



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

Thursday, December 8, 2022
WELL WORK PLUGGING PERMIT
Vertical Plugging

DIVERSIFIED PRODUCTION LLC
101 MCQUISTON DRIVE

JACKSON CENTER, PA 16133

Re: Permit approval for 7784
47-097-00093-00-00

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, written in a cursive style.

Operator's Well Number: 7784
Farm Name: YOUNG, U. G., ETAL
U.S. WELL NUMBER: 47-097-00093-00-00
Vertical Plugging
Date Issued:

Promoting a healthy environment.

12/09/2022

PERMIT CONDITIONS 4709700093

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.

12/09/2022

4709700093

- 1) Date September 28, 2022
- 2) Operator's
Well No. Well 1
- 3) API Well No. 47-097 - 00093

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 / Liquid injection / Waste disposal /
(If "Gas, Production or Underground storage) Deep / Shallow
- 5) Location: Elevation 1470.43 feet Watershed Fink Run of Buckhannon River
District Buckhannon County Upshur Quadrangle Weston SE
- 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 Sam Ward Name Next LVL Energy
Address P.O. Box 2327 Address 1951 Pleasantview Ridge Road
Buckhannon, WV 26201 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 13 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 [Signature] Date 10/3/2022

12/09/2022

WEST VIRGINIA DEPARTMENT OF MINES
OIL & GAS DIVISION
W E L L R E C O R D

47-097-00093

Permit No. Up-93
Weston Quad.

Gas Well

Company Pittsburgh & W. Va. Gas Co.
Address Clarksburg, W. Va.
Farm U. G. Young, et al ACRES 200
Location Weston S/E 4-3
Well No. 7784 ELEV. 1468
District Buckhannon - Upshur County
Surface & Mineral U. G. Young, et al, Buckhannon, W.Va.
Commenced Dec. 26, 1940
Completed March 14, 1941
Shot 3/17/41 - depth 4560-4570 - 40 qts.
Open Flow 56/10ths W in 1-1/2"
Volume 155,000 c.f.
Rock Pressure 1590 lbs. 5 days

CASING & TUBING
10 391 391
8-1/4 1014 1014
6-5/8 2511 2511
3 4594 4594

Packer - Bottom Set
Packer
Size - 6-5/8x3
Depth set - 4315
Perf. top - 4552
" bot.- 4574
" top - 4507
" bot.- 4529

Clay	rod s	0	35		Slate	bk s	1473	1520
Lime	wh h	35	55	HFV 50	Sand	wh h	1520	1557
Slate	wh s	55	70		Slate	bk s	1557	1596
Lime	wh h	70	82		Limo	dk h	1596	1614
Slate	wh s	82	112		Rod Rock	rd s	1614	1661
Lime	wh h	112	122		Sand	wh h	1661	1749
Slate	wh s	122	175		Rod Rock	rd s	1749	1765
Limo	dk h	175	193		Limo	dk h	1765	1784
Slate	wh s	193	208		Red Rock	rd s	1784	1796
Limo	dk h	208	228		Slate	wh s	1796	1815
Slate	wh s	228	243		Lime	dk h	1815	1836
Lime	dk h	243	260		Slate&Sholl	wh s	1836	1851
Red Rock	rd s	260	284		Big Lime	wh h	1851	1943
Limo	dk h	284	289		Big Injun	wh h	1943	2074
Slate	wh s	289	293		Limo	dk h	2074	2084
Red Rock	rd s	293	387		Squaw Sand	bl h	2084	2229
Slate	wh s	387	396		Slate	wh s	2229	2332
Red Rock	rd s	396	408		Sand	wh h	2332	2327
Slate	wh s	408	428		Slate	wh s	2327	2331
Red Rock	rd s	428	447		Sand	wh h	2331	2346
Lime	dk h	447	465		Slate	wh s	2346	2351
Slate	wh s	465	490		Lime	dk h	2351	2397
Lime	dk h	490	512		Slate	wh s	2397	2405
Slate&Shell	wh s	512	570		Limo	dk h	2405	2414
Limo	dk h	570	583		Rod Rock	rd s	2414	2422
Red Rock	rd s	583	619		Limo	dk h	2422	2455
Slate&Shell	wh s	619	697		Rod Rock	rd s	2455	2459
Lime	dk h	697	747		Sand Shells	wh h	2459	2463
Slate	wh s	747	781		Red Rock	rd s	2463	2474
Lime	dk h	781	815		Lime	dk h	2474	2492
Slate	wh s	815	820		Red Rock	rd s	2492	2495
Lime	wh h	820	860		Sand	wh h	2495	2501
Sand	wh h	860	894		Red Rock	rd s	2501	2503
Slate	wh s	894	920		Gordon Sand	wh h	2503	2535
Limo	dk hh	920	957		Rod Rock	rd s	2535	2543
Sand	wh h	957	982		Sand	wh h	2543	2589
Slate	bk s	982	1000		Slate&Shells	dk s	2589	2632
Slate	wh s	1000	1012		Sand	wh h	2632	2648
Lime	dk h	1012	1033		Slate	wh s	2648	2651
Sand	wh h	1033	1127		Limo	dk h	2651	2677
Limo	dk h	1127	1192		Slate	wh s	2677	2679
Sand	wh h	1192	1284		Sand	wh h	2679	2709
Slate	wh s	1284	1292		Slate	wh s	2709	2734
Sand	wh h	1292	1353		Limo	dk h	2734	2768
Slate	wh s	1353	1361		Slate&Shells	wh s	2768	2792
Sand	wh h	1361	1443		Limo	dk h	2792	2985
Slate	bk s	1443	1447		Slate&Shells	wh s	2985	2973
Limo	bk h	1447	1473		Limo	dk h	2973	3060

