



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, March 13, 2023
WELL WORK PERMIT
Vertical / Plugging

DIVERSIFIED PRODUCTION LLC
101 MCQUISTON DRIVE

JACKSON CENTER, PA 16133

Re: Permit approval for 093121
47-019-00474-00-00

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.

Please be advised that form WR-35, Well Operators Report of Well Work 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: 093121
Farm Name: HAMILTON, LAWSON W.
U.S. WELL NUMBER: 47-019-00474-00-00
Vertical Plugging
Date Issued: 3/13/2023

Promoting a healthy environment.

03/17/2023

PERMIT CONDITIONS 4701900474

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 February 15, 2023
2) Operator's
Well No. 1
3) API Well No. 47-019 - 00474

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 1436.95 feet Watershed Milburn Creek of Paint Creek of Kanawha River
District Kanawha County Fayette Quadrangle Pax

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

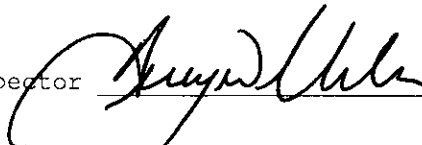
8) Oil and Gas Inspector to be notified Name Terry Urban
Address P.O. Box 1207
Clendenin, WV 25045
9) Plugging Contractor Name Next LVL Energy
Address 1951 Pleasantview Ridge Road
Ravenswood, WV 26164

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

See Attached

RECEIVED
Office Of Oil and Gas
MAR 01 2023
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 2-21-23

Plugging Prognosis

API #: 4701900474

West Virginia, Fayette Co.

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

Casing Schedule:

20" @ 31'

13" @ 60' (cemented to surface w/ 60 sx cmt)

9-5/8" @ 1412' (cemented to surface w/ 450 sx cmt)

7" @ 6202' (cemented to 4289' w/ 170 sx cmt)

2-3/8" @ 5433' (set on packer @ 2756')

TD @ 6050' (plugged back w/ cmt and drillable plug @ 6050' inside 7" csg)

} will pull all free pipe

Completion - 4584'-5904'; 2401'-2441'; 1570'-1626'

Fresh Water: Approx. listed @ 5'

Salt Water: Approx. listed at top of salt sand: 316'

Gas Shows: 2244'; 2520'; 3010'; 3516'; 5510'; 5585'

Oil Shows: None Listed

Coal: None Listed

Elevation: 1444'

RECEIVED
Office Of Oil and Gas
MAR 01 2023
WV Department of
Environmental Protection

TERRY UEBOW 304-549-5915

1. Notify Inspector ~~Gary Kennedy~~ @ 304-382-8402, 48 hrs prior to commencing operations.
2. Check and record pressures on csg/tbg.
3. Pull 2-3/8" tbg and lay down.
4. Check TD w/ wireline and Run CBL on 7" csg to locate TOC.
5. Run in to depth @ 5904. Kill well as needed with 6% bentonite gel and fill rat hole with gel. Pump at least 10 bbls gel. Pump 1420' Class A/Class L cement plug from 5904' to 4484' **(Completion and gas show plug)** Tag TOC. Top off as needed.
6. TOOH w/ tbg to 4484'. Pump 6% bentonite gel from 4484' to 3516'.
7. Free point 7" csg. Cut and TOOH. Set 100' Class A/Class L cement plug across csg cut. 50' in/out of cut. Pump 6% bentonite gel from top of plug to 3516' **Do not omit any plugs listed below. Perforate as needed.**
8. TOOH w/ tbg to 3516'. Pump 100' Class A/Class L cement plug from 3516' to 3416'. **(Gas show plug).**
9. TOOH w/ tbg to 3416'. Pump 6% bentonite gel from 3416' to 3010'.
10. TOOH w/ tbg to 3010'. Pump 100' Class A/Class L cement plug from 3010' to 2910'. **(Gas show plug).**
11. TOOH w/ tbg to 2910'. Pump 6% bentonite gel from 2910' to 2520'.
12. TOOH w/ tbg to 2520'. Pump 376' Class A/Class L cement plug from 2520' to 2144'. **(Completion and gas show plug).**
13. TOOH w/ tbg to 2144'. Pump 6% bentonite gel from 2144' to 1626'.
14. TOOH w/ tbg to 1626'. Pump 264' Class A/Class L cement plug from 1626' to 1362'. **(Completion, gas show, elevation, and 9-5/8" csg shoe plug).**
15. TOOH w/ tbg to 1362'. Pump 6% bentonite gel from 1362' to 366'.
16. TOOH w/ tbg to 366'. Pump 100' Class A/Class L cement plug from 366' to surface. **(Fresh water, salt water, 13 csg shoe, and surface plug)**
17. Reclaim location and well road to WV DEP specifications and erect P&A well monument.

