



---

west virginia department of environmental protection

---

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)

Monday, July 14, 2025

WELL WORK PLUGGING PERMIT  
Vertical Plugging

UNKNOWN - DEP PAID PLUGGING CONTRACT  
601 57TH STREET

CHARLESTON, WV 25304

Re: Permit approval for 2  
47-107-01782-00-00

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: COWDERY ROGER K COWDERY  
U.S. WELL NUMBER: 47-107-01782-00-00  
Vertical Plugging  
Date Issued: 7/14/2025

RECEIVED  
Office of Oil and Gas

JUN 23 2025

WV Department of  
Environmental Protection

May 28th

2025  
2025 Little Coal River Rd  
Martinsburg, WV 26151

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

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

1) Well Type: ☒ Oil ☒ Gas ☐ Liquid Injection ☐ Water Injection  
☐ Hot Water Production ☐ or Underground Storage ☒ Other: ☐

2) Location: Elevation 694.42' Watershed Bull Run of the Ohio River  
District Union County Wood Ordinance Willow Island 7.5'

3) Well Identifier: Deponent: WVDEP Paid Product Contract  
Address 601 57th Street Southeast  
Charleston, WV 25304  
4) Designated Agent: Jason Harmon  
Address 601 57th Street Southeast  
Charleston, WV 25304

5) Oil and Gas Inspector to be notified  
Name April Lawson  
Address 347 Main St.  
Spencer, WV 25276  
6) Plugging Contractor  
Name Southern Hydrocarbon Corporation  
Address 934 Little Coal River Road  
Alum Creek, WV 25003

10) Work Order: The work order for the manner of plugging this well is attached to this application.  
See Attached Work Procedures

Notification must be given to the local community and the public before the work can commence.

Work order approved by signature:

April Lawson  
Digitally signed by: April Lawson  
DN: CN = April Lawson email =  
april.lawson@wv.gov C = US  
Date: 2025.06.18 11:44:53 -0400

07/18/2025

RECEIVED  
Office of Oil and Gas

## Plugging Procedure

JUN 23 2025

WV Department of  
Environmental Protection

Date: 05/30/2025

API #: 47-107-01782

Operators Well Number: Cowdery #2

Closest Offset Wells with available information: 47-107-00017

Casing Details				
OD (in.)	ID (in.)	Weight/Grade	Depth (ft.)	Hole Size (in.)
8 5/8	8	NA	205	NA
7	6 1/4	NA	716	NA
5 1/2	4 7/8	NA	1013	NA

1. Notify the inspector at least 24 hours prior to conducting abandonment operations.
2. Blow down well.
3. POOH with Tubing, RIH and confirm TD and fill depth.
4. Prep for cement. NOTIFY INSPECTOR OF TAG DEPTH.
5. Lead with 6% gel spacer on all cement plugs.
  - a. Note: API Class A or Class L will be used for cement plugs.
6. **Plug 1:** Set cement plug from approved tag depth (+/- 1359') to 950'.
7. Free point 4 7/8", rip and pull pipe.
8. **Plug 2:** Set 100' cement plug across casing cut (50' inside and 50' on top).
9. **Plug 3:** Set cement plug from 750' to 650' to cover 6 1/4" casing shoe and elevation.
10. Free point 6 1/4" casing, rip and pull pipe.
11. **Plug 4:** Set 100' cement plug across casing cut (50' inside and 50' on top).
12. **Plug 5:** Set cement plug from 250' to Surface.
13. Set Monument 30" above ground with Well Name, API Number, and Plug Date.

