Production, LLC 7) Designated Agent Austin Sutler
Address 414 Summers Street Address P.O. Box 381087
Charleston, WV 25301 Birmingham, AL 35238

8) Oil and Gas Inspector to be notified 9) Plugging Contractor
Name Terry Urban Name Next LVL Rig (Diversified owned)
Address P.O. Box 1207 Address 1951 Pleasantview Ridge Road
Clendenin, WV 25045 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
JUL 25 2022
WV Department of
Environmental Protection

SEE Prog Page

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

Work order approved by inspector *[Signature]* Date 7-22-22

10/21/2022

Plugging Prognosis

API #: 4703903111

West Virginia, Kanawha Co.

Lat/Long: 38.25829, -81.48116

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

4703903111P

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Casing Schedule:

10" @ 416' (no cement record)

6-5/8" @ 1542' (Run on 6-5/8"x8-1/4"x10 OWSBH Packer)

3" tbg @ 2032' (3x5-3/16x16 OWS Anchor packer set from 1775'-1778')

TD @ 2014'

TO Be pulled if possible

Completion: Perfs @ 1864'-1885'; 1998'-2008'

Fresh Water: 130'; 298'

Salt Water: 914'

Gas Shows: 1787'-1791'; 1850-1852'; 1862'-1869'; 1898'-1904'; 1955'-1960'

Oil Shows: 1787'-1791'

Coal: 94'-98'; 156'-160'; 216'-220'; 268'-272'; 293'-298'

Elevation: 977.4'

All to be covered
with cement
Cover with Cement

1. Notify Inspector Terry Urban @ 304-549-5915, 48 hrs prior to commencing operations.
2. Check and record pressures on csg/tbg.
3. Pull tbg and packer and lay down.
4. Check TD w/ wireline.
5. Run in to depth @ 2008'. Kill well as needed with 6% bentonite gel and fill rat hole. Pump at least 10 bbls gel. Pump 321' C1A/Class L cement plug from **2008' to 1687' (perforations and oil/gas shows plug)**. Tag TOC. Top off as needed.
6. TOOH w/ tbg to 1687'. Pump 6% bentonite gel from 1687' to 1,240'.
7. Pull 6-5/8" Csg and lay down. If packer will not unset, pump 100' C1A/Class L cement plug from **1492' to 1592' (6-5/8" csg shoe plug)**
8. Free point 6-5/8" csg. Cut and TOOH. Set 100' C1A cement plug across csg cut. 50' in/out of cut. Pump 6% bentonite gel up to 977'. **Do not omit any plugs listed below. Perforate as needed.**
9. TOOH w/ tbg to 977'. Pump 100' C1A/Class L cement plug from **977' to 814' (elevation and saltwater plug)**.
10. TOOH w/ tbg to 814'. Pump 6% bentonite gel from 814' to 466'.
11. TOOH w/ tbg to 466'. Pump 100' C1A cement plug from **466' to 366' (10" csg shoe plug)**.
12. Free point 10" csg. Cut and TOOH. Set 100' C1A cement plug across csg cut. 50' in/out of cut. **Do not omit any plugs listed below. Perforate as needed.**
13. TOOH w/ tbg to 366'. Pump 366' C1A cement plug from **366' to Surface (coal, freshwater, and surface plug)**.
14. Reclaim location and well road to WV DEP specifications and erect P&A well monument.

Operator to cover with cement all O.G. logs
bearing formation including Salt, Elevation, Coal, &
Freshwater
Ayes M... 7-22-22 10/21/2022

UNITED FUEL GAS COMPANY
(INCORPORATED)

Serial Well No. 2564

Lease No. 9279

Map Square 70--53

ENTERED ACCT. APR 2 1922

RECORD OF WELL No. 2564 on the
Sunday Creek Coal & Land Co. 13392 Acres
in Cabin Creek District
Kanawha County
Kanawha Field, State of W.Va.

Rig Commenced 192
Rig Completed 192
Drilling Commenced 2-5-29 192
Drilling Completed 4-2-29 192
Drilling to cost \$2.25 per foot
Contractor is: Howard Gilger
Address: Charleston W.Va.

