



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

Tuesday, November 15, 2022
WELL WORK PLUGGING PERMIT
Vertical Plugging

DIVERSIFIED PRODUCTION LLC
101 MCQUISTON DRIVE

JACKSON CENTER, PA 16133

Re: Permit approval for 805620
47-043-00603-00-00

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: 805620
Farm Name: BAILEY, YUDELLIA
U.S. WELL NUMBER: 47-043-00603-00-00
Vertical Plugging
Date Issued: 11/15/2022

Promoting a healthy environment.

11/18/2022

I

4704300603P

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

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.

11/18/2022

1) Date September 26, 2022
2) Operator's
Well No. 805620
3) API Well No. 47-043 - 00603

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 774.21 ft Watershed Straight Fork of Mud River
District Duval County Lincoln Quadrangle Griffithsville

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 Next LVL Energy
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

RECEIVED
Office of Oil and Gas
OCT 06 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 10.3.22

Plugging Prognosis

API #: 4704300603

West Virginia, Lincoln Co.

Lat/Long: 38.198649, -81.941566

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

Casing Schedule:

10-3/4" @ 9'

8-5/8" @ 304' (cement info unknown)

7" @ 1520' (6-5/8"x8-1/4"x10" Parmaco BH Packer)

4-1/2" @ 1820' (cemented to 1152' w/ 48 sxs)

TD @ 1820'

Completion: Perfs @ 1682' - 1692'

Fresh Water: 15'; 825';

Salt Water: None

Gas Shows: 1575'

Oil Shows: None

Coal: 30'-33'; 210'-212'

Elevation: 785'

*Will pull All Free Pipe**Operator to Cover with Cement all Oil & Gas Bearing Formations including Salt, Elevation, Coals, & Freshwater and Gas**OCT 06 2022*
WV Department of Environmental Protection
10.5.22

1. Notify Inspector Terry Urban @ 304-549-5915, 48 hrs prior to commencing operations.
2. Check and record pressures on csg/tbg.
3. Check TD w/ wireline and run CBL to check TOC.
4. Run in to depth @ 1692'. Kill well as needed with 6% bentonite gel and fill rat hole. Pump at least 10 bbls gel. Pump 217' C1A/Class L cement plug from **1692' to 1475' (perforations, gas shows, 7" csg plug)**. Tag TOC. Top off as needed.
5. TOOH w/ tbg to 1475'. Pump 6% bentonite gel from 1475' to 825'.
6. Run wireline CBL to check TOC. Free point 4-1/2" csg. Cut and TOOH. 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.**
7. Run wireline CBL to check TOC. Free point 7" csg. Cut and TOOH. 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.**
8. TOOH w/ tbg to 825'. Pump 140' C1A/Class L cement plug from **825' to 685' (fresh water and elevation plug)**.
9. TOOH w/ tbg to 685'. Pump 6% bentonite gel from 685' to 354'.
10. RIH w/ tbg to 354'. Pump 100' C1A/Class L cement plug from **354' to 254' (8-5/8" csg shoe plug)**.
11. If needed, free point 8-5/8" csg. Cut and TOOH. 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.**
12. **If there is no free pipe**, TOOH w/ tbg to 254'. Pump 254' C1A/Class L cement plug from **254' to Surface (coal, freshwater, and surface plug)**.
13. Reclaim location and well road to WV DEP specifications and erect P&A well monument.

DATE: October 24, 2005

API: 47-4300603W

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

Farm name: Hill, Richard
 Location Elevation: 802'
 District: Duval

Operator Well No. 805620 - WORKOVER
 Quadrangle: Griffithsville
 County: Lincoln

COLUMBIA NATURAL RESOURCES	Casing & Tubing	Used in drilling	Left in Well	Cement fill up Cu.Ft.
Address: P.O. Box 6070 Charleston, WV 25362	10 3/4	9	9	Existing
Agent: Michael A. John	8 5/8	304	304	Existing
Inspector: Ralph Triplett	7	1520	1520	Existing
Date Permit Issued: 7/1/05	4 1/2	1820	1820	68
Date Well work commenced: 9/22/05				
Date Well Work completed: 10/17/05				
Verbal Plugging:				
Date Permission granted on:				
Rotary Cable X Rig				
Total Depth (feet): 1820				
Fresh Water Depth (ft): 15				
Salt Water Depth (ft.): 825				
Is coal being mined in area (YES)				
Coal Depths (ft): 30, 210				

OPEN FLOW DATA (SEE ATTACHED)

Producing formation: Pay zone depth (ft) from _____ to _____
 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 90 Hours

2nd producing formation: Pay zone depth (ft) from _____ to _____
 Gas: Initial open flow TSTM 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

3rd producing formation: Pay zone depth (ft) from _____ to; from _____ to _____
 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

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.

