

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 10733 47-097-00884-00-00

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: 10733

Farm Name: ROHR, JAMES L.

U.S. WELL NUMBER: 47-097-00884-00-00

Vertical Plugging
Date Issued: 11/15/2022

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. <u>Failure to adhere to the specified permit conditions may result in enforcement action.</u>

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.

WW-4B Rev. 2/01 1) Date September 29 7 0 10 28 8 4 P
2) Operator's
Well No. Well 10733
3) API Well No. 47-097 -00884

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

| | APPLICATION FOR A PE | RMIT TO PLUG AND ABAND | OON |
|---|---|--|--|
| 4) Well T | ype: Oil/ Gas X/ Liqu | id injection / Wa | ste disposal / |
| | (If "Gas, Production X or U | nderground storage |) Deep / Shallow X |
| | | | _,,, |
| 5) Locati | on: Elevation 1652.61 feet | _ Watershed Pecks Rur | of Buckhannon River |
| | District Warren | County_Upshur C | madrangle Century |
| | Discounified Developing | | 2.50 |
| | Diversified Production LLC | _ 7) Designated Agent | Charles Shafer |
| a de la companya de | Address 414 Summers Street Charleston, WV 25301 | Address | 414 Summers Street Charleston, WV 25301 |
| | Gharleston, WV 25301 | - | Sharleston, VVV 25301 |
| 8) Oil and | d Gas Inspector to be notified | Al Divagina Control | |
| Name | 0 111 | 9)Plugging Contract Name NextL | or .VL Energy |
| Addı | cess P.O. Box 2327 | | Pleasantview Ridge Road |
| | Buckhannon, WV 26201 | | swood, WV 26164 |
| - | | | |
| | | | |
| | See Att | RECEIVE Office of Oil an OCT 1 3 21 WV Departmental Prote | g Gas 022 |

Plugging Prognosis

47097008846

API#: 4709700884

West Virginia, Upshur County

Lat/Long: 39.0959049100464, -80.247955915582

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

Casing Schedule

10" @ 349' (cemented to surface w/ 110 sks cmt) 8-1/4" @ 1918' (cemented to surface w/ 280 sks cmt) 4-1/2" @ 4922' (cemented to 3462' w/ 105 sks cmt) TD @ 4922'

Completion: Producing Formation – 4820'-4824'

RECEIVED Office of Oil and Gas

OCT 1 3 2022

WV Department of

Environmental Protection

Fresh Water: 48' Salt Water: 1318'

Gas Shows: 1257'-1258'; 1318'-1320'; 1560'-1565'; 2210'-2230'; 4820'-4824'

Oil Shows: none listed

Coal: 24'-26'; 675'-676' 1126'-1127'

Elevation: 1655'

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 4824'. Kill well as needed with 6% bentonite gel and fill rat hole with gel. Pump at least 10 bbls gel. Pump 104' Class A/Class L cement plug from 4824' to 4720' (Producing formation plug). Tag TOC. Top off as needed.
- 5. TOOH w/ tbg to 4720'. Pump 6% bentonite gel from 4720' to 2230'.
- 6. Free point 4-1/2" tbg. Cut and TOOH. Set 100' Class A/Class L cement plug across csg cut. 50' in/out of cut. TOOH w/ tbg to top of plug. Do not omit any plugs listed below. Perforate as needed.
- 7. TOOH w/ tbg to 2230'. Pump 362' Class A/Class L cement plug from 2230' to 1868' (Gas show and 8-1/4" csg shoe plug).
- 8. TOOH w/ tbg to 1868'. Pump 6% bentonite gel from 1868' to 1655'.
- 9. TOOH w/ tbg to 1655'. Pump 195' Class A/Class L cement plug from 1655' to 1460' (Gas show and elevation plug).
- 10. TOOH w/ tbg to 1460'. Pump 6% bentonite gel from 1460' to 1320'.
- 11. TOOH w/ tbg to 1320'. Pump 244' Class A/Class L cement plug from 1320' to 1076' (Gas shows, salt water and coal show plug).
- 12. TOOH w/ tbg to 1076'. Pump 6% bentonite gel from 1076' to 726'.
- 13. TOOH w/ tbg to 726'. Pump 101' Class A/Class L cement plug from 726' to 625' (Coal show plug).
- 14. TOOH w/ tbg to 625'. Pump 6% bentonite gel from 625' to 399'.
- 15. TOOH w/ tbg to 399'. Pump 100' Class A/Class L cement plug from 399' to 299' (10" csg shoe plug).
- 16. TOOH w/ tbg to 299'. Pump 6% bentonite gel from 299' to 100'.
- 17. TOOH w/ tbg to 100'. Pump 100' Class A/Class L cement plug from 100' to Surface. (Surface plug).
- 18. Reclaim location and well road to WV DEP specifications and erect P&A well monument



