



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, March 25, 2025
WELL WORK PLUGGING PERMIT
Vertical Plugging

UNKNOWN - DEP PAID PLUGGING CONTRACT
601 57TH STREET

CHARLESTON, WV 25304

Re: Permit approval for 1
47-085-02223-00-00

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: 1
Farm Name: Carl Exline JR.
U.S. WELL NUMBER: 47-085-02223-00-00
Vertical Plugging
Date Issued: 03/25/2025

PERMIT CONDITIONS

West Virginia Code §22-6-11 allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

CONDITIONS

1. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
2. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.
3. Well work activities shall not constitute a hazard to the safety of persons.
4. 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.

REC'D
Office of

MAR 25

WV Dep.
Environment

03/28/2025

4708502223

WW-4B
Rev. 2/01

1) Date 1/21, 20 25
2) Operator's
Well No. #1
3) API Well No. 47-085-02223

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 X / Gas X / Liquid injection / Waste disposal /
(If "Gas, Production X or Underground storage) Deep / Shallow X

5) Location: Elevation 804' Watershed WOLF PEN RUN, SOUTH FORK HUGHES RIVER
District UNION County RITCHIE - 085 Quadrangle PULLMAN

6) Well Operator WV DEP PAID PLUGGING CONTRACT 7) Designated Agent JASON HARMON
Address 601 57TH STREET S E Address 601 57TH STREET S E
CHARLESTON, WV 25304 CHARLESTON, WV 25304

8) Oil and Gas Inspector to be notified 9) Plugging Contractor
Name ALLEN FLOWERS Name UNKNOWN AT THIS TIME
Address 165 GRASSY LICK ROAD Address
LIBERTY, WV 25124

10) Work Order: The work order for the manner of plugging this well is as follows:
SEE PLUGGING WORK PLAN ON NEXT PAGE.

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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 ALLEN FLOWERS Date 1/21/2025

03/28/2025

PLUGGING PROJECT
API # 47-085-02223
Well name # 1

REMEDATION AND/OR PLUGGING WORK PLAN

Notify Inspector Specialist, Allen Flowers at allen.d.flowers@wv.gov or (304) 552-8308. Notification is required 24 hrs prior to commencing plugging operations

1. Move in and rig up to the well, blow down well. Trip in hole and check TD. Pull all tubing and packer. If all tubing cannot be retrieved contact inspector specialist for approved cut and depth.
2. Once TD has been reached and approved by inspector specialist a bond log will be ran inside the 4-1/2" casing to determine casing depth and cement bond locations. All casing in the well that is not bonded with cement and cannot be retrieved must be perforated at all points approved by inspector specialist.
3. TIH to TD and spot 6% gel followed by cement plug from 1650' to 1550'. Trip out of hole, WOC. TIH tag top of cement plug. Add cement if needed.
4. TIH free point and cut 4-1/2" casing utilizing info from the bond log. NOTE, any of the 4-1/2" casing that is not bonded with cement and cannot be retrieved must be perforated to cover fresh water, salt water, coal and elevation.
5. Once 4-1/2" casing has been removed or perforated at all points approved by inspector specialist TIH with tubing and spot 6% gel from 1550' to 1425' followed by cement plug from 1425' to 1325'. Trip tubing out of hole, WOC. TIH tag top of plug. Add cement if needed.
6. TIH with tubing and spot 6% gel from 1325' to 850' followed by cement plug from 850' to 750' to cover elevation. Trip tubing out of hole, WOC. TIH tag top of cement plug. Add cement if needed.
7. TIH with tubing and spot 6% gel from 750' to 300' followed by cement plug from 300' to surface.
8. Rig down and set well monument. Reclaim well site.

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9. NOTE.. Any casing found in the well with out cement in the annulus that cannot be retrieved must be perforated and cement at all saltwater, freshwater, coal, oil, gas, casing shoe and elevation points.
10. . Class L cement will be used as a replacement for Class A cement during Supply chain interruptions.

