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west virginia department of environmental protection

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

Harold D. Ward, Cabinet Secretary  
[www.dep.wv.gov](http://www.dep.wv.gov)

Tuesday, December 20, 2022  
WELL WORK PLUGGING PERMIT  
Vertical Plugging

UNKNOWN - DEP PAID PLUGGING CONTRACT  
601 57TH STREET

CHARLESTON, WV 25304

Re: Permit approval for 1  
47-017-00814-00-00

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:  
Farm Name: MAYLE, EDNA  
U.S. WELL NUMBER: 47-017-00814-00-00  
Vertical Plugging  
Date Issued: 12/20/2022

# PERMIT CONDITIONS 4701700814

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

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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.



4701700814

info@sww.com  
www.sww.com

Jason Harmon, Deputy Director  
WV Department of Environmental Protection  
Office of Oil & Gas  
601 57<sup>th</sup> Street, SE  
Charleston, WV 25304-2345

Dear Mr. Harmon,

Please find enclosed a permit application to plug API# 47-017-00814 in the West Union District, Doddridge County. It is a part of the multi-well plugging contract for the Orphan and Abandoned Well Program for Region 1. The plugging contractor is Next Level Energy, operating under the Region 1 contract. The surface owner and inspector have been mailed copies of the permit application. The signed waivers will be forwarded to you as we receive them.

Please note that we will supplement the IR-9 forms as they are completed.

If you have any questions or comments please do not hesitate to contact me.

Jim Mencer  
Permitting Technician  
SLS Land & Energy Development  
304-462-5634

12 Vanhorn Drive, Glenville, WV 26351  
1412 Kanawha Boulevard East, Charleston, WV 25301  
254 East Beckley Bypass, Beckley, WV 25801  
**304-462-5634**

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4701700814

WW-4B  
Rev. 2/01

1) Date November 16, 2022  
2) Operator's  
Well No. Edna Mayle No.1  
3) API Well No. 47-017 - 00814

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 \_\_\_ or Underground storage \_\_\_) Deep \_\_\_ / Shallow X

5) Location: Elevation 835' Watershed Buckeye Fk. of Middle Island Creek  
District Grant County Doddridge Quadrangle Smithburg 7.5'

6) Well Operator Unknown WV DEP Paid Plugging Contract 7) Designated Agent Jason Harmon  
Address 601 57th St, SE Address 601 57th Street  
Charleston, WV 25304 Charleston, WV 25304

8) Oil and Gas Inspector to be notified 9) Plugging Contractor  
Name Sam Ward Name Next Level Energy  
Address P.O. Box 2327 Address 104 Heliport Loop  
Buckhannon, WV 26201 Bridgeport, WV 26330

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

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change elevation plu  
to 868'-768

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

Work order approved by inspector  Date 12/15/2022

12/23/2022



## PLUGGING PROGNOSIS

West Virginia, Doddridge County  
API # 47-017-00814

**Casing Schedule**

6-5/8" csg @ 1226' (no cement data)  
4-1/2" csg @ 1800' (no cement data)  
2" tbg @ 1690'  
TD @ 1800'