WELL OPERATOR: COLUMBIA NATURAL RESOURCES, INC.

By: James Russell, Workover Specialist

Date: 10/24/05

Reviewed by: _____

David Gocke, Region Manager

Date: 11-18-05

DEC 09 2005

RECEIVED
 Office of Oil & Gas
 DEC 05 2005
 WV Department of
 Environmental Protection

RECEIVED
 Office of Oil & Gas
 OCT 06 2005
 WV Department of
 Environmental Protection

LIN 0603W

4704300603P

47-043-00603

Operator Well No: 805620 - Workover

1ST STAGE: Foam Frac of Injun

Date Stimulated: 9/27/05

40 Perforations from 1682' to 1692'
Breakdown @ 2921 PSI,
ATP 1610 PSI,
Total N2 437,600 Scf.

Acid 250 gal. 15% HCL
Avg Rate 203 BPM
Total H2O 216 Bbl., Total Sand 67,317#
Post ISIP 1445 PSI, 5 min 1369 PSI

FOF: 103 Mcf/d 6 Hours

FRP: 430 PSI 336 Hours

Office RECEIVED
OCT 06 2005
WV Depar
Environmental Protection

DEC 18 2005

4704300603P

**Columbia Natural Resources LLC
Horse Creek Land 805620
Duval District, Lincoln County, WV
47-043-00603-F
Ground elevation: 782 Feet**

Formation	Top	Bottom
Siltstone, sand & shale	0	767
Salt Sand	767	915
Siltstone & shale	915	1020
Salt Sand	1020	1388
Siltstone & shale	1388	1435
Little Lime	1435	1474
Big Lime	1474	1652
Shale	1652	1682
Injun sand	1682	1703
Pocono shale	1703	1918
LTD	1918	

Depths are electric log data.

RECEIVED
Office of Oil and Gas
OCT 06 2022
WV Department of
Environmental Protection

DEC 09 2005

11/18/2022

LIN 0603W

47-043-00603P

B2

COMPANY

SERIAL WELL NO. 5620

LEASE NO. 4976

MAP SQUARE 44-47

RECORD OF WELL NO. 5620 on the		CASING AND TUBING				TEST BEFORE SHOT
Horse Ck. L. & M. Co. #51 farm of 1132 1/2 Acres		SIZE	WEIGHT	USED IN DRILLING	LEFT IN WELL	4/10 of Water in 2 inch
Duval	District	10 3/4"	32.75#	9'1"	9'1"	/10 of Merc. in inch
Lincoln	County	8 5/8"	28#	303'9"	303'9"	Volume 84 M. Cu. ft.
State of: West Virginia		7" O.D.	24#	1519'7"	1519'7"	TEST AFTER SHOT
Field: Kanawha						7 /10 of Water in 3 inch
Rig Commenced	By Contractor 194					/10 of Merc. in inch
Rig Completed	By Contractor 194					Volume 251 Cu. ft.
Drilling Commenced	April 13, 1945					12 Hours After Shot
Drilling Completed	July 12, 1945					Rock Pressure 206#-48hr.
Drilling to cost	per foot					Date Shot 7-17-45.
Contractor is: H. H. Adkins						Size of Torpedo 15,700# Det.
Address: Hamlin, W. Va.						Oil Flowed hbls. 1st 24 hrs.
				SHUT IN		Oil Pumped hbls. 1st 24 hrs.
				Date 7-18-45		
Driller's Name Claude Chancey				7 in. Casing		
Roundy Adkins				Site of Packer 6 5/8" x 8 1/4" x 10"		Well abandoned and
				Kind of Packer Parmaco B.H.		Plugged 194
				1st. Perf. Set from		
Elevation: 785' Topo.				2nd. Perf. Set from		