1/21/2025

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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION //

4708502223P

Quadrangle holbrook NW 3/3Permit No. RIT-2223

WELL RECORD

Oil or Gas Well Oil & Gas
(KIND)

Company <u>HEIRS DEVELOPMENT CO.</u>	Casing and Tubing	Used in Drilling	Left in Well	Packers
Address <u>2644 Fid. Phila. Tr. Bldg., Phila. 9, Pa.</u>	Size			
Farm <u>Maxwell Heirs</u> Acres <u>1398</u>	16			Kind of Packer <u>HWP</u>
Location (waters) <u>Wolfpen</u>	13			Size of <u>4 1/2" x 7"</u>
Well No. <u>1</u> Elev. <u>809'</u>	10			Depth set <u>1560'</u>
District <u>Union</u> County <u>Ritchie</u>	8 3/4	<u>830'</u>		
The surface of tract is owned in fee by <u>Coy Overfield</u>	6 3/4	<u>985'</u>		
<u>77 acres</u> Address <u>Pullman, W. Va.</u>	5 3/4 <u>4 1/2"</u>		<u>1569'</u>	
Mineral rights are owned by <u>Heirs Development Co.</u>	3			Perf. top
<u>2644 Fid. Phila. Tr. Bldg., Phila. 9, Pa.</u>	2		<u>1658'</u>	Perf. bottom
Drilling commenced <u>Aug. 15, 1960</u>	Liners Used			Perf. top
Drilling completed <u>Oct. 2, 1960</u>				Perf. bottom
Date Shot <u>10/13/60</u> From <u>1595</u> To <u>1621</u>				
With <u>90 quarts gly.</u>				
Open Flow /10ths Water in _____ Inch				
/10ths Merc. in _____ Inch				
Volume _____ 200 M _____ Cu. Ft.	CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____			
Rock Pressure _____ 300 lbs. _____ 24 hrs.				
Oil _____ 3 bbls., 1st 24 hrs.	COAL WAS ENCOUNTERED AT <u>None</u> FEET _____ INCHES			
WELL ACIDIZED _____	_____ FEET _____ INCHES _____ FEET _____ INCHES			
WELL FRACTURED _____	_____ FEET _____ INCHES _____ FEET _____ INCHES			

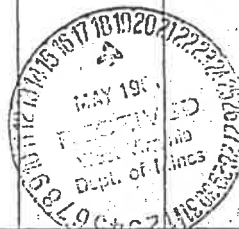
RESULT AFTER TREATMENT 250 M cu. ft. 6-10 bbls. oil per dayROCK PRESSURE AFTER TREATMENT 350# - 24 hoursFresh Water 40' Feet Salt Water _____ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Top Soil			0	7	Water		The well was not cemented or fractured. The sand was shot with glycerine. Cleaned out and the casing was run on a hookwall packer.
Gravel			7	25			
Sand Stone			25	33			
Blue Shale			33	50			
Red Shale			50	55			
Gray Shale			55	105			
Red Shale			105	110			
Lime			110	125			
Gray Shale			125	195			
Red Shale			195	210			
Gray Shale			210	270			
Red Shale			270	280			
Gray Shale			280	350			
Lime			350	360			
Slate & Shells			360	500			
Red Shale			500	540			
Gray Shale			540	565			
Red Shale			565	620			
Gray Shale			620	645			
Red Shale			645	690			
Gray Shale			690	720			
Red Shale			720	735			
Slate & Shells			735	980			
Sand			980	1050			
Gray Shale			1050	1250			
Sand			1250	1325			
Slate & Shells			1325	1400			
Sand			1400	1440			
Slate & Shells			1440	1500			
Sand			1500	1520			

(over)

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Formation	Color	Hard or Soft	Top //	Bottom	Oil, Gas or Water	Depth Found	Remarks
Gray Shale		Maxton	1520	1594			
Sand			1594	1640	Gas		
Slate & Shells			1640	1750	Oil		
Lime			1750	1779			
Red Shale			1779	1803			
Black Shale			1803	1870			
Lime			1870	1900			
Pink Rock			1900	1903			
Broken Lime			1903	2063			
Slate & Shells			2063	2490			
				2490	Total Depth		
Well drilled to 2490' and plugged back to 1650' with red mud. This hole logged by Schlumberger and showed only dark shale, with occasional small slate breaks, from 1650' to 2490'. There was no water, sand or production below 1650'.							