11/18/2022

STATE OF WEST VIRGINIA DEPARTMENT OF MINES Rotary Spudder \mathbf{x} Cable Tools

Storage

Quedrangle PHILIPPI OIL AND GAS DIVISION 34 Permit No. ups-884 WELL RESORD

ROCK PPESSURE AFTER TREATMENT....

oil None

RESULT AFTER TREATMENT (Initial open Flow or bbls.).....

| | | | Cil or | Gas Well Gas (KIND) |
|---|----------------------|---------------------|---------------------------|--------------------------|
| Company Consolidated Gas Supply Corporation Address Clarkshurg, W. Va. | Casing and Tubing | Used in Drilling | Left in Well | Packers |
| Farm GUY ROLL Acres 77. Location (waters) | Size | | | Kind of Packer |
| Well No. 10/35 | 13 | | | |
| District Warren County Upshur | 19 | | 349 | Size of |
| The surface of tract is owned in fee by | 81/4 | 1918 | 1918 | |
| Address | 6% | | | Depth set |
| Mineral rights are owned by | * 3/16 | | | |
| Address | 314 1 | | | |
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| Orilling completed6-16-65 | 2 | | | Perf. bottom |
| Oate Shot Not shot Prom | Liners Used | | | Perf. top |
| Open Flow /: Oths Water in Inch | Attach | | Series Automatical Series | Perf. bottom |
| /olume 5,886 M | Attach copy of co | NTED | SIZE BIL | l 110 bags No. Ft. Da |
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| VELL FRACTURED (DETAILS)No | | | | FEET INCHE |

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B) Jack Gailey

11/18/2022

Form 00-10

Benson 4810-S. & S. 4830-Total Depth

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STATE OF WEST VIRGINIA DEPARTMENT OF MINES Rotary

OIL AND GAS DIVISION

Spudder xx 🖽 x Cable Tools

| Quadrangle | PHILIPPI | | 12/12/12/12/12/12/12 | RECORD | | Storage | as Well. | Gas |
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47-097-00884 U.S. Postal Service™ **CERTIFIED MAIL® RECEIPT** Well 10733 0540 Domestic Mail Only For delivery information, visit our website at a Certified Mail Fee . h 2 E Extra Services & Fees (check b Return Receipt (hardcopy) Return Receipt (electronic) Postmark Certified Mail Restricted Del Adult Signature Required Adult Signature Res Total Pr Well 10733 47-097-00884 7022 Sent To Norman G. & Joyce L. Rohr 2599 Pringle Tree Road Buckhannon, WV 26201 City, Sti U.S. Postal Service™ **CERTIFIED MAIL® RECEIPT** Domestic Mail Only 53 For delivery information, visit ou RECEIVED Office of Oil and Gas 3 3 Extra Services & Fees (check box, add fee a 0001 SEP 3 0 2022 Return Receipt (electronic) Certified Mail Restricted Delivery Adult Signature Required WV Department of Adult Signature Restricted Deli Environmental Protection 2470 Well 10733 47-097-00884 7022 Richard A. Rohr 2902 Clarksburg Road Stre Buckhannon, WV 26201 City U.S. Postal Service™ **CERTIFIED MAIL® RECEIPT** Domestic Mail Only



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WW-4A Revised 6-07

| 1) | Date: | September 2 | 8, 2022 | | |
|----|--|-------------|---------|-------|--|
| 2) | Operator's Well Number 10733 | | oer | | |
| 3) | API Well i | No · 47 - | 097 | 00004 | |

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

| | NOTICE OF APPLICA | ATION TO PLUG AN | D ABANDON A WELL |
|--|--|---------------------------------|--|
| 4) Surface Owne (a) Name Address | er(s) to be served: See Allached List | 5) (a) Coal Operator Name | None |
| (b) Name Address | | (b) Coal Owr Name | ner(s) with Declaration Penn Virginla Operating Company, LLC 7 Sheridan SQ STE 400 |
| (c) Name Address | | Address | Kingsport, TN 37660 |
| Address | Sam Ward P.O. Box 2327 Buckhannon, WV 26201 304-389-7583 | | ee with Declaration No Declaration |
| (1) The app well its | plication to Plug and Abandon a Wel and the plugging work order; and | l on Form WW-4B, which se | red this Form and the following documents: |
| The reason you | t (surveyor's map) showing the well Is u received these documents is that you ha are not required to take any action at all. | | on which are summarized in the instructions on the reverses side. |
| Protection, with | h respect to the well at the location describ | bed on the attached Application | erator proposes to file or has filed this Notice and Application and office of Oil and Gas, West Virginia Department of Environmental and depicted on the attached Form WW-6. Copies of this Notice, ared by hand to the person(s) named above (or by publication in |
| | | | |