DRILLER'S RECORD

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Surface	0	6		
Hard Sand	6	30		Hole full of water at 15 ft.
Coal	30	33		
Sand	33	210		
Coal	210	212		
Slate	212	235		
Sand	235	370		
Slate	370	495		
Sand	495	510		
Slate	510	525		
Sand	525	555		
Slate	555	630		
Sand	630	680		
Slate	680	700		
Hard Sand	700	725		
Slate	725	735		
Salt Sand	735	925		

RECEIVED
Office of Oil and Gas
OCT 06 2022

Env. Protection

11/18/2022

SERIAL WELL NO. 5620

LEASE NO. 4976

47-043-00603 P
MAP SQUARE 44-47

DRILLER'S RECORD

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Slate	925	927		Hole full water 825 - water Sand.
Salt Sand	927	1385		
Slate	1385	1435		
Little Lime	1435	1475		
Pencil Cave	1475	1478		
Big Lime	1478	1665		Casing point 1509 S.L.M.
Injun Sand	1665	1697		Showing of gas at 1575.
Slate & Shells	1697	2138		
Brown Shale	2138	2161		
Berea Sand	2161	2183		Gas in Berea from 2163 to 2173.
Slate & Shells	2183	3340		2/10 Water through 2".
Brown Shale	3340	3722		Berea Grit Gas from 2173 to 2183.
White Slate	3722	3732		5/10 Water in 2" shown of oil - same pay.
Total Depth	3732	S.L.M.		

J. H. Hester
LITHIUM

RECEIVED
Oil and Gas
OCT 06 2022
WV Department of
Environmental Protection



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

47-043-00603D

47-043-00603 P

Madison

WELL RECORD

Permit No. Lin-603 Oil or Gas Well Gas (KIND)

Company United Fuel Gas Co.
 Address Box 1273 Charleston 25, W. Va.
 Farm Horse Creek Land & Mining Co. Acres 11,324
 Location (waters) Straight Fork
 Well No. 5620 Elev. 785
 District Duval County Lincoln
 The surface of tract is owned in fee by Horse Creek Land and Mining Co. Address Charleston, W. Va.
 Mineral rights are owned by Same Address _____
 Drilling commenced 4-13-45
 Drilling completed 7-12-45
 Date Shot 7-17-45 From 2158 To 3732
 With 15,700# Det.
 Open Flow 10ths Water in _____ Inch
10ths Merc. in _____ Inch
 Volume Gas Well Cu. Ft.
 Rock Pressure _____ lbs _____ hrs
 Oil _____ bbls., 1st 24 hrs.
 Fresh water 15 feet _____ feet
 Salt water 825 feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Pack
Size			Kind of Packer
16			
18			
10	9	9	Size of
8 1/4	303	303	Depth set
6 1/2	1509	1509	Perf. top
5 3/16			Perf. bottom
3			Perf. top
2			Perf. bottom

Liners Used _____

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____

COAL WAS ENCOUNTERED AT 30 FEET 36 INCHES
210 FEET 24 INCHES
FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Surface			0	6			
Hard Sand			6	30	Water	15'	Hole full
Coal			30	33			
Sand			33	210			
Coal			210	212			
Slate			212	235			
Sand			235	370			
Slate			370	495			
Sand			495	510			
Slate			510	525			
Sand			525	555			
Slate			555	630			
Sand			630	680			
Slate			680	700			
Hard Sand			700	725			
Slate			725	735			
Salt Sand			735	925	Water	825'	Hole full
Slate			925	927			
Salt Sand			927	1385			
Slate			1385	1435			
Little Lime			1435	1475			
Pencil Cave			1475	1478			
Big Lime			1478	1665	Gas	1575'	Show
Irjun Sand			1665	1697			
Slate & shells			1697	2138			
Brown Shale			2138	2161			
Berea Sand			2161	2183	Gas	2163-2173	
Slate & shells			2183	3340	Oil	2163-2173	Show
Brown Shale			3340	3722	Gas	2365	
White Slate			3722	3732	Gas	2815	
Total Depth				3732	Gas	3150	
					Gas	3595	

RECEIVED
Office of Oil and Gas
OCT 06 2022
WV Department of Environmental Protection