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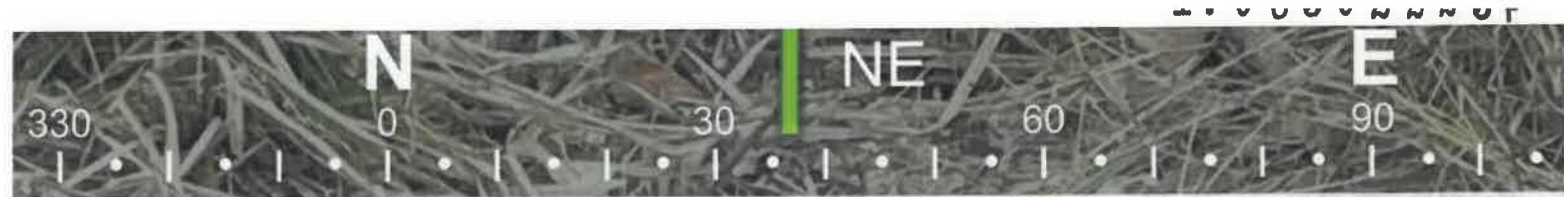
Department of
Environmental Protection

Date May 16, 1961

APPROVED HEIRS DEVELOPMENT CO. Owner

By *Charles Miller* Pres.
(Title)

03/28/2025



☉ 37°NE (T) ☉ 39.138902°N, 80.979453°W ±13ft ▲ 799ft



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085-02223
05 Dec 2024 03:28:25 AM

WW-4A
Revised 6-07

1) Date: 1/21/2025
2) Operator's Well Number
1
3) API Well No.: 47 - 085 - 02223

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

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Office of Oil and Gas

MAR 25 2025

4) Surface Owner(s) to be served:

(a) Name CARL EXLINE JR
Address P.O. BOX 236051
COCOA, FL 32923

(b) Name
Address

(c) Name
Address

6) Inspector ALLEN FLOWERS
Address 165 GRASSY LICK ROAD
LIBERTY, WV 25124
Telephone (304) 552-8308

5) (a) Coal Operator

Name N/A
Address WV Department of
Environmental Protection

(b) Coal Owner(s) with Declaration
Name N/A
Address

Name
Address

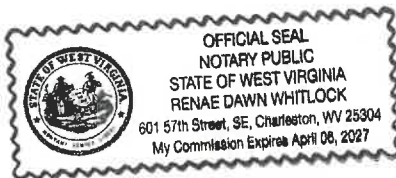
(c) Coal Lessee with Declaration
Name N/A
Address

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 WV-DEP PAID PLUGGING CONTRACT
By: Jason Hanna
Its:
Address 601 57TH STREET S E
CHARLESTON, WV 25304
Telephone (304) 926-0499 EX 41100

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Office of Oil and Gas
MAR 25 2025
WV Department of
Environmental Protection

Subscribed and sworn before me this 25th day of March 2025

My Commission Expires April 6, 2027
Notary Public

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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SURFACE OWNER WAIVER

4708502223P

Operator's Well
Number

47 - 085 - 02223

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

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
ETC.

FOR EXECUTION BY A CORPORATION.

Carl E. Ely
Signature

Date

1/21/2025

Name
By
Its

WW DEP PAID PLUGGING CONTRACT

Date

Signature

Date

03/28/2025

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

I, the undersigned, have been notified by a representative from the West Virginia Department of Environmental Protection (WVDEP), Office of Oil and Gas, of an abandoned well(s) and/or tank(s) on or adjacent to my property.

This well(s) and/or tank(s) is considered a potential hazard or imminent danger, or a possible pollutant to the surface or underground, or is wasting natural resources (leaking) and must be properly plugged or cleaned out and replugged.