1851
190
2041
1468
-573

50w
10/3/2022

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CONTINUED TO PAGE #2

12/09/2022

47-097-00093

Well Record Cont'd

Permit UP-93
 Company Pittsburgh & W. Va. Gas Co.
 Address Clarksburg, W. Va.
 Farm U. G. Young, et al ACRES 200
 Well No. 7784
 Commenced Dec. 26, 1940 - completed Mar. 14, 1941

Slate&Shells	wh	s	3060	3096
Lime	dk	h	3096	3363
Slate&Shells	wh	s	3363	3463
Lime	dk	h	3463	3548
Slate&Shells	wh	s	3548	3615
Lime	dk	h	3615	3765
Slate&Shells	wh	s	3765	3813
Lime	dk	h	3813	3933
Slate&Shells	wh	s	3933	3966
Lime	dk	h	3966	4000
Lime	dk	s	4000	4026
Slate-Shells	wh	s	4026	4041
Lime	dk	h	4041	4051
Slate-Shells	wh	s	4051	4160
Lime	dk	h	4160	4180
Lime	dk	s	4180	4184
Lime	dk	h	4184	4194
Slate&Shells	wh	s	4194	4310
Lime	dk	h	4310	4320
Slate-Shells	wh	s	4320	4361
Riley Sand	bn	h	4361	4391
Slate-Shells	wh	s	4391	4559
Benson Sand	bn	h	4559	4571
Slate&Shells	wh	s	4571	4594
Total Depth				4594

Gas 2045-47
 Gas 4368-69 35/10 W 1/4"
 Gas 4562-69 60/10 W 1-1/2" Opng.

S.L. 2051
 S.L. 4321
 S.L. 4574

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S Dew
 10/3/2022

12/09/2022

4709700093

Plugging Prognosis

API #: 4709700093

West Virginia, Upshur County

Lat/Long: 39.02158438049929, -80.302774779541

Nearest ER: St. Joseph's Hospital (WVU Medicine) – 1 Amalia Dr., Buckhannon, WV 26201

Casing Schedule

10" @ 391' (no cement record)

8-1/4" @ 1014' (no cement record)

6-5/8" @ 2511' (no cement record)

3" @ 4594' (Bottom Set Packer – Size 6-5/8"x3", packer set @ 4315' w/ tbg to TD) **Will need 1.5" tbg.**

TD @ 4594'

Completion: Perforated from 4507'-4529'; 4552'-4574'

Fresh Water: 50'

Salt Water: none listed

Gas Shows: 2045-2047'; 4368-4369; 4562'-4569'

Oil Shows: none listed

Coal: none listed

Elevation: 1468'