SEP 18 45
WEST VIRGINIA
DEPARTMENT OF MINES

4704300603P

WW-4A
Revised 6-07

1) Date: September 26, 2022
2) Operator's Well Number
805620

3) API Well No.: 47 - 043 - 00603

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>Kennith A. Bailey</u>	Name <u>None</u>
Address <u>4054 Straight Fork</u>	Address _____
<u>Yawkey, WV 25573</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>Horse Creek Land & Mining Company</u>
_____	Address <u>170 Summers Street, Suite 310</u>
(c) Name _____	<u>Charleston, WV 25301</u>
Address _____	Name _____
_____	Address _____
6) Inspector <u>Terry Urban</u>	(c) Coal Lessee with Declaration
Address <u>P.O. Box 1207</u>	Name <u>No Declaration</u>
<u>Clendenin, WV 25045</u>	Address _____
Telephone <u>304-549-5915</u>	_____

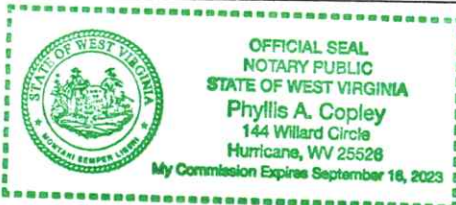
RECEIVED
Office of Oil and Gas
OCT 06 2022
WV Department of
Environmental Protection

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 27th day of September, 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 depprivacyoffier@wv.gov.

11/18/2022



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.

7022 2410 0001 3247 0236

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee \$

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

Return Receipt (hardcopy) \$

Return Receipt (electronic) \$

Certified Mail Restricted Delivery \$

Adult Signature Required \$

Adult Signature Restricted Delivery \$

Postage \$

Total P \$

Sent To **805620 47-043-00603**

Street **Horse Creek Land & Mining Company**

City, St **170 Summers Street, Suite 310
Charleston, WV 25301**

PS Fo

Postmark **OCT 04 2022**

25523-USPS

INLIN POST OFFICE
INLIN WV

Instructions

7022 2410 0001 3247 0229

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee \$

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

Return Receipt (hardcopy) \$

Return Receipt (electronic) \$

Certified Mail Restricted Delivery \$

Adult Signature Required \$

Adult Signature Restricted Delivery \$

Postage \$

Total P \$

Sent To **805620 47-043-00603**

Street **Kenneth A. Bailey**

City, St **4054 Straight Fork
Yawkey, WV 25573**

PS Fo

Postmark **OCT 04 2022**

25523-USPS

INLIN POST OFFICE
INLIN WV

Instructions



DIVERSIFIED
energy

4704300603

10/4/2022

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:

47-043-00603 Horse Creek LD & MNG Co 12

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

Sincerely,

Austin Sutler
Asset Retirement Manager



4704300603

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) 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.

Promoting a healthy environment.

11/18/2022

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

WW-4A
Revised 6-07

1) Date: September 26, 2022
 2) Operator's Well Number 805620
 3) API Well No.: 47 - 043 - 00603

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>Kennith A. Bailey</u>	Name <u>None</u>
Address <u>4054 Straight Fork</u>	Address _____
<u>Yawkey, WV 25573</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>Horse Creek Land & Mining Company</u>
_____	Address <u>170 Summers Street, Suite 310</u>
_____	<u>Charleston, WV 25301</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>No Declaration</u>
<u>Clendenin, WV 25045</u>	Address _____
Telephone <u>304-549-5915</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.

RECEIVED
 WV Department of Environmental Protection
 SEP 29 2022



Well Operator Diversified Production, LLC

By: Austin Suttler *Austin Suttler*

Its: Plugging Manager

Address 414 Summers Street

Charleston, WV 25301

Telephone 304-419-2562

Subscribed and sworn before me this 27th day of September, 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.