**Completion:** 1678'-1692'; 1714'-1718'; 1730'-1736'

**Fresh Water:** 55'

**Saltwater:** None Reported

**Coal:** 318'-320'

**Oil Show:** None Reported

**Gas Show:** 1680'-1690'; 1705'

**Elevation:** 818'

1. Notify inspector, Sam Ward @ 304-389-7583, 48 hrs. prior to commencing operations.
2. Check wellhead pressure and tag TD w/ sand line, Pull and L/D tbg.
3. Run in to depth @ 1780'. Kill well as needed with 6% bentonite gel and fill rat hole. Pump at least 10 bbls gel. Pump 158' Class A/Class L cement plug from **1736' to 1578' (completion and gas show plug)**. Tag TOC. Top off as needed.
4. TOOH w/ tbg to 1578'. Pump 6% bentonite gel from 1578' to 1276'
5. Run CBL to check for TOC.
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 1276'. Pump 100' Class A/Class L Cement plug from **1276' to 1176' (6-5/8" csg shoe plug)**
8. TOOH w/ tbg to 1176'. Pump 6% bentonite gel from 1176' to 818'
9. Run CBL to check for TOC.
10. Free point 6-5/8" 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.**
11. TOOH w/ tbg to 818'. Pump 100' Class A/Class L Cement plug from **818' to 718' (Elevation plug)change elevation plu to 868'-768,**
12. TOOH w/ tbg to 718'. Pump 6% bentonite gel from 718' to 370'
13. TOOH w/ tbg to 370'. Pump 102' Class A/Class L Cement plug from **370' to 268' (Coal plug)**
14. TOOH w/ tbg to 268'. Pump 6% bentonite gel from 268' to 100'
15. TOOH w/ tbg to 100'. Pump 100' Class A/Class L Cement plug from **100' to Surface (FW and Surface plug)**
16. Erect monument with API#, date plugged, & company name.
17. Reclaim location and road to WV-DEP specifications.

IMR 12/15/2022



12/15/2022

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4701700814



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

Quadrangle Centerpoint  
Permit No. Doddridge 814

WELL RECORD

Oil or Gas Well GAS  
(KIND)

Company Frank Moore and James Norris  
Address Glenville West Virginia  
Farm Edna Mayle et al Acres 23  
Location (waters) Duckeye Crk 837' Elev. 10130' Size 10 1/2"  
Well No. One Elev. 910 16  
District Grant County Doddridge 75' 13  
The surface of tract is owned in fee by Edna E. Mayle  
Address Salem W. Va.  
Mineral rights are owned by Edna E. Mayle et al  
& Jno Whalen hrs Address Salem W. Va.  
Drilling commenced June 13, 1962  
Drilling completed July 13, 1962  
Date Shot From To  
With  
Open Flow 10ths Water in 100 10ths Meas in and Inch  
Volume 388,770 Cu. Ft.  
Rock Pressure 160 lbs. 12 hrs.  
Oil None bbls., 1st 24 hrs.  
WELL ACIDIZED None

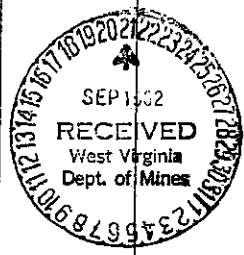
Casing and Tubing	Used in Drilling	Left in Well	Packers
			None
			Kind of Packer
			Size of
			Depth set
			Perf. top <u>1480</u>
			Perf. bottom <u>1490</u>
			Perf. top
			Perf. bottom

CASING CEMENTED 6 5/8 SIZE 1226 No. Ft. 1226 Date  
1 1/2" cemented at 1600  
COAL WAS ENCOUNTERED AT 316-390 FEET 18 INCHES  
FEET INCHES FEET INCHES  
FEET INCHES FEET INCHES

WELL FRACTURED By Halliburton Co of Parkersburg W. Va. At 1678 to 1692 and 1714 to 1718 and 1730 to 1736

RESULT AFTER TREATMENT  
ROCK PRESSURE AFTER TREATMENT 110  
Fresh Water Feet Salt Water Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
(SEE COPY OF LOG HERETO ATTACHED)							1757



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Moore &amp; Norris # 1 Mayle - Grant Dist- Doddridge Co W.Va.