OFFICIAL SEAL
NOTARY PUBLIC
STATE OF WEST VIRGINIA
Phyllis A. Copley
144 Willard Circle
Hurricane, WV 25528
My Commission Expires September 16, 2023

| Well Operator | Diversified Production, LLC | |
|---------------|-----------------------------|----------------------|
| By: | Austin Sutler Surt Sutt | RECEIVED |
| Its: | Plugging Manager | Office of Oil and Ga |
| Address | 414 Summers Street | 007 |
| | Charleston, WV 25301 | OCT 1 3 2022 |
| l'elephone | 304-419-2562 | |
| | | M// D |

WV Department of Environmental Protection

Subscribed and sworn before me this 28 day of Septem be

Notary Public

My Commission Expires

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.

4709700884 8

Well 10733

47-097-00884

Surface Owners

James L. Rohr P.O. Box 4323 Clarksburg, WV 26302

Norman G. & Joyce L. Rohr 2599 Pringle Tree Road Buckhannon, WV 26201

Richard A. Rohr 2902 Clarksburg Road Buckhannon, WV 26201

RECEIVED
Office of Oil and Gas

OCT 1 3 2022

WV Department of Environmental Protection WW-9 (5/16)

API No. 47 097 00884 Operator's Well No. Well 10733

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) Pecks Run of Buckhannon River | Quadrangle Century |
| Do you anticipate using more than 5,000 bbls of water to Will a pit be used? Yes No | |
| If so, please describe anticipated pit waste: Pro | duced 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 Wast | es: $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ |
| Underground Injection (UIC F Reuse (at API Number Off Site Disposal (Supply form | |
| Will closed loop systembe used? If so, describe: | |
| | izontal)? Air, freshwater, oil based, etc. |
| | c |
| Additives to be used in drilling medium? | |
| Drill cuttings disposal method? Leave in pit, landfill, remo | ved offsite, etc |
| | ll be used? (cement, lime, sawdust) |
| -Landfill or offsite name/permit number? | |
| Permittee shall provide written notice to the Office of Oil a | and Gas of any load of drill cuttings or associated waste rejected at any ided within 24 hours of rejection and the permittee shall also disclose |
| provisions of the permit are enforceable by law. Violations or regulation can lead to enforcement action. I certify under penalty of law that I have perso application form and all attachments thereto and that bases | |
| 5 - VI- | |
| Subscribed and sworn before me this day o | f September, 20 22 RECEIVED Office of Oil and Gas |
| My commission expires September 1 | Notary Public OCT 13 2022 |
| | WV Department of |

Environmental Protection

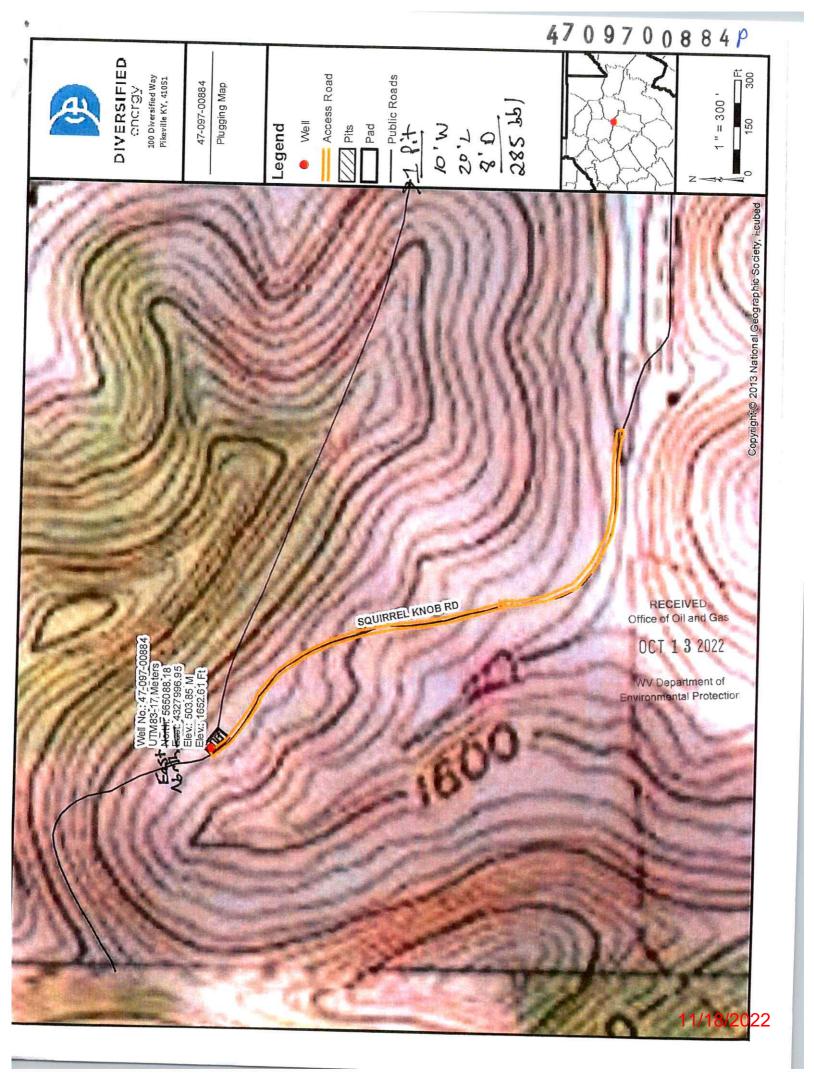
| Proposed Revegetation Treatment: Acre | Disturbed 1 +/- Pre | eveg etation pH |
|---------------------------------------|---------------------|--------------------------------|
| Lime 3 Tons/a | | - Secucion pri |
| To-4:1: 10-20-20 or equivalent | | _ |
| Fertilizer amount | | |
| Mulch 2 | | |
| | Seed Mixtures | |
| Temporary | | Permanent |
| Seed Type lbs/ac | Seed 7 | Type lbs/acre |
| Red Fescue 40 | Red Fescue | |
| Alsike 5 | Alside Clover | r 5 |
| Annual Rye 15 | | |
| Plan Approved by: Sun u | landet | |
| Comments: | | |
| | | |
| | | |
| | | |
| | | RECEIVED Office of Oil and Gas |
| | | RECEIVED Office of Oil and Gas |