07/18/2025

-81°22'19.17138" (-81.37199°)

10,935'

UTM NAD83-17N  
N: 4,353,391.905  
E: 467,938.553

Latitude: 39°20'00"

(N86°W 528')

(N06°E 20')

(N84°W 429')

(N03°15'E 602.20')

TOPO  
LOC

STERLING BUNTING  
TAX MAP 100 PARCEL Z  
DB 852 PAGE 552

BUNTING #4

BUNTING #8

BUNTING #1

BUNTING #7

BUNTING #5

BUNTING #2

BUNTING #3

COWDERY #1

N82°15'31"E 1303.88' (TE)

FENCE POST CORNER  
WEST SIDE BULL RUN

ROGER COWDERY  
TAX MAP 150 PARCEL F  
DB 1295 PAGE 26

COWDERY #2  
ELEV=894.42'

R.J. CORBITT

BUNTING #6

BUNTING #9

BUNTING #10

BUNTING #11

BUNTING #12

BUNTING #13

BUNTING #14

BUNTING #15

BUNTING #16

BUNTING #17

BUNTING #18

BUNTING #19

BUNTING #20

BUNTING #21

BUNTING #22

BUNTING #23

BUNTING #24

BUNTING #25

BUNTING #26

BUNTING #27

BUNTING #28

BUNTING #29

BUNTING #30

BUNTING #31

BUNTING #32

BUNTING #33

BUNTING #34

BUNTING #35

BUNTING #36

BUNTING #37

BUNTING #38

BUNTING #39

BUNTING #40

BUNTING #41

BUNTING #42

BUNTING #43

BUNTING #44

BUNTING #45

BUNTING #46

BUNTING #47

BUNTING #48

BUNTING #49

BUNTING #50

BUNTING #51

BUNTING #52

BUNTING #53

BUNTING #54

BUNTING #55

BUNTING #56

BUNTING #57

BUNTING #58

BUNTING #59

BUNTING #60

BUNTING #61

BUNTING #62

BUNTING #63

BUNTING #64

BUNTING #65

BUNTING #66

BUNTING #67

BUNTING #68

BUNTING #69

BUNTING #70

BUNTING #71

BUNTING #72

BUNTING #73

BUNTING #74

BUNTING #75

BUNTING #76

BUNTING #77

BUNTING #78

BUNTING #79

BUNTING #80

BUNTING #81

BUNTING #82

BUNTING #83

BUNTING #84

BUNTING #85

BUNTING #86

BUNTING #87

BUNTING #88

BUNTING #89

BUNTING #90

BUNTING #91

BUNTING #92

BUNTING #93

BUNTING #94

BUNTING #95

BUNTING #96

BUNTING #97

BUNTING #98

BUNTING #99

BUNTING #100

BUNTING #101

BUNTING #102

BUNTING #103

BUNTING #104

BUNTING #105

BUNTING #106

BUNTING #107

BUNTING #108

BUNTING #109

BUNTING #110

BUNTING #111

BUNTING #112

BUNTING #113

BUNTING #114

BUNTING #115

BUNTING #116

BUNTING #117

BUNTING #118

BUNTING #119

BUNTING #120

BUNTING #121

BUNTING #122

BUNTING #123

BUNTING #124

BUNTING #125

BUNTING #126

BUNTING #127

BUNTING #128

BUNTING #129

BUNTING #130

BUNTING #131

BUNTING #132

BUNTING #133

BUNTING #134

BUNTING #135

BUNTING #136

BUNTING #137

BUNTING #138

BUNTING #139

BUNTING #140

BUNTING #141

BUNTING #142

BUNTING #143

BUNTING #144

BUNTING #145

BUNTING #146

BUNTING #147

BUNTING #148

BUNTING #149

BUNTING #150

BUNTING #151

BUNTING #152

BUNTING #153

BUNTING #154

BUNTING #155

BUNTING #156

BUNTING #157

BUNTING #158

BUNTING #159

BUNTING #160

BUNTING #161

BUNTING #162

BUNTING #163

BUNTING #164

BUNTING #165

BUNTING #166

BUNTING #167

BUNTING #168

BUNTING #169

BUNTING #170

BUNTING #171

BUNTING #172

BUNTING #173

BUNTING #174

BUNTING #175

BUNTING #176

BUNTING #177

BUNTING #178

BUNTING #179

BUNTING #180

BUNTING #181

BUNTING #182

BUNTING #183

BUNTING #184

BUNTING #185

BUNTING #186

BUNTING #187

BUNTING #188

BUNTING #189

BUNTING #190