1042-1045 light gray oolitic med sand- Top 1 st SALT SAND  
 1045-1068 Hard light brown & ~~gray~~ grayish white sand. Med. SPOTS OIL  
 1068-1070 Black shale, laminated  
 1070-1080 Coarse hard Gray tan sand  
 1080-1090 " green gray brown sandy conglomerate  
 1090-1100 " Dark sandy shale streaks of lignite  
 1100-1120 fine dark and brown sandy shale  
 1120-1150 Coarse whitish gray sand oolitic  
 1150-1160 coarse lignitic shale  
 1160-1180 coarse dark sandy lime, streaks lignitic shale, mica. ovr  
 1180-1218 coarse whitish gray hard sand- water sand at base, 100% ft nite  
 1218-1225 coarse hard white crystalline angular sand  
 1225-1230 dark gray sand stone- breaks brown rock and lignitic shale  
 1230-1240 Black gray sand thin streaks lignitic shale  
 1240-1245 Hard dark gray sand thin shells shaley lime, lots mica frag.  
 1245-1250 Fine tan to gray hard lime, arenaceous  
 1250-1260 Hard dark gary sandy lime  
 1260-1280 fine to coarse tan gary sandy lime and streaks thin black shale  
 1280-1295 Med Gray sand, limey and hard  
 1295-1320 coarse tan-gray green sandy lime- thin breaks black shale  
 1320-1332 coarse black gray quartzitic sand, little lime  
 1332- 1335 coarse white crystalline sand  
 1335-1350 Black shale- gray and brown hard sand  
 1350-1355 Dark to light gray greenish sand very fine and hard  
 1355-1360 Brown and gary sandy lime- fine and hard  
 1360-1405 Whitish gray hard crystalline sand- 3 rd SALT SAND.  
 1405-1450 coarse hard dark gray sandy shale-(Top Mississippi system)  
 1450-1460 fine dark gray sandy shale  
 1460-1475 coarse black shale and arenaceous streaks  
 1475-1490 Med. Greenish gray sand  
 1490-1495 Med sandy lime gray  
 1495-1510 Red sand rock & streaks gray lime  
 1510-1520 coarse red & gray sandy shale  
 1520-1540 fine silty red sand and greenish gray sandy lime  
 1540-1550 Red and gray sandy shale  
 1550-1555 Fine grayish sandy lime - MAXTON SAND ZONE  
 1555-1560 Red Shale  
 1560-1565 Red and Gray sandy shale  
 1565-1590 Fine dark gray-brown & black lime, chert and arenaceous streaks  
 1590-1595 Fine brown and gray lime.  
 1595-1597 Black shale coarse flakey, calcareous- PENCIL CAVE  
 1597-1615 Red & greenish Gary shale streaks of lime  
 1615-1650 Tan-Gray hard lime, med, cherty- (drilled 40 ft in 12 hours)  
 1650-1660 coarse flakey hard tan gray lime- arenaceous, dolomitic shale  
 1660-1668 Med tan gray hard lime specks pf white sand.  
 1668- 1680 Fine very hard light gray sandstone- conglomerate streaks lime  
 1680-1690 light gray quartzitic sand-(GAS SHOW) ( TOP BIG INJUN ZONE )  
 1690-1720 Fine hard white to tan quartzitic sand - gas at 1705  
 1720-1752 Med to coarse tan-gray sand- calcareous, pyrite. GAS @ 1730  
 1752-1757 Lime shells, sandy, dark dolomitic shale BASE BIG INJUN  
 1757-1770 Med Gray dolomitic shale sandy  
 1770-1783 Coarse gray dolomitic shale sandy  
 1783-1800 coarse Black gray dolomitic shale, arenaceous and thin lime shell

Total depth.

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2021 2720 0001 6303 6741

**SMITH LAND SURVEYING, INC.**

12 Vanhorn Drive  
PO Box 150  
Glennville, WV 26351

**TO:**

LEE & REGINA MCELWAIN  
965 SALEM LONG RUN RD.  
WEST UNION, WV 26456

**SENDER: COMPLETE THIS SECTION**

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

LEE & REGINA MCELWAIN  
965 SALEM LONG RUN RD.  
WEST UNION, WV 26456

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  **X**

Agent  
 Addressee

B. Received by (Printed Name) C. Date of Delivery

D. Is delivery address different from item 1?  Yes  
If YES, enter delivery address below:  No

3. Service Type
- Adult Signature
  - Adult Signature Restricted Delivery
  - Certified Mail®
  - Certified Mail Restricted Delivery
  - Priority Mail Express®
  - Registered Mail™
  - Registered Mail Restricted Delivery
  - Return Receipt for Merchandise