1. Notify Inspector Sam Ward @ 304-389-7583, 48 hrs prior to commencing operations.
2. Check and record pressures on csg/tbg.
3. Check TD w/ wireline.
4. Run in to 4594'. Kill well as needed with 6% bentonite gel and fill rat hole with gel. Pump at least 10 bbls gel. Pump 326' Class A/Class L cement plug from **4594' to 4268' (Perforations and gas shows plug)**. Tag TOC. Top off as needed.
5. Free point 3" tbg. Cut and TOO. Set 100' Class A/Class L cement plug across csg cut. 50' in/out of cut. TOO w/ tbg to top of plug. Pump 6% bentonite gel from top of plug to 2561'. **Do not omit any plugs listed below. Perforate as needed.**
6. TOO w/ tbg to 2561'. Pump 100' Class A/Class L cement plug from **2561' to 2461' (6-5/8" csg shoe plug)**.
7. TOO w/ tbg to 2461'. Pump 6% bentonite gel from 2461' to 2047'.
8. Free point 6-5/8" tbg. Cut and TOO. Set 100' Class A/Class L cement plug across csg cut. 50' in/out of cut. TOO w/ tbg to top of plug. Pump 6% bentonite gel from top of plug to 2047'. **Do not omit any plugs listed below. Perforate as needed.**
9. TOO w/ tbg to 2047'. Pump 102' Class A/Class L cement plug from **2047' to 1945' (Gas show plug)**.
10. TOO w/ tbg to 1945'. Pump 6% bentonite gel from 1945' to 1468'.
11. TOO w/ tbg to 1468'. Pump 100' Class A/Class L cement plug from **1468' to 1368' (Elevation plug)**.
12. TOO w/ tbg to 1368'. Pump 6% bentonite gel from 1368' to 1064'.
13. TOO w/ tbg to 1064'. Pump 100' Class A/Class L cement plug from **1064' to 964' (8-1/4" csg shoe plug)**.
14. TOO w/ tbg to 964'. Pump 6% bentonite gel from 964' to 441'.
15. TOO w/ tbg to 441'. Pump 100' Class A/Class L cement plug from **441' to 341' (10" csg shoe plug)**.
16. TOO w/ tbg to 341'. Pump 6% bentonite gel from 341' to 100'.
17. TOO w/ tbg to 100'. Pump 100' Class A/Class L cement plug from **100' to Surface. (Fresh water and surface plug)**.
18. Reclaim location and well road to WV DEP specifications and erect P&A well monument.

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12/09/2022

4709700093

WW-4A
Revised 6-07

1) Date: September 28, 2022
2) Operator's Well Number
1

3) API Well No.: 47 - 097 - 00093

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>Mark J. Carroll</u>	Name <u>None</u>
Address <u>P.O. Box 2228</u>	Address _____
<u>Buckhannon, WV 26201</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>Mike Ross Inc.</u>
_____	Address <u>P.O. Box 219</u>
_____	<u>Coalton, WV 26257</u>
(c) Name _____	Name _____
Address _____	Address _____
_____	_____
6) Inspector <u>Sam Ward</u>	(c) Coal Lessee with Declaration
Address <u>P.O. Box 2327</u>	Name <u>No Declaration</u>
<u>Buckhannon, WV 26201</u>	Address _____
Telephone <u>304-389-7583</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: Plugging Manager
 Address 414 Summers Street
Charleston, WV 25301
 Telephone 304-419-2562

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 Office of Oil and Gas
 OCT 13 2022

Subscribed and sworn before me this 28th day of September, 2022
Phyllis A. Copley Notary Public
 My Commission Expires September 16, 2023

WV Department of Environmental Protection

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.

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Well 1
47-097-00093

7022 2410 0001 3247 0632

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Adult Signature Required \$ _____

Adult Signature Restricted Delivery \$ _____

Postage \$ _____

Total Postage \$ _____

Sent To **Well 1 47-097-00093**

Street and A Mike Ross Inc.

City, State, Z P.O. Box 219

Coalton, WV 26257

PS Form 3849, April 2019 Edition (Instructions on Reverse) See reverse for instructions.