BUNTING #191

BUNTING #192

BUNTING #193

BUNTING #194

BUNTING #195

BUNTING #196

BUNTING #197

BUNTING #198

BUNTING #199

BUNTING #200

BUNTING #201

BUNTING #202

BUNTING #203

BUNTING #204

BUNTING #205

BUNTING #206

BUNTING #207

BUNTING #208

BUNTING #209

BUNTING #210

BUNTING #211

BUNTING #212

BUNTING #213

BUNTING #214

BUNTING #215

BUNTING #216

BUNTING #217

BUNTING #218

BUNTING #219

BUNTING #220

BUNTING #221

BUNTING #222

BUNTING #223

BUNTING #224

BUNTING #225

BUNTING #226

BUNTING #227

BUNTING #228

BUNTING #229

BUNTING #230

BUNTING #231

BUNTING #232

BUNTING #233

BUNTING #234

BUNTING #235

BUNTING #236

BUNTING #237

BUNTING #238

BUNTING #239

BUNTING #240

BUNTING #241

BUNTING #242

BUNTING #243

BUNTING #244

BUNTING #245

BUNTING #246

BUNTING #247

BUNTING #248

BUNTING #249

BUNTING #250

BUNTING #251

BUNTING #252

BUNTING #253

BUNTING #254

BUNTING #255

BUNTING #256

BUNTING #257

BUNTING #258

BUNTING #259

BUNTING #260

BUNTING #261

BUNTING #262

BUNTING #263

BUNTING #264

BUNTING #265

BUNTING #266

BUNTING #267

BUNTING #268

BUNTING #269

BUNTING #270

BUNTING #271

BUNTING #272

BUNTING #273

BUNTING #274

BUNTING #275

BUNTING #276

BUNTING #277

BUNTING #278

BUNTING #279

BUNTING #280

BUNTING #281

BUNTING #282

BUNTING #283

BUNTING #284

BUNTING #285

BUNTING #286

BUNTING #287

BUNTING #288

BUNTING #289

RECEIVED  
Office of Oil and Gas

JUN 23 2025

WV Department of  
Environmental Protection

WEST VIRGINIA DEPARTMENT OF MINES

Oil and Gas Section

PRELIMINARY DATA SHEET NO. 1

File No. W00-17 Well No. 29

Dental Oil Company, of Sistersville, W. Va.

Mahone Heirs Farm on the \_\_\_\_\_ Farm

containing \_\_\_\_\_ acres, Location \_\_\_\_\_

Union District, in Wood County, West Virginia.

The surface of the above tract is owned in fee by R. C. Mahone, Atty

of 1009 Vine St., Wheeling, W. Va. address, and the mineral rights are owned by

Same of \_\_\_\_\_

The oil and gas privileges are held under lease by the above named company, and this well is drilled under permit No. W00-17 issued by the West Virginia Department of Mines, Oil and Gas Section,

September 2nd 1932

Elevation of surface at top of well. \_\_\_\_\_ Spirit  
Barometric.

The number of feet of the different sized casings used in the well.

24 1/2 feet 10" Conductor size. Wood conductor

205 feet 8" size, csg. \_\_\_\_\_ feet \_\_\_\_\_ sized csg.

716 feet 6 1/4" size, csg. \_\_\_\_\_ feet \_\_\_\_\_ sized csg.

1013 feet 4 7/8" size, csg. \_\_\_\_\_ feet \_\_\_\_\_ sized csg.

\_\_\_\_\_ packer of \_\_\_\_\_ size, set at \_\_\_\_\_

\_\_\_\_\_ packer of \_\_\_\_\_ size, set at \_\_\_\_\_

\_\_\_\_\_ in casing perforated at \_\_\_\_\_ feet to \_\_\_\_\_ feet.

\_\_\_\_\_ in casing perforated at \_\_\_\_\_ feet to \_\_\_\_\_ feet.

Coal was encountered at \_\_\_\_\_ feet; thickness \_\_\_\_\_ inches, and at \_\_\_\_\_

feet; thickness \_\_\_\_\_ inches; and at \_\_\_\_\_ feet; thickness \_\_\_\_\_ inches.