I hereby acknowledge that I have no objection to the State of West Virginia having responsible contractors enter upon or traverse my property for the purpose of plugging this well(s) and/or remove tank(s).

Permit No. (if known)	<u>47 - 085 - 02223</u>	Well No. (if known)	<u># 1</u>
Farm Name	<u>CARL EXLINE</u>	County	<u>RITCHIE - 085</u>
District	<u>UNION</u>	Waters of	<u>WOLEPEN, SOUTH FORK HUGHES</u>

The contractor will properly plug the above named well(s), remove all material from the well location and reclaim, seed and mulch the well location and well road accesses used to state specifications. The plugging and reclamation shall be supervised by the WVDEP.

Owner Name Carl Exline
Owner Address PO Box 236051
Cocoa, FL 32923

Owner Signature Carl Exline
Date 1/21/2025

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MAR 25 2025

Please Return To: WVDEP - OFFICE OF OIL AND GAS
601 57th Street S. E.
Charleston, WV 25304

WV Department of
Environmental Protection

03/28/2025

WW-4B

API No. 47 - 085 - 02223

Farm Name CARL EXLINE 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.

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 RECEIVED
Office of Oil and Gas

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WV Department of
Environmental Protection

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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

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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.

03/28/2025

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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PLUGGING PROJECT

API # 47-085-02223

Well name # 1

Site Preparation:

200 Ft of silt fence shall be installed around the well site to isolate the disturbed area from the stream and landowner's field. The area around the well 50' x 100' will need to be flattened, smoothed and may be covered with tie mats to stabilize the plugging equipment. A service road will need to be constructed from the county road through the hayfield to the well site, estimated length 300'. Mats shall be used for road stabilization; stone will not be permitted in the hayfield. All production equipment shall be dismantled and removed from the well site. A minimum 24" cellar will be installed around the well head. Plumbing that was connected to the well shall be capped and buried. Brush or trees that are cut shall be piled and left on location.

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PLUGGING PROJECT

Well Name # 1

API # 47-085-02223

Site Reclamation:

All production equipment shall be removed and disposed of off location. All silt fences shall be removed and disposed of. All tie mats shall be removed from the well site and road. The cellar shall be removed from around the well head. All trees and brush that were cut shall be piled and left on location. All disturbed areas shall be smoothed, seeded and mulched. A well monument will be installed at the well head, minimum 6" diameter and 30" above final grade. All plumbing that was connected to the well or storage tank shall be capped and buried.

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03/28/2025

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WELL PLUGGING PROJECT

47 - 085 - 02223

Well # 1

Well detail:

The Office of Oil and Gas does have a well record for the subject well (085-02223). The record shows TD of well at 2049' and plugged back to 1650'. Additionally the record shows 1569' of 4-1/2" casing set with hook wall packer at 1560'. The record shows 1558' of 2" tubing. The record shows fresh water at 40', salt water at 1375' and elevation at 805'. No coal was reported. Cemented casing locations were not reported.

Site-based considerations:

The well is located in a hayfield 100' from Wolf Pen creek. The area around the well is flat and covered in grass, brush and small trees. Brush and trees will need to be cleared from the well site, piled and left on location. Filter fence will be installed between the well site and wolf pen creek, estimated length 200'. There is no storage tank associated with this well. A service road will need to be constructed from the county road through the hayfield to the well site, estimated length 300' Mats shall be used to stabilize the road, stone will not be permitted in the hayfield. OOG will contact Locate 811 to have all sub surface utilities marked.