Operator to cover with cement all O.I. & Gas formations, including all cuts
Saltwater, Elevation, Corals, Freshwater
Angela White 2-21-23 03/17/2023

47-019-00474

DETAILS OF PERFORMED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.
 Perf Dev. Shale 30H/4584-5904-Frac w/75 Quality foam using 590 sks 20/40 sand, 713 MCFN₂, ATP 3037# @ 11.6 B/M, ISIP 4800#, 15 min 4200#, TSLF 291 bbl.
 Perf Gordon 15H/2942-54 - Frac w/75 Quality foam using 25,000# 80/100, 28,600# 20/50, 350 MCFN₂, BD @ 600#, ATP 1450# @ 39.6 B/M foam rate. ISIP 1500#, 5 min 1000#, TSLF 139 bbl.
 Perf Weir 30H/2401-2441 - Frac w/75 Quality foam using 50,000# 20/40, 390 MCFN₂, BD @ 1200#, ATP 1000# @ 7.5 B/M (wtr rate) ISIP 850#, 15 min 800#. TSLF 200 bbl - Squeezed and abandoned)
 Perf Maxton 30H/1570-1626- Water frac w/30#/1000 J-266 gel system, 35,000# 20/40 - BD on vacuum, ATR 30 B/M, ATP 1250#, ISIP 1000#, 15 min 800#. TSLF 585 bbl.
 Perf M. Maxton 13H/1423-50 - Frac w/20#/1000 waterfrac gel system using 19,000# 20/40 BD @ 1600#, ATP 2244# @ 24 B/M, ISIP 1750#, 15 min 1100# - TSLF 390 bbl.

Completed as a commingled gas producer in Devonian Shale & Maxton w/3060 MCF/D.
 WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Sand			0	170	@ 2244 94 MCF/D
Shale			170	190	@ 2520 84 MCF/D
Sand			190	272	@ 3010 119 MCF/D
Shale & Sand			272	316	@ 3516 119 MCF/D
Salt Sand			316	976	@ 5510 94 MCF/D
Shale			976	1196	@ 5585 84 MCF/D
Ravencliff			1196	1390	
Shale			1390	1422	
Middle Maxton			1422	1456	
Shale			1456	1565	
Stray Maxton			1565	1629	
Shale			1629	1664	
Lower Maxton			1664	1761	
Little Lime			1761	1827	
Pencil Cave			1827	1863	
Big Lime			1863	2180	
Shale			2180	2295	
Upper Weir			2295	2328	
Shale			2328	2402	
Lower Weir			2402	2443	
Shale			2443	2720	
Coffee Shale			2720	2736	
Berea			2736	2768	
Dev. Shale			2768	2935	
Gordon			2935	2961	
Dev. Shale			2961	6132	
Onondaga Limestone			6132	6230	
Oriskany			6230	6247	Hole plugged back
Lime			6247	6466	6800-7000 36 sks
Dolomite			6466	6937	6100-6300 46 sks
Newburg			6937	6950	Drillable plug set @
Dolomite			6950	7114	6050 inside of
Keifer			7114	7134	
Rose Hill			7134	7532	
Juniata			7532	7641	
DTD			7635		
LTD			7641		

NEED to Be Cemented

Hole plugged back
 6800-7000 36 sks
 6100-6300 46 sks
 Drillable plug set @
 6050 inside of
 RECEIVED
 WV Department of
 Environmental Protection
 MAR 01 2023

(Attach separate sheets as necessary)

ASHLAND EXPLORATION, INC.
 Well Operator
 By: D. J. Belcher
 Date: October 4, 1982

Note: Regulation 2.02(i) provides as follows:
 "The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."

03/17/2023

4701900474

WW-4A
Revised 6-07

1) Date: February 15, 2023
2) Operator's Well Number
1

3) API Well No.: 47 - 019 - 00474

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 ACIN LLC	Name Kingston Mining Inc.
Address 5620 Irwin Road	Address 622 Packs Branch Road, P.O. Box 69
Huntington, WV 25705	Pax, WV 25904
(b) Name	(b) Coal Owner(s) with Declaration
Address	Name ACIN LLC
	Address 5260 Irwin Road
	Huntington, WV 25705
(c) Name	Name
Address	Address
6) Inspector Terry Urban	(c) Coal Lessee with Declaration
Address P.O. Box 1207	Name Kingston Mining Inc
Clendenin, WV 25045	Address 622 Packs Branch Road, P.O. Box 69
Telephone 304-549-5915	Pax, WV 25904

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 and by publication in certain circumstances) on or before the day of mailing or delivery to the Chief.