Liners were used as follows: (Give details) \_\_\_\_\_

August 2nd 1933

Date.

Approved Dental Oil Company Owner.

By [Signature] General Manager  
(Type)

07/18/2025

Dental Oil

Company

## COMPLETION DATA SHEET

Sistersville, W. Va.

Address

NO. 2

Mahone Heirs well No. 29 File # W00-17

## FORMATION RECORD

Name	Color	Character	Oil, Gas or Water	Top	Bottom	Thickness	Total Depth	Remarks
1st Cow Run			Water	70'				
Second Cow Run				730	742			
				840	860			
		Little Oil at		1074				
		Little Gas		1084				
Break in Sand				1093				
Sand		Smell of oil at 1118'		1097	1128			
Sand		Little water 1152'		1132	1152			
Sand				1160	1164			
Sand				1174	1193			
Sand		Smell of oil at 1248		1229	1251			
Maxon Sand				1324				
Break in Sand				1333				
Sand				1337				
Depth still in Sand				1359				

Small gas well rock pressure 260 pounds.

RECEIVED  
Office of Oil and Gas

JUN 23 2025

WV Department of  
Environmental Protection

shot  
Well was not shot at.....feet; well was shot at.....feet.

Salt salt  
Fresh water at.....feet; fresh water at.....feet.

producing  
Well was hole.

DENTAL OIL COMPANY,

August 2nd, 1933

Approved

General Manager.

Date

Owner

NOTE: All bottom formations must be noted as indicated above and all key-rocks and oil and gas sands must be recorded under their proper geological names in the district as well as any local names commonly used in the district for such strata.

07/18/2025



WW-4A  
Revised 6-07

JUN 23 2025

WV Department of  
Environmental Protection

1) Date: 05/28/2025  
2) Operator's Well Number  
Cowdery 2  
3) API Well No.: 47 - 107 - 01782

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

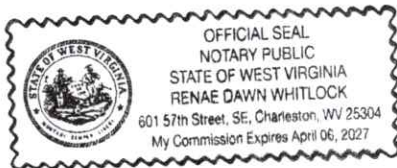
4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name Roger Cowdery	Name Not Reported
Address 621 Bull Run Rd.	Address
Waverly, WV 26184	
(b) Name Not Reported	(b) Coal Owner(s) with Declaration
Address	Name Not Reported
	Address
(c) Name Not Reported	Name
Address	Address
6) Inspector April Lawson	(c) Coal Lessee with Declaration
Address 347 Main St.	Name Not Reported
Spencer, WV 25276	Address
Telephone (681) 990-6944	

**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 Unknown - WVDEP Paid Plugging Contract  
By: Jason Harmon  
Its: WV Office of Oil and Gas Deputy Chief  
Address 601 57th Street Southeast  
Charleston, WV 25304  
Telephone 304-926-0452

Subscribed and sworn before me this 25th day of June 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](mailto:depprivacyoffier@wv.gov).

07/18/2025

RECEIVED  
Office of Oil and Gas  
JUN 23 2025  
WV Department of  
Environmental Protection

7021 1970 0001 1400 4306

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only	
For delivery information, visit our website at <a href="http://www.usps.com">www.usps.com</a> ®.	
Certified Mail Fee \$	
Extra Services & Fees (check box, add fee as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy)	\$
<input type="checkbox"/> Return Receipt (electronic)	\$
<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$
Postage \$	
Total Postage and Fees \$	
Sent To <b>USPS</b>	
Street and Apt. No., or P.O. Box No. <b>Roger Cowdery</b>	
City, State, ZIP+4® <b>621 Bull Run Rd</b>	
<b>Waverly, WV 26184</b>	
PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions	

07/18/2025



WW-9  
(5/16)

RECEIVED  
Office of Oil and Gas

JUN 23 2025

API Number 47 - 107 - 01782

Operator's Well No. Coudery 2

WV Department of  
Environmental Protection

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

OFFICE OF OIL AND GAS

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name Unknown - WVDEP Paid Plugging Contract OP Code \_\_\_\_\_

Watershed (HUC 10) Bull Run of the Ohio River Quadrangle Willow Island 7.5'

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: Production Fluid and Cement Returns

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 \_\_\_\_\_ )  
☐ 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: Above Ground Steel Pit

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? 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.

