



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 2
47-085-01581-00-00

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: 2
Farm Name: Carl Exline JR.
U.S. WELL NUMBER: 47-085-01581-00-00
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.

4708501581P

1) Date 1/21, 20 25
2) Operator's
Well No. #2
3) API Well No. 47-085-01581

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 809' 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.

WELL MAY ONLY HAVE 8 5/8" & 4 1/2" CASING.

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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 PROJRCT
API # 47-085-01581
Well name # 2

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. Trip in hole and check TD. Pull all tubing and packer if found. 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 5-3/16" 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 1850' to 1750'. Trip out of hole, WOC. TIH tag top of cement plug. Add cement if needed.
4. TIH free point and cut 5-3/16" casing utilizing info from the bond log. NOTE, any of the 5-3/16" 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 5-3/16" casing has been removed or perforated at all points approved by inspector specialist TIH with tubing and spot 6% gel from 1750' to 1580' followed by cement plug from 1580' 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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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

4708501581P
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MAR 4 1976

OIL & GAS DIVISION
DEPT. OF MINES

Quadrangle _____

Permit No. RIT-1581-DD

Willard E. Ferrell, Agent

Rotary _____ Oil _____
Cable X Gas & Oil _____
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kind) _____

Company Penn Jersey Oil & Gas Associates
Address P.O. Box 5056 Phila, Pa. 19111

Farm Harry A. Simon Acres 36 1/2

Location (waters) Wolf Pen

Well No. 2 Elev. 820

District Union County Ritchie

The surface of tract is owned in fee by _____

O.G. Exline

Address Harrisville, W.Va

Mineral rights are owned by Hardbaeger Heirs

Address Harrisville, W.Va. 26362

Drilling Commenced Sept. 16, 1974

Drilling Completed Oct. 29, 1974

Initial open flow 60 cu. ft. 1/2 bbls.

Final production 100 cu. ft. per day 1/2 bbls.

Well open 2 1/4 hrs. before test 360 RP.

Well treatment details:

1400 bbls fluid 50000

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 13-10"			
9 5/8			
8 5/8 200	200	200	
7			
6 1/2			
4 1/2		2180	
3			
2		2180	
Liners Used			40 sacks

Attach copy of cementing record.

Fracturing did not help the production to amount to anything.
Still being worked on.

Coal was encountered at None Feet _____ Inches _____
Fresh water None Feet _____ Salt Water _____ Feet _____
Producing Sand Weir Depth 2180

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Drilling started at			1852			
Slate & Shells			1852	1945		
Soft Stone			1945	1980		
Shale			1980	2120		
Brown Shale			2120	2138		
Weir Sand			2138	2160		
Shale			2160	2182		
					Total Depth 2182	

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(over)

* Indicates Electric Log tops in the remarks section.

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PARTICIPANTS:

DATE:

DEC 5, 1979

BUYER-SELLER CODE

WELL OPERATOR:

Penn. Jersey Oil & Gas Assoc

NA

FIRST PURCHASER:

Carnegie Natural Gas Co.

003242

OTHER:

W. Va. Department of Mines, Oil & Gas Division
WELL DETERMINATION FILE NUMBER

70301 - 108-085-1581

Use Above File Number on all Communications
Relating to Determination of this Well

Qualifies as Section 108, stripper well.

Fractured

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

ITEM NO.

- 1 FERC-121 ☒ Items not completed - Line No. _____
- 2 IV-1 - Agent Ernory C. Currey Jr.
- 3 IV-2 - Well Permit ☒
- 4 IV-6 - Well Plat ☒
- 5 IV-35- Well Record ☒ Drilling ☒ Deepening ☒
- 6 IV-36- Gas-Oil Test: Gas Only ☐ Was Oil Produced? ☐ Ratio ☐
- 7 IV-39- Annual Production 2 years
- 8 IV-40- 90 day Production 91 Days off Line: annual
- 9 IV-48- Application for Certification. Complete? ☒
- 10 - 17 IV Form #51 - 52 - 53 - 54 - 55 - 56 - 57 - 58. Complete ☒ Affidavit Signed ☒
- 18 - 28 Other: Survey ☐ Logs ☐ Geological Charts ☐ Structure Map ☐
- 1:4000 Map ☐ Well Tabulations ☐ Gas Analyses ☐
- (5) Date Commenced: 9-16-79
Date Completed: 10-29-79 Deepened ☐
- (5) Production Depth: 2180'
- (5) Production Formation: Wen
- (5) Final OPEN FLOW: 100 MCF
Initial Potential: _____
- (5) After Fract. Static R.P. Initially 360#
- (6) Other Gas Test: _____
- (7) Avg. Daily Gas from Annual Production: $295/365 = .81$ MCF
- (8) Avg. Daily Gas from 90-day ending w/1-120 days $2712+20/41 = .65$ MCF
- (8) Line Pressure: N/A PSIG from Daily Report
- (5) Oil Production: ☐ From Completion Report ☐
- (10-17) Does lease inventory indicate enhanced recovery being done: N/A
- (10-17) Is affidavit signed? ☒ Notarized? ☒
- Does official well record with the Department confirm the submitted information? Yes
- Additional Information no 90 day report Does computer program confirm? ☐
- Was Determination Objected to? ☐ By Whom? GM JPH