9590 9402 4307 8190 3806 25

RDC 99

26456

**\$9.41**

R2305E12414-7

12/23/2022

WEST UNION, WV  
NOV 17 22  
AMOUNT



4701700814

WW-4A  
Revised 6-07

1) Date: November 16, 2022  
2) Operator's Well Number  
Edna Mayle No. 1

3) API Well No.: 47 - 017 - 00814

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

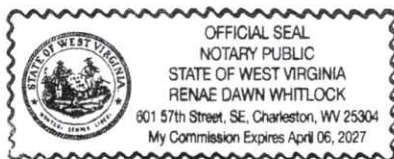
4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>Lee &amp; Regina McElwain</u>	Name <u>N/A</u>
Address <u>965 Salem Long Run Rd.</u>	Address _____
<u>West Union, WV 26456</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>N/A</u>
_____	Address _____
(c) Name _____	Name _____
Address _____	Address _____
_____	_____
6) Inspector <u>Sam Ward</u>	(c) Coal Lessee with Declaration
Address <u>P.O. Box 2327</u>	Name <u>N/A</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	<u>Unknown WVDEP Paid Plugging Contract</u>
By:	<u>Jason Harmon, WV DEP</u>
Its:	<u>Deputy Chief - Agent</u>
Address	<u>601 57th Street, SE</u>
	<u>Charleston, WV 25304</u>
Telephone	<u>304-926-0499</u>

*Jason Harmon*

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WV Department of Environmental Protection

Subscribed and sworn before me this 21st day of November 2022  
Renae Dawn Whitlock Notary Public  
My Commission Expires April 6, 2027

**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](mailto:depprivacyofficer@wv.gov).

12/23/2022

**SURFACE OWNER WAIVER**

**47 0 17 0 0 8 1 4**

Operator's Well  
Number

Edna Mayle No.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 57<sup>th</sup> St. SE  
Charleston, WV 25304  
(304) 926-0450

**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 or more of the rules promulgated under Chapter 22, and has failed to abate or seek review of the violation...".

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**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  
ETC.

FOR EXECUTION BY A CORPORATION,

_____	Date _____	Name _____
Signature		By _____
		Its _____
		Date _____

Signature

Date 12/23/2022



4701700814

WW-4B

API No. 47-017-00814  
Farm Name Edna Mayle  
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.

**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: \_\_\_\_\_

By: \_\_\_\_\_

Its \_\_\_\_\_

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Office of Oil and Gas  
601 57<sup>th</sup> 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**

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Office of Oil and Gas

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WV Department of  
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**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.

12/23/2022

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

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WW-9  
(5/16)

4701700814

API Number 47 - 017- 00814  
Operator's Well No. Edna Mayle No.1

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
OFFICE OF OIL AND GAS  
FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name Unknow WV DEP Paid Plugging Contract OP Code \_\_\_\_\_

Watershed (HUC 10) Buckeye Fk. of Middle Island Creek Quadrangle Smithburg

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: \_\_\_\_\_

Will a synthetic liner be used in the pit? Yes  No  If so, what ml.? \_\_\_\_\_

Proposed Disposal Method For Treated Pit Wastes:

- Land Application (if selected provide a completed form WW-9-GPP)
- Underground Injection ( UIC Permit Number #27-774 )
- Reuse (at API Number \_\_\_\_\_)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain \_\_\_\_\_)

Will closed loop system be used? If so, describe: N/A

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

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

Additives to be used in drilling medium? N/A

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

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

-Landfill or offsite name/permit number? N/A

Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated waste rejected at any West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed.