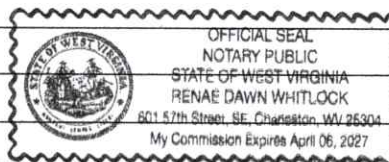
I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations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

Company Official (Typed Name) \_\_\_\_\_

Company Official Title \_\_\_\_\_



Subscribed and sworn before me this 25<sup>th</sup> day of June, 2025

[Signature] Notary Public

My commission expires April 6, 2027

07/18/2025

JUN 23 2025

Form W-1

WV Department of  
Environmental Protection

Operator's Well No. County?

Proposed Remediation Treatment Acres Disturbed +/-

Prevegetation pH 6.5

Lime 3 Tons acre or to correct to pH 6.5

Fertilizer type 10-20-20

Fertilizer amount TBD lbs/acre

Mulch 2 Tons/acre

Seed Mixtures

Temporary

Permanent

Seed Type	lbs/acre	Seed Type	lbs/acre
Contractors Mix	30	Contractors Mix	30

Attach

Maps of road, location, pit and proposed area for land application (unless engineered plans including this map 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.

April Lawson

Digitally signed by April Lawson  
DN: cn = April Lawson email =  
april.lawson@wv.gov c = US  
Date: 2025.06.18 11:45:31 -0400

Plan Approved by:

Follow E&S Control Plan

Comments:

File: OOG Inspector

Date: 6/18/25

Field Reviewed: ☐ Yes ☐ No

07/18/2025

JUN 23 2025

WV Department of  
Environmental Protection

Page \_\_\_\_\_ of \_\_\_\_\_  
API Number 47 - 107 - 01782  
Operator's Well No. Coudery 2

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

Operator Name: Unknown - WVDEP Paid Plugging Contract

Watershed (HUC 10): Bull Run of the Ohio River

Quad: Willow Island 7.5'

Farm Name: Coudery

1. List the procedures used for the treatment and discharge of fluids. Include a list of all operations that could contaminate the groundwater.

N/A

2. Describe procedures and equipment used to protect groundwater quality from the list of potential contaminant sources above.

N/A

3. List the closest water body, distance to closest water body, and distance from closest Well Head Protection Area to the discharge area.

Bull Run of the Ohio River

4. Summarize all activities at your facility that are already regulated for groundwater protection.

N/A

5. Discuss any existing groundwater quality data for your facility or an adjacent property.

07/18/2025

JUN 23 2025

WV Department of  
Environmental Protection

Page \_\_\_\_\_ of \_\_\_\_\_  
API Number 47 - 107 - 01782  
Operator's Well No. Cowdery 2

N/A

6. Provide a statement that no waste material will be used for deicing or fill material on the property.

N/A

7. Describe the groundwater protection instruction and training to be provided to the employees. Job procedures shall provide direction on how to prevent groundwater contamination.

N/A

8. Provide provisions and frequency for inspections of all GPP elements and equipment.

N/A

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

07/18/2025

Date: 05/30/2025

James Martin  
Office of Oil and Gas  
601 57<sup>th</sup> Street, SE  
Charleston, WV 25304  
(304)-926-0450

RECEIVED  
Office of Oil and Gas

JUN 23 2025

WV Department of  
Environmental Protection

Mr. Martin,

Due to our cement provider, Kosmos Cement Company LLC, discontinuing Class A cement, the following well we will be utilizing API Class L cement for the plugging operation.

API Number: 47-107-01782  
Well Name: Cowdery #2

Regards,  
Terry Rexroad  
R&R Well Service L.L.C.

07/18/2025





---

west virginia department of environmental protection

---

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**

**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.

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.