Office of Oil and Gas
MAR 01 2023
WV Department of Environmental Protection



Well Operator: Diversified Production, LLC
 By: Austin Suttler
 Its: Asset Retirement Manager
 Address: 414 Summers Street
 Charleston, WV 25301
 Telephone: 304-419-2562

Subscribed and sworn before me this 15th day of February, 2023
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.

03/17/2023

SURFACE OWNER WAIVER

Operator's Well
Number

1

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW4-A

The well operator named on page WW-4A is applying for a permit from the State to plug and abandon a well. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.

NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.

WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:

Chief, Office of Oil and Gas
Department of Environmental Protection
601 57th St, SE
Charleston, WV 25304
(304) 926-0450

RECEIVED
Office Of Oil and Gas
MAR 01 2023
WV Department of
Environmental Protection

Time Limits and methods for filing comments. The law requires these materials to be served on or before the date the operator files his Application. You have **FIVE (5) DAYS** after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

The Chief has the power to deny or condition a well work permit based on comments on the following grounds:

- 1) The proposed well work will constitute a hazard to the safety of persons.
- 2) The soil erosion and sediment control plan is not adequate or effective;
- 3) Damage would occur to publicly owned lands or resources;
- 4) The proposed well work fails to protect fresh water sources or supplies;
- 5) The applicant has committed a substantial violation of a previous permit or a substantial violation of one or more of the rules promulgated under Chapter 22, and has failed to abate or seek review of the violation...

If you want a copy of the permit as it is issued or a copy of the order denying the permit, you should request a copy from the Chief.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice and Application For A Permit To Plug And Abandon on Forms WW-4A and WW-4B, and a survey plat.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

FOR EXECUTION BY A NATURAL PERSON

Signature _____ Date _____

Name Gregory F. Wooten Date 2/22/23
By ACIAP LLC
Its Senior VP & Chief Engineer

Signature [Signature] Date 2/22/23

FOR EXECUTION BY A CORPORATION,

4701900474

WW-4B

API No. 47-019-00474
Farm Name Lawson W. Hamilton, Jr.
Well No. 1

**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.

RECEIVED
Office Of Oil and Gas
MAR 01 2023
WV Department of
Environmental Protection

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: 3/22/23

By: 
Gregory F. Wooten
Its Senior VP & Chief Engineer

03/17/2023

WW-4B

API No. 47-019-00474
Farm Name Lawson W. Hamilton, Jr.
Well No. 1

4701900474

**INSTRUCTIONS TO COAL OPERATORS
OWNERS AND LESSEE**

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

This notice and application is given to you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not the operator will proceed to plug and fill said well in the manner required by Section 24, Article 6, Chapter 22 of the Code and given in detail on obverse side of this application.

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

WAIVER

The undersigned coal operator X / owner / lessee X / 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: 2/23/2023

By: [Signature]
Its James A. Cooper
Authorized Agent

RECEIVED
Office of Oil and Gas
MAR 01 2023
Department of Environmental Protection

47 019 00474
well I

47-019-00474

7022 1670 0001 8750 6426

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

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

Pax, WV 25904

OFFICIAL USE

Certified Mail Fee	\$4.15
Extra Services & Fees (check box, add fees as appropriate)	\$7.35
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00
<input type="checkbox"/> Return Receipt (electronic)	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00
<input type="checkbox"/> Adult Signature Required	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00
Postage	\$1.74
Total	\$13.24

0523
07

Postmark
Here

02/16/2023

47-019-00474

Kingston Mining Inc.
622 Packs Branch Road
P.O. Box 69
Pax, WV 25904

PS Instructions

7022 1670 0001 8750 6419

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

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

Huntington, WV 25705

OFFICIAL USE

Certified Mail Fee	\$4.15
Extra Services & Fees (check box, add fees as appropriate)	\$7.35
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00
<input type="checkbox"/> Return Receipt (electronic)	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00
<input type="checkbox"/> Adult Signature Required	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00
Postage	\$1.98
Total	\$13.48

0523
07

Postmark
Here

02/16/2023

47-019-00474

ACIN LLC
5620 Irwin Road
Huntington, WV 25705

PS See reverse for instructions

RECEIVED
Office Of Oil and Gas
MAR 01 2023
WV Department of
Environmental Protection

03/17/2023

WW-9
(5/16)

4701900474
API No. 47 019 00474
Operator's Well No. 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) Milburn Creek of Paint Creek of Kanawha River Quadrangle Pax

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 UIC: WC Booker #1 47-039-02327 UIC2D0392327 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: _____

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? _____

RECEIVED
Office Of Oil and Gas
MAR 01 2023
WV Department of
Environmental Protection

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.