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment.

Company Official Signature Jason Harmon  
Company Official (Typed Name) Jason Harmon, WV DEP  
Company Official Title Deputy Chief

RECEIVED  
Office of Oil and Gas  
NOV 21 2022  
WV Department of  
Environmental Protection

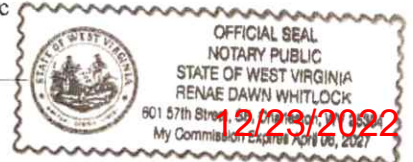
Subscribed and sworn before me this 21st day of November, 20 22

Renee Dawn Whitlock Notary Public

My commission expires April 6, 2027

[Signature]

12/15/2022



Proposed Revegetation Treatment: Acres Disturbed Less than an acre Prevegetation pH \_\_\_\_\_

Lime 3 Tons/acre or to correct to pH 6.0

Fertilizer type 20-20-20-

Fertilizer amount 500 lbs/acre

Mulch 2-3 Tons/acre


**Seed Mixtures**

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
		Fescue	30
		Clover	3
		Contractor Mix	10

**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:  12/15/2022

Comments: No Pit will be used.

RECEIVED  
Office of Oil and Gas  
NOV 21 2022  
WV Department of  
Environmental Protection

Title: OOG Inspector Date: 12/15/2022

Field Reviewed? (  ) Yes (  ) No



# EDNA MAYLE LEASE 33 ACRES WELL NUMBER 1 47-017-00814

(UTM(M) ZONE 17 NORTH)  
NAD'83 GEO. LAT-(N) 39.278951 LONG-(W) 80.670912  
NAD'83 UTM (M) N. 4,347,784 E. 528,384

NAD'83 GRID NORTH

LONGITUDE 00°00'00"  
4,632'

3-19-29  
LEON ASH REXFORD  
100.41 AC. ±

FENCE POST S 88°16' W 901.92'

3-20-19  
LEE & REGINA  
McELWAIN  
31.85 AC. ±

3-19-36.1  
WALTER & DEBORAH  
RANDOPH  
11.12 AC. ±

3-20-29  
LILA S. SHARPES  
54.56 AC. ±

3-20-60  
WV RAILROAD  
MAINTENANCE  
AUTHORITY  
26.24 AC. ±

3-20-20  
FRANCISCO &  
MANUEL F.  
AZEVEDO  
10.31 AC. ±

3-20-2.1  
FRANCISCO &  
MANUEL F.  
AZEVEDO  
10.31 AC. ±

06423  
06424  
06485  
06486  
06487  
47-017-00814  
#1

LATITUDE 00°00'00"



12 Vanhorn Drive | P.O. Box 150 | Glenville, WV 26351 | 304.462.5634  
1412 Kanawha Boulevard, East | Charleston, WV 25301 | 304.346.3952  
254 East Beckley Bypass | Beckley, WV 25801 | 304.255.5296  
slsvw.com

**LEGEND**

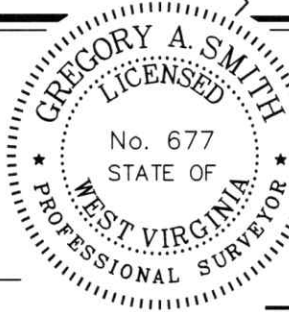
- LEASE LINE
- SURFACE LINE
- TIE LINE
- CREEK
- ROADWAY
- RAILROAD
- COUNTY ROUTE
- PROPOSED WELL
- EXISTING WELL
- PERMITTED WELL
- DISTRICT-TAXMAP-PARCEL 00-00-00

### NOTES ON SURVEY

1. WELL SPOT CIRCLE & TOPO MARK SCALE IS 1"=2000'.

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT 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 DIVISION OF ENVIRONMENTAL PROTECTION.