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WW-9
(5/16)API Number 47 - 085 - 02223
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 WV DEP PAID PLUGGING CONTRACT OP Code _____Watershed (HUC 10) WOLF PEN RUN, SOUTH FORK HUGHES RIVER Quadrangle PULLMANDo 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 ☒

ANY WELL EFFLUENT MUST BE STORED IN TANKS BEFORE DISPOSING OFF-SITE.
gwm

If so, please describe anticipated pit waste: N/AWill 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 UNKNOWN AT THIS TIME)
☐ 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/ADrilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. N/A-If oil based, what type? Synthetic, petroleum, etc. N/AAdditives to be used in drilling medium? N/A

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

MAR 25 2025

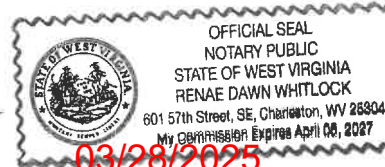
-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust) N/A-Landfill or offsite name/permit number? UNKNOWN AT THIS TIME

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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 HARMONCompany Official Title DEPUTY CHIEFSubscribed and sworn before me this 25th day of March, 2025*Renae Dawn Whitlock* Notary PublicMy commission expires April 6, 2027

Proposed Revegetation Treatment: Acres Disturbed 0.5 Prevegetation pH N/A

Lime 3 Tons/acre or to correct to pH 6.0

Fertilizer type 10 - 10 - 20

Fertilizer amount 500 lbs/acre

Mulch 2-3 Tons/acre

Seed Mixtures

Temporary

Seed Type lbs/acre

N/A

Permanent

Seed Type lbs/acre

CONTRACTOR MIX 60

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: ALLEN FLOWERS

Comments:

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Title: INSPECTOR

Date: 1/21/2025

Field Reviewed? (XX) Yes () No

03/28/2025

Well Name # 1
PLUGGING PROJECT
API # 47 - 085 - 02223

I. SPECIAL PROVISIONS

1.0 Location/Site Description

Located at Co Rd 24/3 Mt. Zion Rd, Washburn WV 26362

The GPS location is as follows:

Coordinates, Decimal Degrees Lat. 39.138702, Lon. -80.979800

Directions to site:

From the Charleston Area:

Take I-77 N and continue 75 mile, take exit 176 for US-50. Turn right on US Rte 50 E and continue 27 miles to exit 16 for Ellenboro/Harrisville. Turn right on WV-16 S. Continue 4.9 miles and turn left to stay on WV-16 S. Continue 5.3 miles and turn left on Chevaux - De - Frise, Co Rd 24. Continue 1.4 miles and turn right on Co Rd 24/6 Hard Barger Run Rd. Continue 2.8 miles and turn left on Co Rd 24/3 Mt. Zion Rd. Continue 0.1 mile to the well site located on the left side of the road in a hayfield.

From the Parkersburg Area:

Take I-77 S to exit 176 for US-50. Turn left on US Rte 50 E and continue 27 miles to exit 16 for Ellenboro/Harrisville. Turn right on WV-16 S. Continue 4.9 miles turn left to stay on WV-16 S. Continue 5.3 miles and turn left on Chevaux - De - Frise, Co Rd 24. Continue 1.4 miles and turn right on Co Rd 24/6 Hard Barger Run Rd. Continue 2.8 miles and turn left on Co Rd 24/3 Mt. Zion Rd. Continue 0.1 mile to the well site located on the left side of the road in a hayfield.