Drillers' Names: Jeff Robinson
Lee Troutman

Size	Used in Drilling	Left in Well
10		
13		
10	416	416
8 1/4	1298	
6 5/8	1542	1542
5 1/2-16		
4 7/8		
4		
3		
2		

CASING AND TUBING 4703903111P
TEST BEFORE SHOT
of Water in inch
38ths of Merc. in. 2 inch
10ths
Volume 1,039,680 Cu. ft.

TEST AFTER SHOT
of Water in inch
10ths of Merc. in. inch
10ths
Volume Cu. ft.
Rock pressure 220 #

Date shut 2032
Size of Torpedo
Oil Flowed bbls. 1st 24 hrs.
Oil Pumped bbls. 1st 24 hrs.

SHUT IN
Date 4-2-29
Tubing or
Size of Packer 3x5 3/16x16
Kind of Packer O.W.S. Anchor

Well abandoned and
Plugged

Short 1st Perf. Set 1998 to 2008
Long 2nd Perf. Set 1864 from 1885
Packer set from 1775 to 1778

9730 Geol. Dept.
9747L Geol. Dept.

DRILLER'S RECORD

Formation	Top	Bottom	Thickness	Remarks
Surface	0	5	5	
Sand	5	30	25	
Slate	30	40	10	
Sand	40	50	10	
Slate	50	60	10	
Sand Black	60	70	10	
Slate	70	85	15	
Lime Shells	85	94	9	
Coal	94	98	4	
Sand	98	108	10	
Slate	108	130	22	
Sand	130	156	26	5 bailers water at 130
Coal	156	160	4	
Slate	160	216	56	
Coal	216	220	4	
Sand	220	268	48	
Coal	268	272	4	
Lime	272	293	21	
Coal	293	298	5	
Slate & Shells	298	307	9	
Bastard Lime	307	327	20	Water 6 bailers per hour
Sand	327	348	21	
Slate	348	390	42	
Sand	390	440	50	
Slate	440	445	5	
Lime Black	445	450	5	
Sand Sand	450	585	135	
Slate & Shells	585	630	45	

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Environmental Protection

10/21/2022

UNITED FUEL GAS COMPANY
(INCORPORATED)

Serial Well No. 2564

Case No.

Map Square 4703903111P

RECORD OF WELL No.			CASING AND TUBING			TEST BEFORE SHOT	
in	Part of	on the Acres	Size	Used in Drilling	Left in Well	10ths of Water in	10ths of Merc. in
		District					
		County				Volume	Cu. ft.
		Field, State of				TEST AFTER SHOT	
						10ths of Water in	10ths of Merc. in
						Volume	Cu. ft.
						Rock pressure	
						Date shot	
						Size of Torpedo	
						Oil Flowed	bls. 1st 24 hrs.
						Oil Pumped	bls. 1st 24 hrs.
						Well abandoned and	
						Plugged	
11/2	Completed		10				
11/2	Completed		18				
11/2	Drilling Commenced		10				
11/2	Drilling Completed		81-4				
	Drilling to cost	per foot	0.5-8				
	Contractor is:		52-30				
	Address:		47-4				
	Driller's Name:		4				
			3				
			2				

Record continued DRILLER'S RECORD

Formation	Top	Bottom	Thickness	Remarks
Lime sand	630	676	46	
Black Slate	676	680	4	
Lime	680	691	11	
Sand	691	710	19	
Slate	710	713	3	
Sand	713	775	62	
Slate & Shells	775	815	40	
Sand	815	850	35	
Slate & Shells	850	884	34	
Salt Sand	884	1065	181	
Slate	1065	1094	29	Water hole full 914
Red Rock	1094	1100	6	
Sand shell	1100	1104	4	
Red Rock	1104	1110	6	
Slate & Shells	1110	1120	10	
Sand	1120	1145	25	
White Slate	1145	1174	29	
Sand	1174	1278	104	
Slate	1278	1281	3	
Lime	1281	1318	37	
Sand	1318	1372	54	
Slate	1372	1418	36	
Little Lime	1418	1443	25	
Black Lime	1443	1460	17	
Pencil Cave	1460	1465	5	
White Lime	1465	1480	15	
Slate	1480	1483	3	
Black Lime	1483	1510	27	

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JUL 25 2022

WV Department of
Environmental Protection

10/21/2022

UNITED FUEL GAS COMPANY
(INCORPORATED)

Serial Well No. 2564

Lease No.