47043006034

Well 805620
47-043-00603

7022 2410 0001 3247 0984

**U.S. Postal Service™
CERTIFIED MAIL® RECEIPT**
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee \$ _____

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

Return Receipt (hardcopy) \$ _____

Return Receipt (electronic) \$ _____

Certified Mail Restricted Delivery \$ _____

Adult Signature Required \$ _____

Adult Signature Restricted Delivery \$ _____

Postage \$ _____

Total \$ _____

Postmark Here

SEP 28 2022

25523-USPS

805620 47-043-00603

Sen Kenneth A. Bailey

Str 4054 Straight Fork

City, Yawkey, WV 25573

PS Instructions

7022 2410 0001 3247 0977

**U.S. Postal Service™
CERTIFIED MAIL® RECEIPT**
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee \$ _____

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

Return Receipt (hardcopy) \$ _____

Return Receipt (electronic) \$ _____

Certified Mail Restricted Delivery \$ _____

Adult Signature Required \$ _____

Adult Signature Restricted Delivery \$ _____

Postage \$ _____

Total \$ _____

Postmark Here

SEP 28 2022

25523-USPS

805620 47-043-00603

Sen Horse Creek Land & Mining Company

Str 170 Summers Street, Suite 310

City, Charleston, WV 25301

PS Instructions

RECEIVED
Office of Oil and Gas
SEP 29 2022
WV Department of
Environmental Protection

11/18/2022

WW-4B

API No. 47-043-00603 P
Farm Name Horse Creek Land & Mining
Well No. 805620

**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 ____ / 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: 10/5/22


By: A Lewis Payne
Its President

RECEIVED
Office of Oil and Gas

OCT 13 2022

WV Department of
Environmental Protection

11/18/2022

WW-9
(5/16)

API No. 043 00603
Operator's Well No. 805620

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) Straight Fork of Mud River Quadrangle Griffithsville

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 *TU*

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 _____)
 - Reuse (at API Number _____)
 - Off Site Disposal (Supply form WW-9 for disposal location)
 - Other (Explain All fluid recovered will be hauled to a Diversified Tank Battery and disposed of properly)

Will closed loop system be used? If so, describe: _____

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

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

Additives to be used in drilling medium? _____

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc.

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

-Landfill or offsite name/permit number? _____

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 Sutler*

Company Official (Typed Name) Austin Sutler

Company Official Title Plugging Manager



Subscribed and sworn before me this 27th day of September, 2022

Phyllis A. Copley Notary Public

My commission expires September 16, 2023

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:

RECEIVED
Office of Oil and Gas
OCT 06 2022
WV Department of Environmental Protection

Title: Inspect Oil & Gas Date: 10.3.22

Field Reviewed? () Yes () No

4704300603



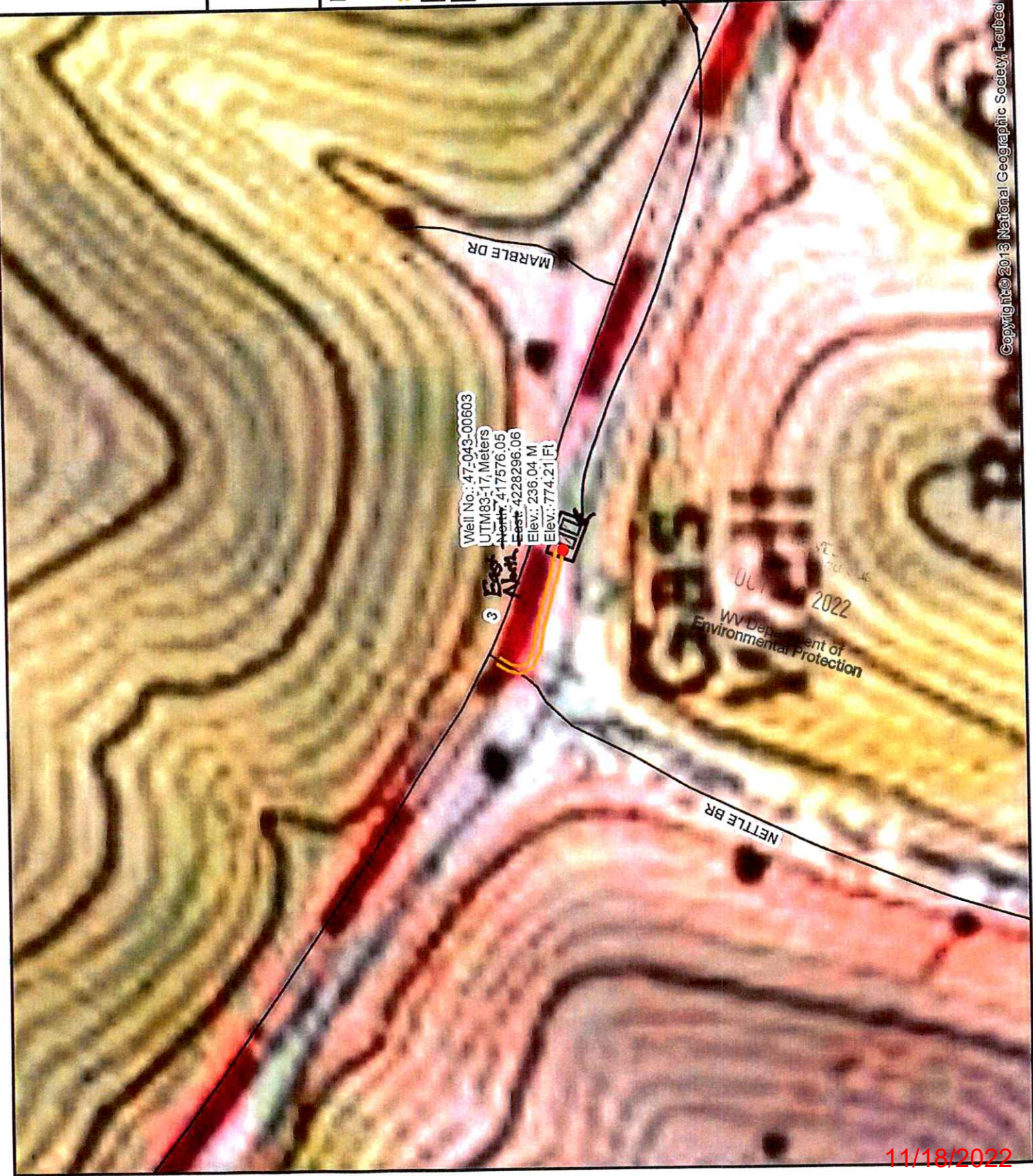
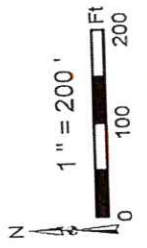
DIVERSIFIED
energy
100 Diversified Way
Pikeville KY, 41051