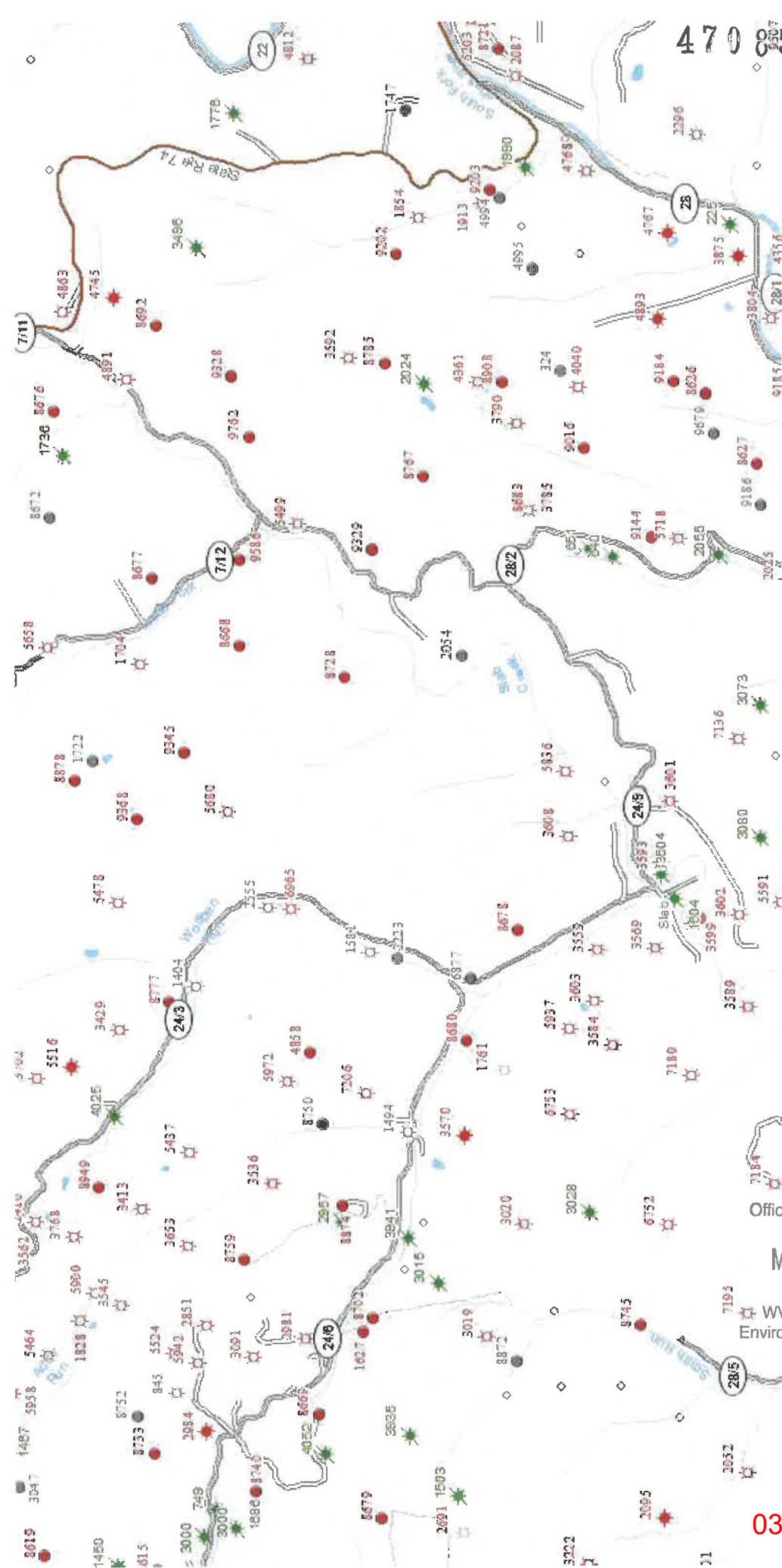
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Oil&Gas**Wells, Horizontal Only****WellStatus**