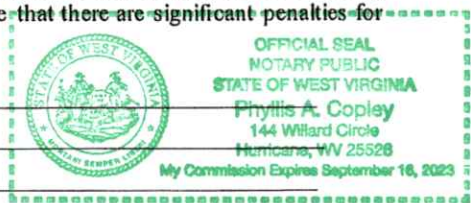
I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations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



Subscribed and sworn before me this 15th day of February, 20 23

Phyllis A. Copley Notary Public

My commission expires September 16, 2023

03/17/2023

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
MAR 01 2023
WV Department of
Environmental Protection

Title: Insp. Dept. Gas Date: 2.21.23

Field Reviewed? Yes No

WW-7
8-30-06



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

API: 47-019-00474 WELL NO.: 1

FARM NAME: Lawson W. Hamilton, Jr.

RESPONSIBLE PARTY NAME: Diversified Production LLC

COUNTY: Fayette DISTRICT: Kanawha

QUADRANGLE: Pax

SURFACE OWNER: ACIN LLC

ROYALTY OWNER: Lawson Hamilton family etal or New River Estates LLC

UTM GPS NORTHING: 473471.6

UTM GPS EASTING: 4203201.69 GPS ELEVATION: 1436.95'

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 Suter
Date: 2023.02.14 14:22:29
-05'00'

Asset Retirement Manager
Title

2/14/2023
Date

RECEIVED
Office Of Oil and Gas
MAR 01 2023
WV Department of
Environmental Protection



DIVERSIFIED
energy
100 Diversified Way
Pikeville KY, 41051

47-019-00474

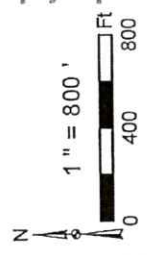
Plugging Map

Legend

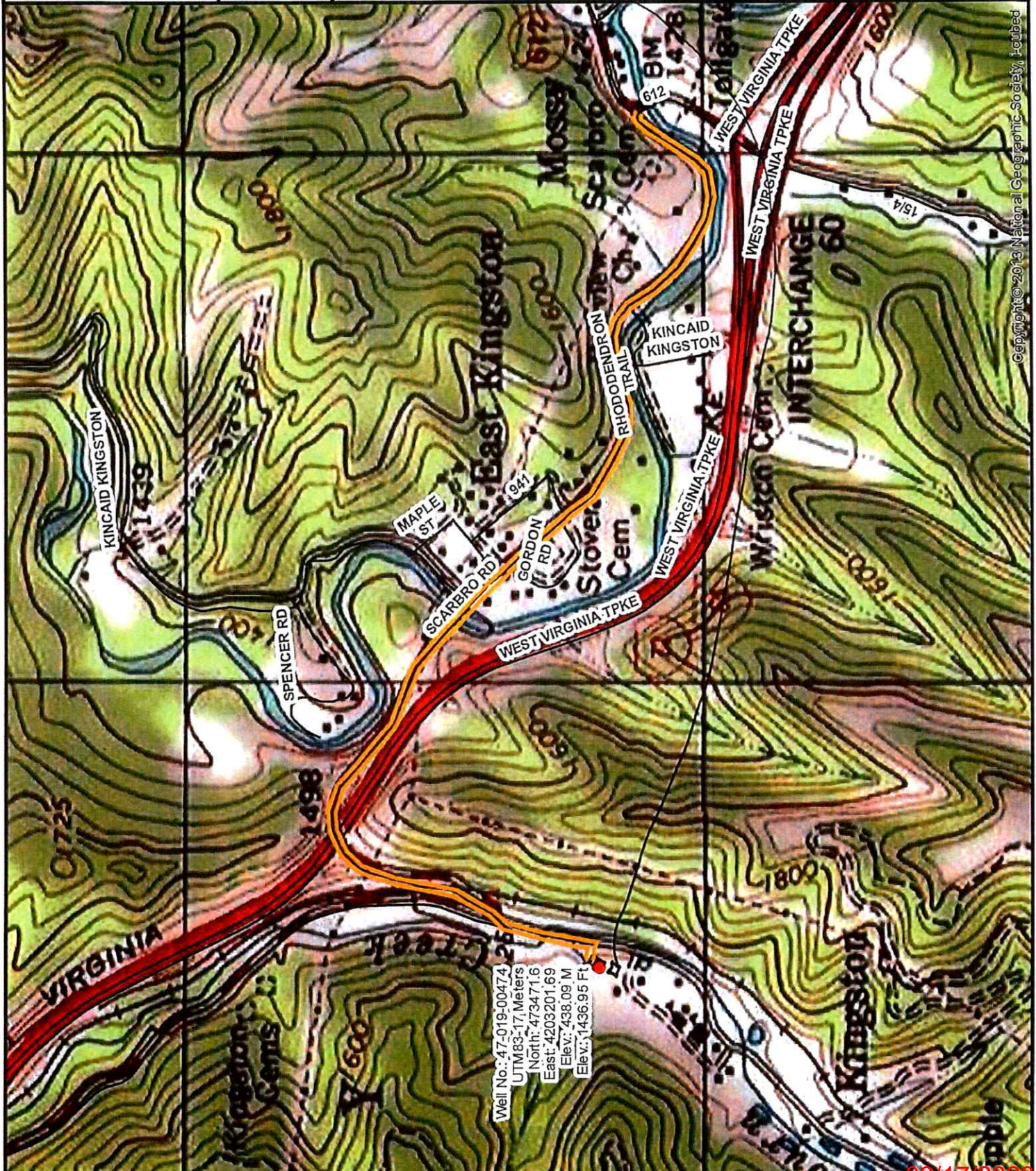
- Well
- Access Road
- Pits
- Pad
- Public Roads