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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.

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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 6

4708501581P

Hallbrook

WELL RECORD

Permit No. Rit-1581Oil or Gas Well oil & gas
(KIND)

Company W. H. Mossor
Address Harrisville, W. Va.
Farm Harry Simons Acres 67
Location (waters) Wolf Pen Run
Well No. 2 Elev. 820
District Union County Ritchie
The surface of tract is owned in fee by Harry Simons

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
xx 12"	14' 8"	14' 8"	5-3/16"
10			Size of
8 1/4	248	248	
6 1/2	1011		Depth set 1462
5 3/16	1710	1710	
3			Perf. top 1532
2			Perf. bottom
Liners Used			Perf. top
good.			Perf. bottom

Mineral rights are owned by Harry Simons and
T. V. Hardbarger Address Washburn, W. Va.

Drilling commenced June 13, 1955Drilling completed July 25, 1955

Date Shot From To

With Tried to treat it with acid. Did noOpen Flow 19 10ths Water in 2 Inch

/10ths Merc. in Inch

Volume 200,000 Cu. Ft.

Rock Pressure lbs. hrs.

Oil 20 Gal. in 24 hours bbls., 1st 24 hrs.Fresh water feet 25 feet

Salt water feet feet

CASING CEMENTED SIZE No. Ft. Date

COAL WAS ENCOUNTERED AT FEET INCHES

FEET INCHES FEET INCHES

FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Soil			0	10			
Sand			10	25	water		
Red Rock			25	60			
Slate	White		60	90			
Red Rock			90	110			
Shells			110	140			
Sand			140	150			
Slate			150	175			
Sand			175	225			
Slate			225	250			
Red Rock			250	305			
Slate	White		305	350			
Red Rock			350	425			
Slate	White		425	470			
Sand			470	480			
Red Rock			480	545			
Slate	White		545	555			
Red Rock			555	580			
Sand			580	600			
Red Rock			600	650			
Shells	Black		650	670			
Red Rock			670	740			
Slate	White		740	775			
Red Rock			775	820			
Slate	White		820	915			
Slate	Black		915	990			
Sand	Fine		990	1100			
Slate			11000	1135			
Sand			1135	1365			
Slate			1365	1370			
Sand			1370	1390			
Slate			1390	1455			
Sand			1455	1485			
Slate	Black		1485	1530			
Sand			1530	1580			
Slate			1580	1585			
Lime Shell			1585	1590			



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Gas 1530-1546 60/10 W 3"
Show of oil same place

(Over) Over

03/28/2025

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Formation	Color	Hard or Soft	Top 6	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate	Black		1590	1625			
Shells			1625	1650			
Slate			1650	1665			
Gritty Shells			1665	1675			
Little Lime			1675	1690			
Big Lime			1690	1772			
Keener Sand			1772	1792	Gas 1725-1730	38/10W 2"	
Injun Sand			1792	1850	Blowed down to 19/10W 2"		
Slate			1850				
Total Depth			1850				

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Date Sept. 21, 1955

APPROVED H. H. Mosser, Owner

By Partner
(Title)

03/28/2025

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THIS IS AN ESTIMATE ONLY
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO _____ DRILL X DEEPEN _____ FRACTURE STIMULATE _____
DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT:
NAME Harry Elder NAME E.C. Currey
ADDRESS Rt. 1 Cairo, W. Va. 26337 ADDRESS Fullman, W. Va. 26421
TELEPHONE 614-374-0851 TELEPHONE 659-2823
ESTIMATED DEPTH OF COMPLETED WELL: 2500 ROTARY _____ CABLE TOOLS X
PROPOSED GEOLOGICAL FORMATION: Weir
TYPE OF WELL: OIL X GAS X COMB. _____ STORAGE _____ DISPOSAL _____
RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10			
9 - 5/8			
8 - 5/8			
7			
5 1/2	1710		
4 1/2	2500	2500	60 bags
3		2500	Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS _____ FEET SALT WATER _____ FEET
APPROXIMATE COAL DEPTHS _____
IS COAL BEING MINED IN THE AREA? _____ BY WHOM? _____

TO DRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

TO DRILL DEEPER OR REDRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED. PERMIT RIT-1581

TO FRACTURE - STIMULATE:

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.

OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for _____ Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

We the _____ Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

MAR 25 2025

For Coal Company

WV Department of
Environmental Protection

Official Title

03/28/2025



☉ 107°E (T) ● 39.139612°N, 80.979364°W ±13ft ▲ 814ft



085-01581
05 Dec 2024 03:28:25 AM



☉ 29°NE (T) ● 39.139568°N, 80.979335°W ±16ft ▲ 805ft



085-01581
05 Dec 2024, 03:28:12 AM

4708501581P

WW-4A
Revised 6-07

1) Date: 1/21/2025

2) Operator's Well Number
2

3) API Well No.: 47 - 085 - 01581

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:

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

(b) Name
Address

(c) Name
Address

6) Inspector

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

5) (a) Coal Operator

Name N/A
Address

(b) Coal Owner(s) with Declaration

Name N/A
Address

Name
Address

(c) Coal Lessee with Declaration

Name N/A
Address

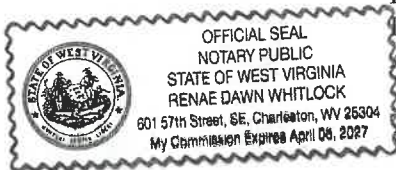
TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:

- (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.

MAR 25 2025



Well Operator WV DEP PAID PLUGGING CONTRACT

By:
Its:
Address
Telephone

601 57TH STREET S E
CHARLESTON, WV 25304
(304) 926-0499 EX 41100

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 depprivacyoffier@wv.gov.

03/28/2025

SURFACE OWNER WAIVER

4708501581P

Operator's Well
Number

47 - 085 - 01581

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.

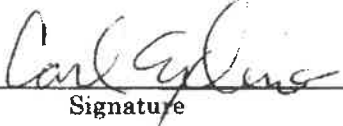
VOLUNTARY STATEMENT OF NO OBJECTION

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,
MAR 25 2025


Signature _____ Date 1/21/2025
By _____
Its _____

WV DEP PAID PLUGGING CONTRACT
Office of Oil and Gas
Environmental Protection
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) 47 - 085 - 01581 Well No. (if known) # 2
Farm Name CARL EXLINE County RITCHIE - 085
District UNION Waters of WOLFEN, SOUTH FORK HUGHES

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 Signature Carl Exline
Owner Address PO Box 236051 Date 1/21/2025
Cocoa, FL
32923

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

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Office of Oil and Gas

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WV Department of
Environmental Protection

03/28/2025

WW-4B

4708501581

API No. 47 - 085 - 01581

Farm Name CARL EXLINE JR

Well No. # 2

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 & Gas

MAR 25 2025

WV Department
Environmental Protection

03/28/2025



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

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.

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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.

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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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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

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APR 18 1973-CEN

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,
Charleston, W. Va.

DATE April 13, 1973
Surface Owner O. G. Exline Company W. H. Mossor & Son, Inc.
Address RFD 2, Harrisville, W. Va. Address 101 E. Main St. Harrisville, W. Va.
Mineral Owner Clyde Crane & T. V. Hardbarger H. A. Simons Acres 67
Address Harrisville, W. Va. Location (waters) Wolf Pen Run & Slab Cr.
Coal Owner Clyde Crane & T. V. Hardbarger Well No. 2 Elevation 820
Address Harrisville, W. Va. District Union County Ritchie
Coal Operator none Quadrangle Holbrook
Address _____

THIS PERMIT MUST BE POSTED AT THE WELL SITE
All provisions being in accordance with Chapter 22,
of the W. Va Code, the location is hereby approved
for deepening. This permit shall expire if
operations have not commenced by 8-18-73.

Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Harry Stevens
Grantsville, W. Va. PH: 354-7719

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee
title thereto, (or as the case may be) under grant or lease dated Mar. 14, 1953 by H. A. Simons
et al. made to W. H. Mossor and recorded on the 16 day of May
1955 in Ritchie County, Book 83 Page 460
_____NEW WELL X DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE
_____OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators
have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required
to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. *

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators
or coal owners at their above shown respective address _____ day _____ before, or on the
same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

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Very truly yours,

(Sign Name)

W. H. Mossor

Well Operator

Address
of
Well Operator

101 E. Main
Street
Harrisville, W. Va. 26362
City or Town

State

*SECTION 3 If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of
notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting
the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved
and the well operator authorized to proceed.

BLANKET BOARD

RIT-1581-BD

PERMIT NUMBER

03/28/2025

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**THIS IS AN ESTIMATE ONLY
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION**

PROPOSED WORK ORDER TO _____ DRILL X DEEPEN _____ FRACTURE-STIMULATE
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME not known NAME _____
 ADDRESS _____ ADDRESS _____
 TELEPHONE 643-2751 TELEPHONE _____
 ESTIMATED DEPTH OF COMPLETED WELL: 2500 ROTARY _____ CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: _____
 TYPE OF WELL: OIL _____ GAS X COMB. _____ STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 6			
13 - 10			
9 - 5/8			
8 - 5/8			
7			
5 1/2	1710	1710	
4 1/2			
3			Perf. Top
2	1850	1850	Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS _____ FEET _____ SALT-WATER _____ FEET _____
 APPROXIMATE COAL DEPTHS none
 IS COAL BEING MINED IN THE AREA? no BY WHOM? _____

TO DRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

TO DRILL DEEPER OR REDRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED. Drilling Permit # Rit-1581

TO FRACTURE - STIMULATE:

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.

OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty four (24) hours in advance.

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The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for no coal Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

We the _____ Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

For Coal Company

Official Title

03/28/2025

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PLUGGING PROJECT

API # 47-085-01581

Well name # 2

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. An air bridge will be used to bridge Wolf Pen creek to access the well site. A service road will need to be constructed from the county road through the hayfield to the well site, estimated length 600'. 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 # 2

API # 47-085-01581

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 air bridge shall be removed and hauled off location. 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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WELL PLUGGING PROJECT

47 - 085 - 01581

Well # 2

Well detail:

The Office of Oil and Gas does have a well record for the subject well (085-01581). The record shows TD of well at 1850'. Additionally the record shows 1710' of 5-3/16" casing set with hook wall packer at 1462'. The record shows 248' of 8-1/4" casing, not found. The record shows fresh water at 25', salt water at 1375' and elevation at 809'. No coal was reported. Cemented casing locations were not reported.

Site-based considerations:

The well is located in a hayfield 60' 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 600' Mats shall be used to stabilize the road, stone will not be permitted in the hayfield. An air bridge shall be installed to bridge Wolf Pen creek, estimated length 40'. OOG will contact Locate 811 to have all sub surface utilities marked.

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WW-9
(5/16)API Number 47 - 085 - 01581
Operator's Well No. #2STATE 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 PULLMAN

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 ☒ **ANY WELL EFFLUENT MUST BE CONTAINED
IN TANKS BEFORE OFF-SITE DISPOSAL.**

If so, please describe anticipated pit waste: N/A

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 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/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. N/A

-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

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

Company Official (Typed Name) JASON HARMON

Company Official Title DEPUTY CHIEF

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

Notary Public

My commission expires April 6, 2027



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Operator's Well No 47-085-01581Proposed Revegetation Treatment: Acres Disturbed 0.5 Prevegetation pH N/ALime 3 Tons/acre or to correct to pH 6.0Fertilizer type 10 - 10 - 20Fertilizer amount 500 lbs/acreMulch 2-3 Tons/acreSeed MixturesTemporary

Seed Type lbs/acre

N/APermanent

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 FLOWERSComments: RECEIVED
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Environmental ProtectionTitle: INSPECTORDate: 1/21/2025Field Reviewed? ☒ Yes ☐ No

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4708501581

Well Name # 2
PLUGGING PROJECT
API # 47 - 085 - 01581

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. 39.139736, Lon. -80.979462

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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WW-7
8-30-06

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West Virginia Department of Environmental Protection
Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 47 - 085 - 01581 WELL NO.: #2
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: SIMONS, CRANE & HARDBARGER
UTM GPS NORTHING: 4332283.7
UTM GPS EASTING: 501774.9 GPS ELEVATION: 809'

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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