West Virginia Department of Environmental Protection Office of Oil and Gas

WELL LOCATION FORM, CDS

| WELLL | OCATION FORM: GF | $^{ m PS}$ |
|---|---|--|
| _{API:} 4709700884 | WELL NO.: | 10733 |
| FARM NAME: Norman G | 6. Rohr ET AL | |
| RESPONSIBLE PARTY NAME | Diversified Produc | tion LLC |
| COUNTY: Upshur | DISTRICT: W | |
| QUADRANGLE: Century | | |
| SURFACE OWNER: | & DONNA MARTINO ET AL/ Norman G & J | oyce L Rohr/ Richard A Rohr |
| ROYALTY OWNER: Divers | | |
| UTM GPS NORTHING: 4327 | 996.95 | |
| UTM GPS EASTING: 56508 | 8.18 GPS ELEVA | _{EION} . 1652.61' |
| The Responsible Party named above preparing a new well location plat if above well. The Office of Oil and Othe following requirements: 1. Datum: NAD 1983, Zon height above mean sea le 2. Accuracy to Datum – 3. 3. Data Collection Method Survey grade GPS: Post Proceedings of the property of the property of the proceeding of the property of the | For a plugging permit or assigned Gas will not accept GPS coordinate: 17 North, Coordinate Units: mevel (MSL) – meters. | API number on the tes that do not meet neters, Altitude: Office of Oil and Gas OCT 1 3 2022 |
| Real-T | ime Differential | WV Department of Environmental Protection |
| Mapping Grade GPS X : Pos | | Protection |
| | ll-Time Differential | |
| belief and shows all the information prescribed by the Office of Oil and O | required by law and the regulation | I 1 1 1 |
| Digitally signed by Austin Sutler Date: 2022.04.12 15:24:53 | Sr. Proj. Manager | 4/22/2022 |
| Signature | Title | Date |



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.





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:

47-097-00884

ROHR G

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

Sincerely,

Austin Sutler Asset Retirement Manager



west virginia department of environmental protection

Office of Oil and Gas 601 57th Street, SE Charleston, WV 25304 Phone (304) 926-0450

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

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

| IN THE MATTER OF A VARIANCE FROM LEGISLATIVE RULE 35CSR4 SECTION 14.1. AND LEGISLATIVE RULE 35CSR8 SECTION 20.1, RELATING TO THE CEMENTING OF OIL AND GAS WELLS |))) | ORDER NO. | 2022-13 |
|---|-------|-----------|---------|
| 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

- 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.
- 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.

 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



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

Plugging permits issued 4709700343, 00884, 01390, 01790

1 message

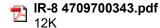
Kennedy, James P <james.p.kennedy@wv.gov> Tue, Nov 15, 2022 at 3:20 PM To: Samuel D Ward <samuel.d.ward@wv.gov>, Phyllis Copley <pcopley@dgoc.com>, Austin Sutler <asutler@dgoc.com>, dwzickefoose@upshurcounty.org

To whom it may concern, plugging permits have been issued for 4709700343, 00884, 01390, 01790.

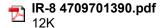
James Kennedy

WVDEP OOG

8 attachments







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4709700884.pdf 3552K

TR-8 4709701790.pdf
12K

4709701790.pdf 2903K