1 pit
10' W
20' L
5' D
285 bbl

RECEIVED
Office Of Oil and Gas
MAR 01 2023
WV Department of
Environmental Protection



4701900474



Well No.: 47-019-00474
UTM83-17, Meters
North: 473471.6
East: 4203201.69
Elev.: 438.09 M
Elev.: 1436.95 Ft

Copyright © 2013 National Geographic Society, Inc.

03/17/2023



DIVERSIFIED
energy

47 0 19 0 0 4 7 4

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.

RECEIVED
Office Of Oil and Gas

MAR 01 2023

WV Department of
Environmental Protection

03/17/2023



February 15, 2023

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:

47-019-00474 Lawson W. Hamilton, Jr. Well Number: 1

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

Sincerely,

Austin Sutler
Asset Retirement Manager

RECEIVED
Office Of Oil and Gas

MAR 01 2023

WV Department of
Environmental Protection

03/17/2023



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.

RECEIVED
Office of Oil and Gas
MAR 01 2023

WV Department of
Environmental Protection

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

MAR 01 2023

WV Department of
Environmental Protection

Well: 1
API: 47-019-00474

PLUGGING PERMIT CHECKLIST

Plugging Permit

- WW-4B
- WW-4B signed by inspector
- WW-4A
- SURFACE OWNER WAIVER or PROOF THAT APPLICATION WAS SENT BY REGISTERED OR CERTIFIED MAIL
- COAL OWNER/COAL OPERATOR/COAL LESSEE WAIVERS or PROOF THAT APPLICATION WAS SENT BY REGISTERED OR CERTIFIED MAIL
- WW-9 PAGE 1 (NOTARIZED)
- WW-9 PAGE 2 with attached drawing of road, location, pit and proposed area for land application
- WW-9 GPP PAGE 1 and 2 if well effluent will be land applied
- RECENT MYLAR PLAT OR WW-7
- WELL RECORDS/COMPLETION REPORT
- TOPOGRAPHIC MAP OF WELL, SHOWING PIT IF PIT IS USED
- MUST HAVE VALID BOND IN OPERATOR'S NAME
- CHECK FOR \$100 IF PIT IS USED

RECEIVED
Office Of Oil and Gas
MAR 01 2023
WV Department of
Environmental Protection



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

plugging permit issued 4701900474

1 message

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

Mon, Mar 13, 2023 at 9:14 AM


To: Austin Sutler <asutler@dgoc.com>, Terry W Urban <terry.w.urban@wv.gov>, Phyllis Copley <pcopley@dgoc.com>, eyoung1@assessor.state.wv.us


To whom it may concern, a plugging permit has been issued for 4701900474.

James Kennedy

WVDEP OOG

2 attachments

 **IR-8 4701900474.pdf**
120K

 **4701900474.pdf**
2962K

03/17/2023