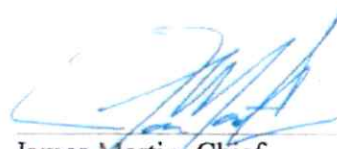
### **ORDER**

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

07/18/2025



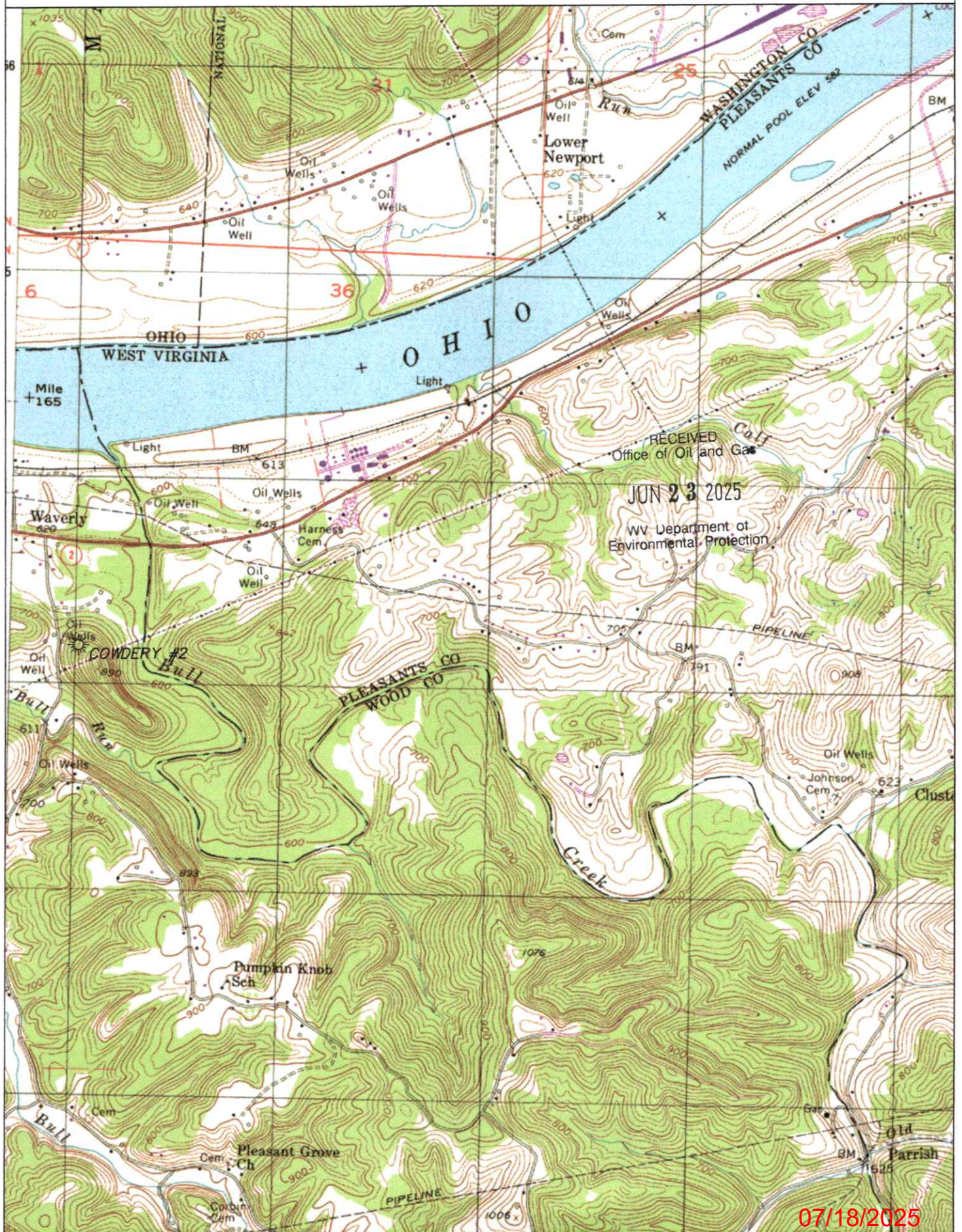
47-107-01782

COUNTY/DISTRICT

WOOD/UNION

QUADRANGLE:

WILLOW ISLAND 7.5'





WW-7  
8-30-06

RECEIVED  
Office of Oil and Gas

JUN 23 2025

WV Department of  
Environmental Protection



West Virginia Department of Environmental Protection  
Office of Oil and Gas

**WELL LOCATION FORM: GPS**

API: 47-107-01782 WELL NO.: 2

FARM NAME: Cowdery

RESPONSIBLE PARTY NAME: \_\_\_\_\_

COUNTY: Wood DISTRICT: Union

QUADRANGLE: Willow Island 7.5'

SURFACE OWNER: Roger Cowdery

ROYALTY OWNER: Unknown

UTM GPS NORTHING: 4,353,391.905

UTM GPS EASTING: 467,938.553 GPS ELEVATION: 694.42'

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 X : Post Processed Differential \_\_\_\_\_

Real-Time Differential X \_\_\_\_\_

Mapping Grade GPS \_\_\_\_\_ : Post Processed Differential \_\_\_\_\_

Real-Time Differential \_\_\_\_\_

4. **Letter size copy of the topography map showing the well location.**

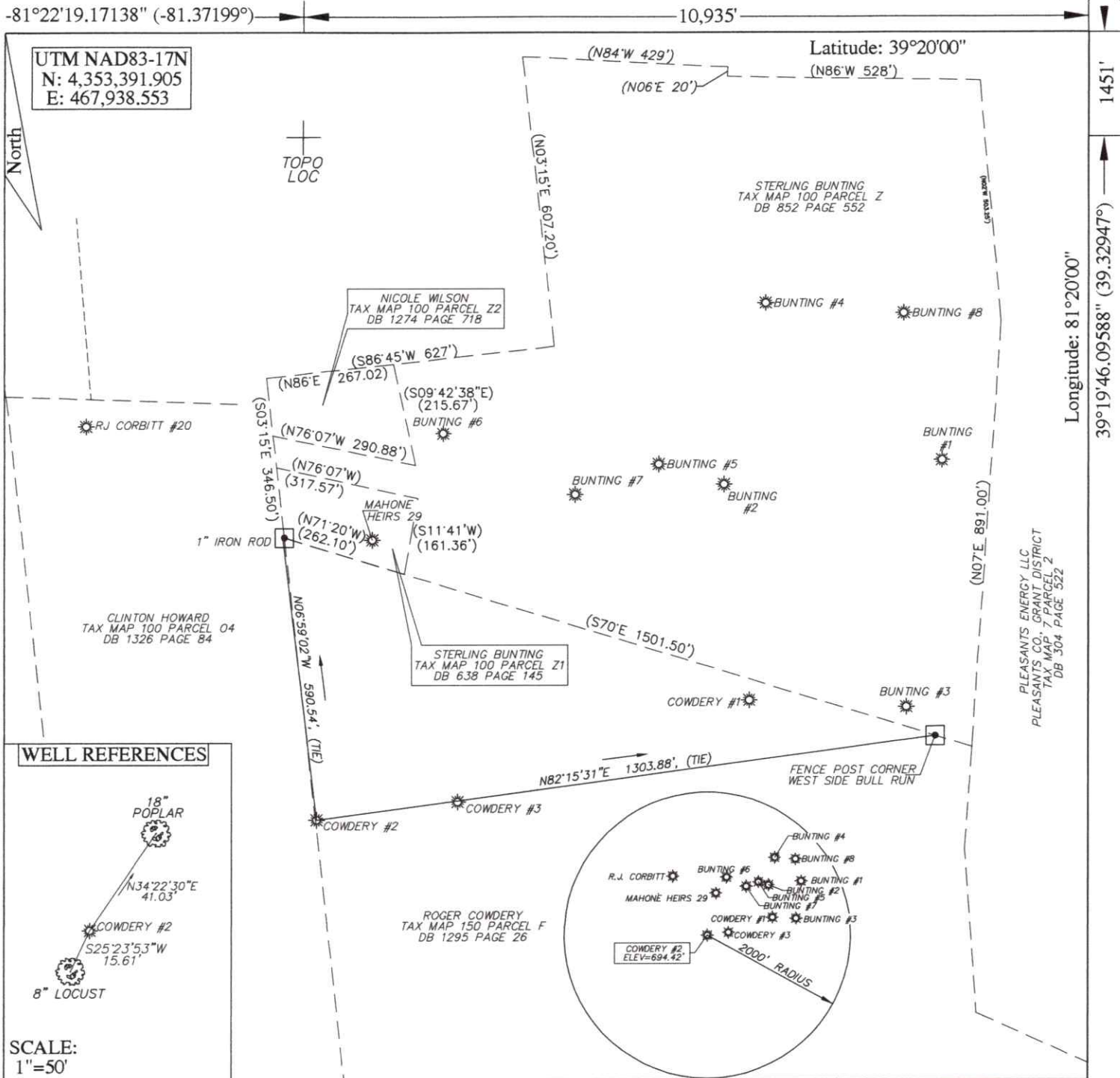
I the undersigned, hereby certify this data is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Office of Oil and Gas.