Map Square

4703903111P

RECORD OF WELL No. _____		on the _____		CASING AND TUBING			TEST BEFORE SHOT	
in	Farm of _____	Acres _____	District _____	Size	Used in Drilling	Left in Well	_____ of Water in _____ Inch	_____ of Merc. in _____ Inch
	Field, State of _____	County _____					Volume _____ Cu. ft.	
11 1/2	Completed	112		10			TEST AFTER SHOT	
11 1/2	Drilling Completed	112		17			_____ of Water in _____ Inch	_____ of Merc. in _____ Inch
11 1/2	Drilling to cost	112		10			Volume _____ Cu. ft.	Rock pressure _____
	Contractor Name: _____			8 1/4			_____ of Water in _____ Inch	_____ of Merc. in _____ Inch
	Address: _____			0 5/8			Volume _____ Cu. ft.	Shot _____
	Driller's Name: _____			5 3/16			Size of Torpedo _____	Oil Flowed _____ bbls. 1st 24 hrs.
				4 7/8				Oil Pumped _____ bbls. 1st 24 hrs.
				4				Well abandoned and Plugged _____ 10 _____
				3				
				2				

Record Continued

DRILLER'S RECORD

Formation	Top	Bottom	Thickness	Remarks
Big Lime	1510	1668	158	
Big Injun	1668	1706	38	
Broken Lime	1706	1730	24	
Lime Shells	1730	1741	11	
Slate & Shells	1741	1770	29	
Hard Lime	1770	1780	10	
Slate	1780	1785	5	
Sand	1785	1800	15	
Slate & Shells	1800	1848	48	Show of Oil and Gas 1787-1791 no test
Wier Sand	1848	1985	137	Gas show no test 1850-1852
Black Lime	1985	2014.5	29.5	" 17/10 Merc 2" 1862-1869
Total Depth		2014.5		" 26/10 " 2" 1898-1904
				" 32/10 " 2" 1955-1960
				" after packer set 35/10 Merc. 2" 10407
				Steel line run at 1864 Gas pay
				2014.5 Total Depth

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Office of Oil and Gas

JUL 25 2022

WV Department of
Environmental Protection

[Handwritten Signature]

10/21/2022

4703903111P

WW-4A
Revised 6-07

1) Date: July 20, 2022
2) Operator's Well Number: 802564

3) API Well No.: 47 - 039 - 03111

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

RECEIVED
Office of Oil and Gas

JUL 25 2022

WV Department of
Environmental Protection

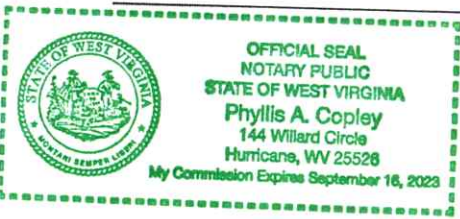
4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name: Blackhawk Mining	Name: None
Address: 1801 Watergap Road Prestonsburg, KY 41653	Address: _____
(b) Name: _____	(b) Coal Owner(s) with Declaration
Address: _____	Name: Blackhawk Mining
(c) Name: _____	Address: 1801 Watergap Road Prestonsburg, KY 41653
Address: _____	Name: _____
6) Inspector: Terry Urban	(c) Coal Lessee with Declaration
Address: P.O. Box 1207	Name: No Declaration
Clendenin, WV 25045	Address: _____
Telephone: 304-549-5915	Address: _____

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

Subscribed and sworn before me this 20th day of July 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.