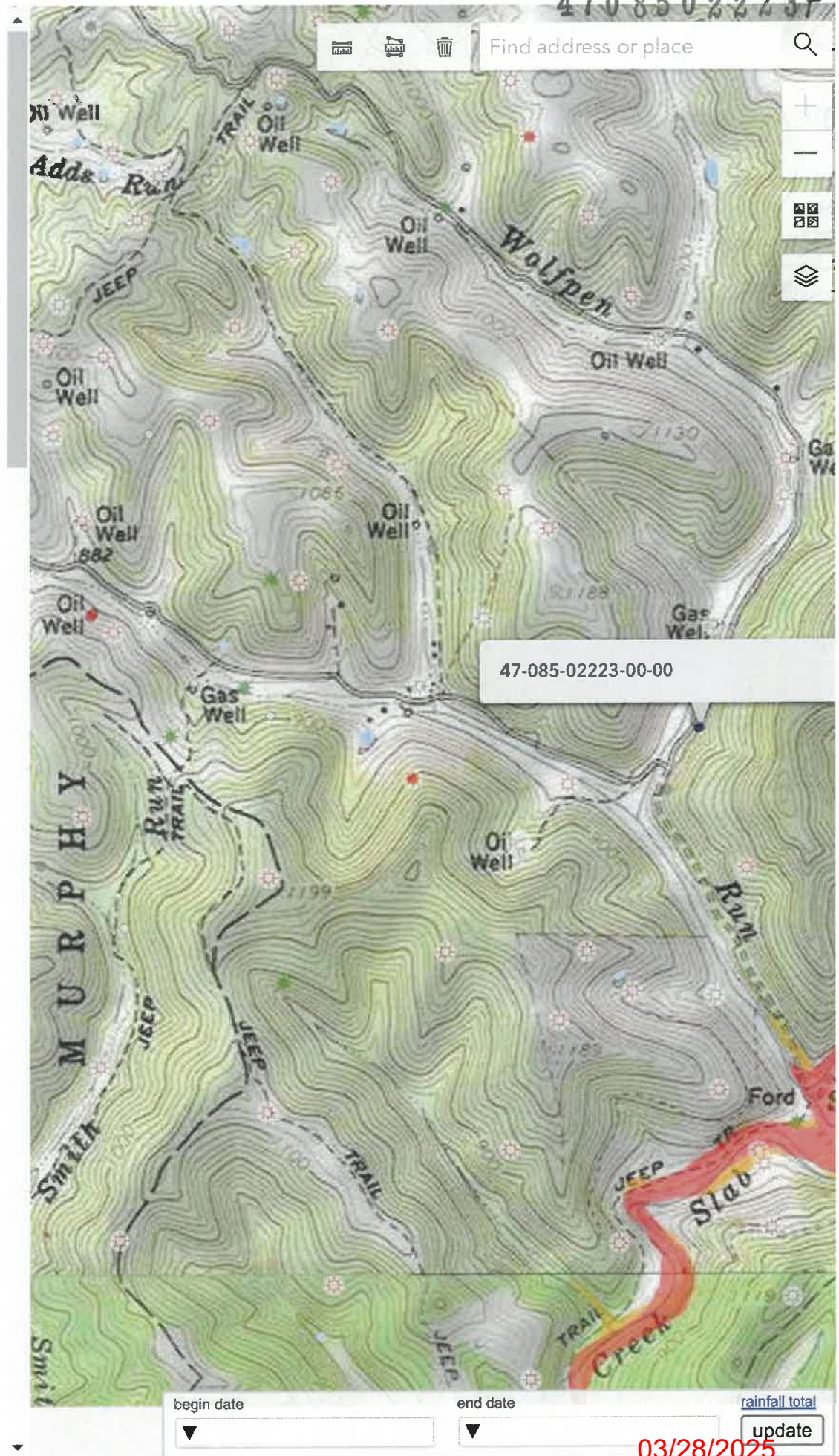
-  Active Well
-  Permit Issued
-  Permit Application
-  Plugged

Wells, Active Status Only**WellUse**

-  Brine Disposal
-  Fluid Injection
-  Gas Production
-  House Gas
-  Observation
-  Oil Production
-  Production
-  Solution Mining
-  Storage
-  Vent
-  <all other values>

Wells, Other than Active Status**WellUse**

-  Brine Disposal
-  Fluid Injection
-  Gas Production
-  House Gas
-  Observation
-  Oil Production
-  Production
-  Solution Mining



WW-7
8-30-06



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

API: 47 - 085 - 02223 WELL NO.: # 1
FARM NAME: CARL EXLINE JR
RESPONSIBLE PARTY NAME: WV DEP PAID PLUGGING CONTRACT
COUNTY: RITCHIE - 085 DISTRICT: UNION
QUADRANGLE: PULLMAN
SURFACE OWNER: CARL EXLINE JR
ROYALTY OWNER: MAXWELL HEIRS
UTM GPS NORTHING: 4332168.9
UTM GPS EASTING: 501745.7 GPS ELEVATION: 804'

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 X: 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

INSPECTOR

Title

1/21/2025

Date

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