P.S. 849 *Gregory A. Smith*



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

DATE NOVEMBER 10, 20 22

REVISED \_\_\_\_\_, 20 \_\_\_\_

OPERATORS WELL NO. 1

API WELL NO. 47 - 017 - 00814-P

STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 9284-SURV-17 00814-REC-R01-JDR-221110.dwg

HORIZONTAL & VERTICAL CONTROL DETERMINED BY DGPS (SUBMETER MAPPING GRADE TIE TO CORS NETWORK) SCALE 1" = 300'

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



WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_ IF "GAS" PRODUCTION \_\_\_ STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X

LOCATION: ELEVATION 835' WATERSHED BUCKEYE FORK OF MIDDLE ISLAND CREEK

DISTRICT GRANT COUNTY DODDRIDGE QUADRANGLE SMITHBURG 7.5'

SURFACE OWNER LEE & REGINA MCELWAIN ACREAGE 31.85 AC. ±

ROYALTY OWNER JAMES L. MAYLE ACREAGE 33 AC. ±

PROPOSED WORK: LEASE NO. 12/23/2022

DRILL \_\_\_ CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE \_\_\_ PLUG OFF OLD

FORMATION \_\_\_ PERFORATE NEW FORMATION \_\_\_ PLUG AND ABANDON X CLEAN OUT AND REPLUG \_\_\_ OTHER \_\_\_

PHYSICAL CHANGE IN WELL (SPECIFY) TARGET FORMATION BIG INJUN

ESTIMATED DEPTH 1,800'

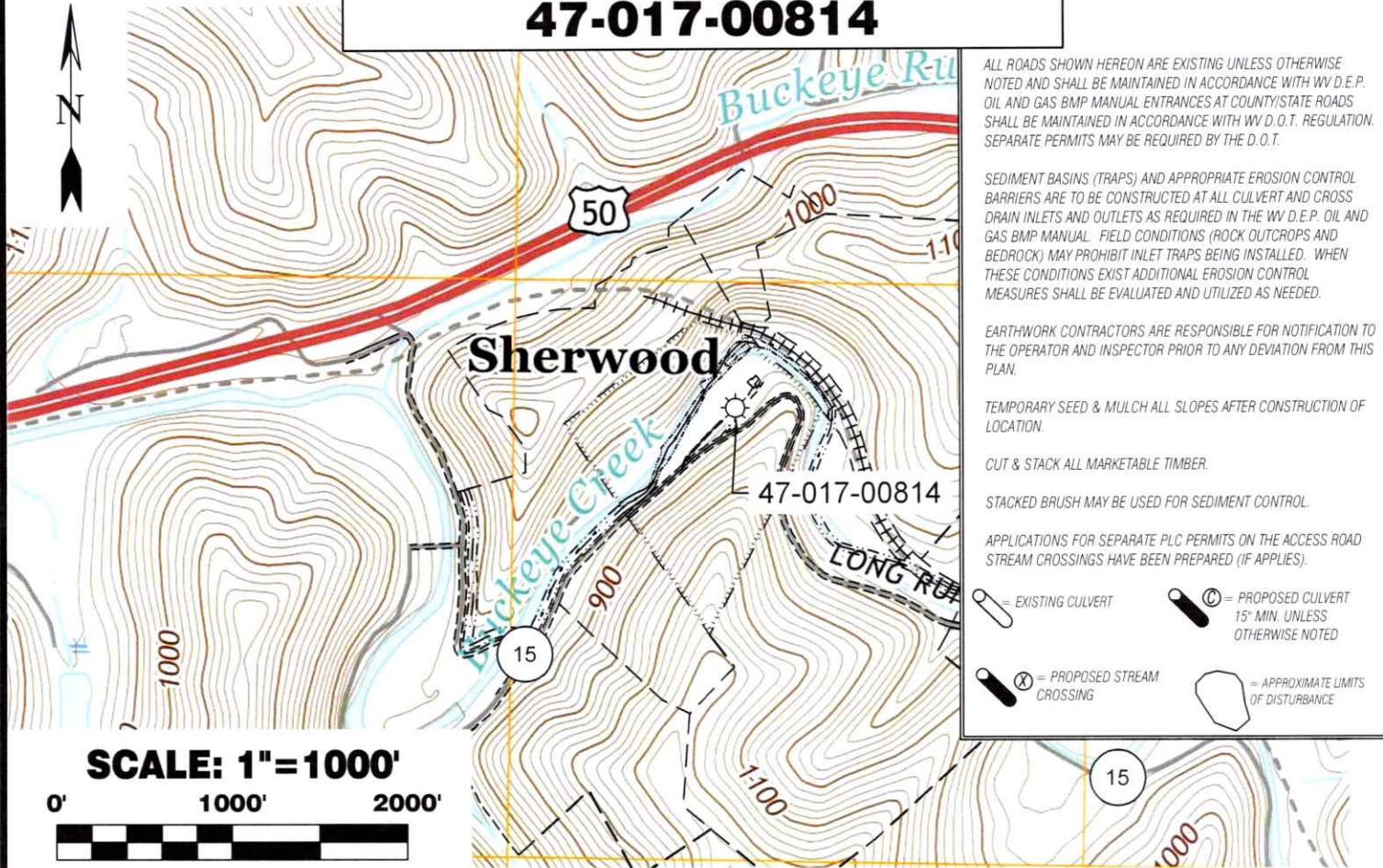
WELL OPERATOR UNKNOWN WVDEP PAID PLUGGING CONTRACT DESIGNATED AGENT JASON HARMON, WVDEP