7020 3160 0000 1694 9695

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Adult Signature Required \$ _____

Adult Signature Restricted Delivery \$ _____

Postage \$ _____

Total Postage \$ _____

Sent To **Well 1 47-097-00093**

Mark J. Caroll

P.O. Box 2228

Buckhannon, WV 26201

PS Form 3849, April 2019 Edition (Instructions on Reverse) See reverse for instructions.

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SEP 29 2022
WV Department of
Environmental Protection

12/09/2022

4709700093

WW-9
(5/16)

API No. 097 00093
Operator's Well No. Well 1

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) Fink Run of Buckhannon River Quadrangle Weston SE

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 2D08300792002)
- Reuse (at API Number _____)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain _____)

SDW
10/3/2022

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 28th day of September, 2022

Phyllis A. Copley Notary Public

My commission expires September 16, 2023

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WV Department of
Environmental Protection

12/09/2022

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	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: _____

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OCT 13 2022
WV Department of
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Title: COG Inspector Date: 10/3/2022

Field Reviewed? () Yes (X) No

4709700093

WW-7
8-30-06



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

API: 4709700093 WELL NO.: 1

FARM NAME: U G Young 1

RESPONSIBLE PARTY NAME: Diversified Production LLC

COUNTY: Upshur DISTRICT: Buckhannon

QUADRANGLE: Weston SE

SURFACE OWNER: Mark J Carroll

ROYALTY OWNER: Diversified ABS II LLC

UTM GPS NORTHING: 4318754.16

UTM GPS EASTING: 560349.68 GPS ELEVATION: 1470.43'

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit or assigned API number on the above well. The Office of Oil and Gas will not accept GPS coordinates that do not meet the following requirements:

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

Survey grade GPS : Post Processed Differential


Real-Time Differential

Mapping Grade GPS : Post Processed Differential

Real-Time Differential

4. **Letter size copy of the topography map showing the well location.**

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


Signature

Digitally signed by Austin Suttler
Date: 2022.04.11 14:47:16
+04'00'

Sr. Proj. Manager
Title

4/11/2022
Date

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OCT 13 2022
WV Department of Environmental Protection

12/09/2022

4709700093



DIVERSIFIED
energy
100 Diversified Way
Pikeville KY, 41051

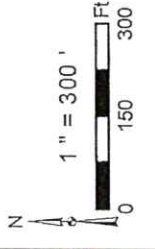
47-097-00093

Plugging Map

Legend

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

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



Well No.: 47-097-00093
 UTM83-17 Meters
 North: 560349.68
 East: 4318754.16
 Elev.: 448.3 M
 Elev.: 1470.43 Ft

East North



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 WV Department of
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1600

1650

US 33 HWY

BUCKHANNON MTN RD

RAVENS RIDGE RD

Lorentz

LORENTZ LN

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12/09/2022



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 1670 0001 8750 5276

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Adult Signature Required \$

Adult Signature Restricted Delivery \$

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Total \$

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Street

City, State

PS Form 3800, April 2019

Well 1 47-097-00093
Mike Ross Inc.
P.O. Box 219
Coalton, WV 26257

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HAMLIN WV
OCT 04 2022
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25523-0199

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Adult Signature Required \$

Adult Signature Restricted Delivery \$

Postage \$

Total Po \$

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Street a

City, State

PS Form 3800, April 2019

Well 1 47-097-00093
Mark J. Caroll
P.O. Box 2228
Buckhannon, WV 26201

HAMLIN POST OFFICE
HAMLIN WV
OCT 04 2022
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DIVERSIFIED
energy

47 0 9 7 0 0 0 9 3

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:

47-097-00093 Young U G 1 607784

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

Sincerely,

Austin Sutler
Asset Retirement Manager



4709700093

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.

12/09/2022

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 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



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

plugging permits issued 4709701322 09701709 09700093 09700772

1 message

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

Thu, Dec 8, 2022 at 2:46 PM


To: Samuel D Ward <samuel.d.ward@wv.gov>, Phyllis Copley <pcopley@dgoc.com>, Austin Sutler <asutler@dgoc.com>, dwzickefoose@upshurcounty.org


To whom it may concern plugging permits have been issued for 4709701322 09701709 09700093 09700772.


James Kennedy


WVDEP OOG


8 attachments


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