10/21/2022

4703903111P
47-039-03111
Well 802564

7020 2450 0001 5225 2096

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
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For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Prestonsburg, KY 41653

Certified Mail Fee \$4.00

Extra Services & Fees (check box, add fees as appropriate)

<input type="checkbox"/> Return Receipt (hardcopy)	\$0.25
<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

Total Postage and Fees \$9.41

Postmark Here

HAMLIN POST OFFICE
HAMLIN, WV
JUL 20 2022
52523USPS 0523 11

Sent To Blackhawk Mining 802564
Street and Apt. No., or PO Box No. 1801 Watergap Rd
City, State, ZIP+4® Prestonsburg KY 41653

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



4703903111P

WW-9
(5/16)

API Number 47 - 039 - 03111
Operator's Well No. 802564

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) Witcher Creek Quadrangle Quick

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 2D03902327 002)
- 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.

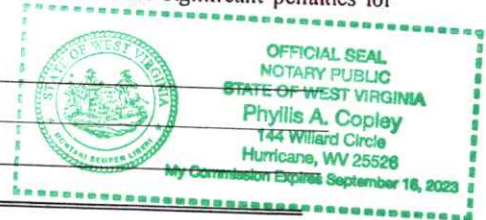
I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations 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 July, 2022

Phyllis A. Copley Notary Public

My commission expires September 16, 2023

10/21/2022

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
Red Fescue	40
Alsike	5
Annual Rye	15

Seed Type	lbs/acre
Red Fescue	15
Alsike Clover	5

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: Terry Urban

Comments: _____

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Office of Oil & Gas
SEP 27 2022
WV Department of
Environmental Protection

Title: Jerry Urban inspector

Date: 9/27/22

Field Reviewed? () Yes () No



DIVERSIFIED
energy
100 Diversified Way
Pikeville KY, 41051

47-039-03111

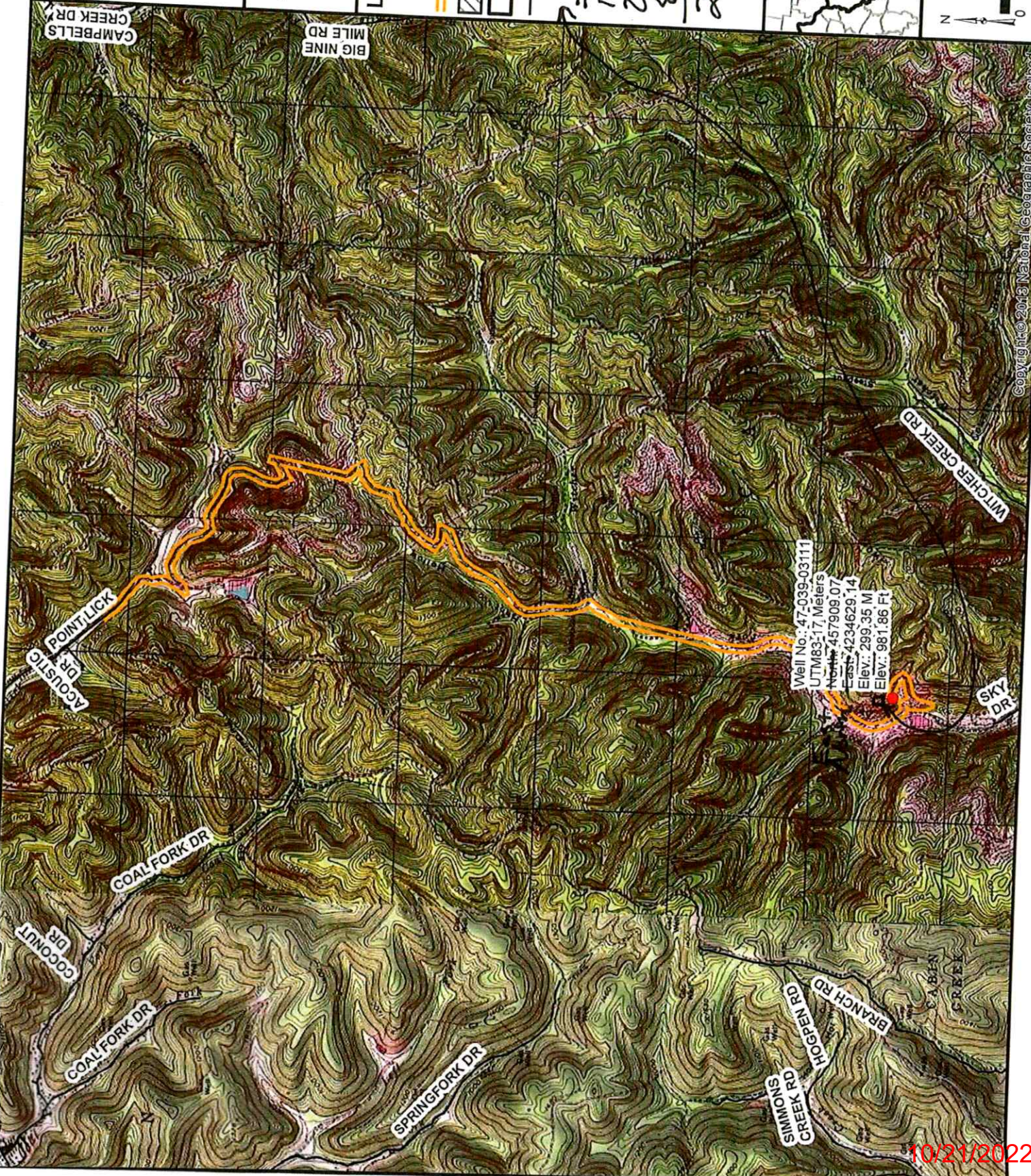
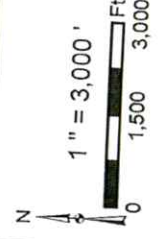
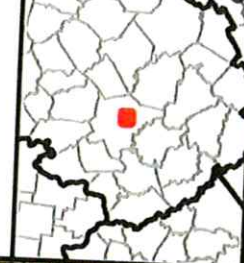
Plugging Map