47-043-00603
Plugging Map

Legend

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

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



Well No.: 47-043-00603
 UTM83: 17 Meters
 North: 417576.05
 East: 4228296.06
 Elev.: 236.04 M
 Elev.: 774.21 Ft

3 East Area

001112022
 WV Department of
 Environmental Protection

Copyright © 2013 National Geographic Society, Inc.

11/18/2022

4704300603 P

WW-7
8-30-06



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

API: 4704300603 WELL NO.: 805620

FARM NAME: Horse Creek Land & Mining

RESPONSIBLE PARTY NAME: Diversified Production LLC

COUNTY: Lincoln DISTRICT: Duval

QUADRANGLE: Griffithsville, WV 7.5'

SURFACE OWNER: Kennith A. Bailey

ROYALTY OWNER: Horse Creek Land & Mining Co

UTM GPS NORTHING: 4228296.06

UTM GPS EASTING: 417576.05 GPS ELEVATION: 774.21'

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:

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

Survey grade GPS : Post Processed Differential

Real-Time Differential

Mapping Grade GPS : Post Processed Differential

Real-Time Differential

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

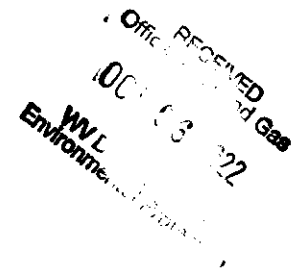
I the undersigned, hereby certify this data is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Office of Oil and Gas.

Austin Suttler
Signature

Digitally signed by Austin Suttler
Date: 2022.07.15 10:17:26
-04'00

Plugging Manager
Title

7/15/2022
Date



11/18/2022



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

plugging permit issued 4704300603

1 message

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

Tue, Nov 15, 2022 at 8:34 AM


To: Terry W Urban <terry.w.urban@wv.gov>, Austin Sutler <asutler@dgoc.com>, Phyllis Copley <pcopley@dgoc.com>, guybrowning@lincolncountywv.org

To whom it may concern, a plugging permit has been issued for 4704300603.

James Kennedy
WVDEP OOG

2 attachments

 **4704300603.pdf**
4497K

 **ir-8 4704300603.pdf**
12K

11/18/2022