ADDRESS 601 57TH STREET SE ADDRESS 601 57TH STREET SE

CHARLESTON, WV 25304 CHARLESTON, WV 25304



# EDNA MAYLE LEASE 47-017-00814



ALL ROADS SHOWN HEREON ARE EXISTING UNLESS OTHERWISE NOTED AND SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.E.P. OIL AND GAS BMP MANUAL ENTRANCES AT COUNTY/STATE ROADS SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.O.T. REGULATION. SEPARATE PERMITS MAY BE REQUIRED BY THE D.O.T.

SEDIMENT BASINS (TRAPS) AND APPROPRIATE EROSION CONTROL BARRIERS ARE TO BE CONSTRUCTED AT ALL CULVERT AND CROSS DRAIN INLETS AND OUTLETS AS REQUIRED IN THE WV D.E.P. OIL AND GAS BMP MANUAL. FIELD CONDITIONS (ROCK OUTCROPS AND BEDROCK) MAY PROHIBIT INLET TRAPS BEING INSTALLED. WHEN THESE CONDITIONS EXIST ADDITIONAL EROSION CONTROL MEASURES SHALL BE EVALUATED AND UTILIZED AS NEEDED.

EARTHWORK CONTRACTORS ARE RESPONSIBLE FOR NOTIFICATION TO THE OPERATOR AND INSPECTOR PRIOR TO ANY DEVIATION FROM THIS PLAN.

TEMPORARY SEED & MULCH ALL SLOPES AFTER CONSTRUCTION OF LOCATION.

CUT & STACK ALL MARKETABLE TIMBER.