Legend

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

27 p.t
10' W
20' L
8' 0
285 WLS

47039031110



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10/21/2022

WW-7
8-30-06

4703903111P



West Virginia Department of Environmental Protection
Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 4703903111 WELL NO.: 31

FARM NAME: SUNDAY CREEK COAL CO

RESPONSIBLE PARTY NAME: Diversified Production LLC

COUNTY: Kanawha DISTRICT: Cabin Creek

QUADRANGLE: Quick 7.5'

SURFACE OWNER: Blackhawk Mining LLC

ROYALTY OWNER: Pardee Oil & Gas LLC

UTM GPS NORTHING: 4234629.14

UTM GPS EASTING: 457909.07 GPS ELEVATION: 981.86

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.

Digitally signed by Austin Suttler
Date: 2022.07.20 10:49:09
-0400

Plugging Manager

7/20/2022

Signature

Title

Date

10/21/2022



DIVERSIFIED
energy

47 0 3 9 0 3 1 1 1 P

9/16/2022

James Martin
Office of Oil and Gas
601 57th 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:

4703903111 SUNDAY CREEK COAL CO 31

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

Sincerely,

Austin Sutler
Asset Retirement Manager

RECEIVED
Office of Oil and Gas

SEP 30 2022

WV Department of
Environmental Protection



west virginia department of environmental protection

Office of Oil and Gas
601 57th 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

RECEIVED
Office of Oil and Gas
SEP 30 2022
WV Department of
Environmental Protection

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.

Promoting a healthy environment.

10/21/2022

4703903111p

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

RECEIVED
Office of Oil and Gas
SEP 30 2022
WV Department of
Environmental Protection

10/21/2022



47 03903 111P

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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RECEIVED
Office of Oil and Gas
SEP 30 2022
WV Department of
Environmental Protection



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

Plugging permit approved 4703903111

1 message

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

Mon, Oct 17, 2022 at 9:54 AM

To: Terry W Urban <terry.w.urban@wv.gov>, Austin Sutler <asutler@dgoc.com>, Phyllis Copley <pcopley@dgoc.com>, sallierobinson@kanawha.us

To whom it may concern, a plugging permit has been issued for 4703903111.

James Kennedy

WVDEP OOG

2 attachments

 **4703903111.pdf**
3438K

 **IR-8 Blank.pdf**
237K

10/21/2022