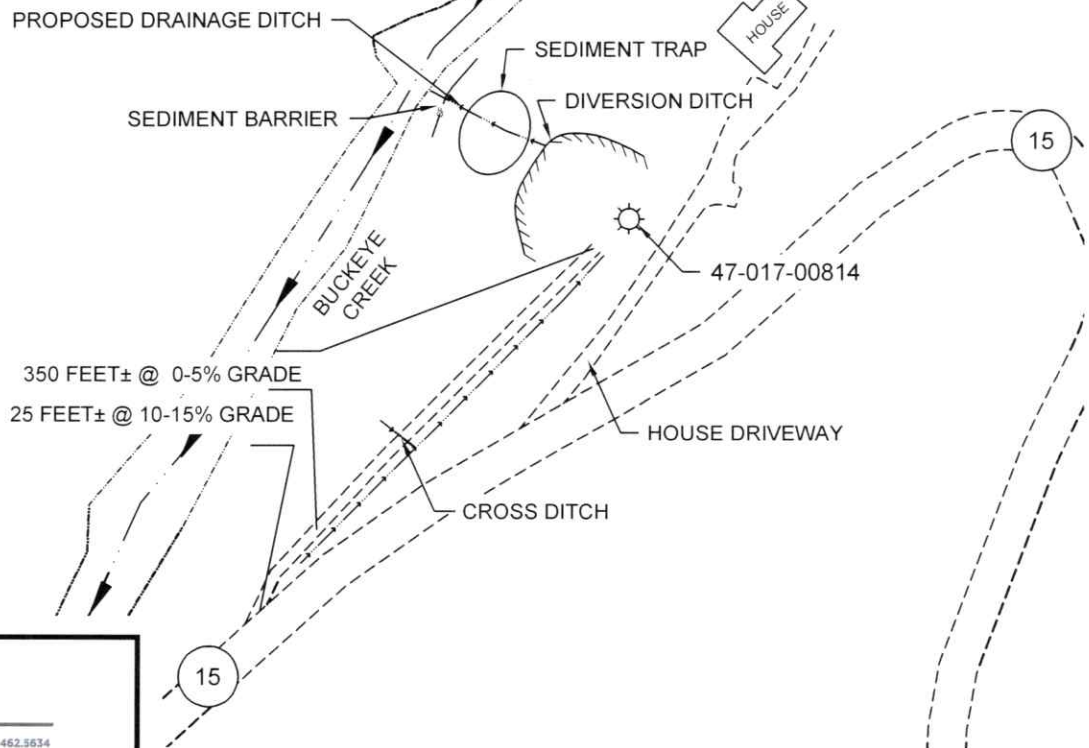
STACKED BRUSH MAY BE USED FOR SEDIMENT CONTROL.

APPLICATIONS FOR SEPARATE PLC PERMITS ON THE ACCESS ROAD STREAM CROSSINGS HAVE BEEN PREPARED (IF APPLIES).

- = EXISTING CULVERT
- = PROPOSED CULVERT 15" MIN. UNLESS OTHERWISE NOTED
- = PROPOSED STREAM CROSSING
- = APPROXIMATE LIMITS OF DISTURBANCE

Detail Sketch for 47-017-00814

Detail Sketch NOT TO SCALE



12 Vanhorn Drive | P.O. Box 150 | Glenville, WV 26351 | 304.462.5634  
 1412 Kanawha Boulevard, East | Charleston, WV 25301 | 304.346.3952  
 254 East Beckley Bypass | Beckley, WV 25801 | 304.255.5296

solv.com

DRAWN BY: JDR | FILE NO.: 9284 | DATE: 11-10-22 | CADD FILE: 9284-17 00814-REC-R00-JDR-221110.dwg

TOPO SECTION OF SMITHBURG, WV  
7.5' TOPO QUADRANGLE

12/23/2022



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

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## Plugging permits issued 4701700114 01700814 01701296

1 message

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

Tue, Dec 20, 2022 at 2:06 PM

To: Henry J Harmon <henry.j.harmon@wv.gov>, Isaiah M Richards <isaiah.m.richards@wv.gov>, dsponaug@assessor.com

To whom it may concern plugging permits have been issued for 4701700114 01700814 01701296.


James Kennedy


WVDEP OOG


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### 6 attachments


 **4701700814.pdf**  
3754K

 **IR-8 4701700814.pdf**  
12K

 **4701700114.pdf**  
4831K

 **IR-8 4701700114.pdf**  
120K

 **4701701296.pdf**  
3568K

 **IR-8 4701701296.pdf**  
120K

12/23/2022