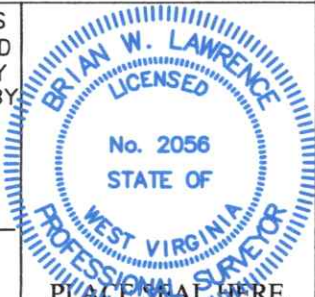
Signature \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

07/18/2025



FILE # <u>25R-044_COWDERY #2</u>	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 DEPARTMENT OF ENVIRONMENTAL PROTECTION.		
DRAWING # <u>COWDERY #2</u>	Signed: <u>Brian W. Lawrence</u> BRIAN W. LAWRENCE		
SCALE <u>1"=300'</u>	R.P.E.: _____ L.L.S.: <u>2056</u>		
MINIMUM DEGREE OF ACCURACY <u>1 / 200</u>	DATE: <u>05/29/2025</u>		
PROVEN SOURCE OF ELEVATION <u>SURVEY GRADE G.P.S.</u>	OPERATORS WELL #: <u>2</u>		
WVDEP OFFICE OF OIL & GAS 601 57TH STREET CHARLESTON, WV 25304			
Well Type: <input checked="" type="checkbox"/> Oil <input type="checkbox"/> Waste Disposal <input type="checkbox"/> Production <input type="checkbox"/> Deep <input checked="" type="checkbox"/> Gas <input type="checkbox"/> Liquid Injection <input type="checkbox"/> Storage <input type="checkbox"/> Shallow		API WELL # <u>47</u> <u>107</u> <u>01782</u> STATE COUNTY PERMIT	
WATERSHED <u>BULL RUN OF THE OHIO RIVER</u>		ELEVATION: <u>694.42'</u>	
COUNTY/DISTRICT <u>WOOD/UNION</u>		QUADRANGLE: <u>WILLOW ISLAND 7.5'</u>	
SURFACE OWNER <u>ROGER COWDERY</u>		ACREAGE <u>88.5</u>	
OIL & GAS ROYALTY OWNER: <u>UNKNOWN</u>		ACREAGE <u>88.5</u>	
DRILL <input type="checkbox"/> CONVERT <input type="checkbox"/> DRILL DEEPER <input type="checkbox"/> REDRILL <input type="checkbox"/> FRACTURE OR STIMULATE <input type="checkbox"/> PLUG OFF OLD FORMATION <input type="checkbox"/> PERFORATE NEW FORMATION <input type="checkbox"/> PLUG & ABANDON <input checked="" type="checkbox"/> CLEAN OUT & REPLUG <input type="checkbox"/> OTHER CHANGE <input type="checkbox"/> (SPECIFY): _____			
TARGET FORMATION: <u>MAXON SAND</u>		ESTIMATED DEPTH: <u>1359 +/-</u>	
WELL OPERATOR <u>UNKNOWN/DEP PLUGGING CONTRACT</u>		DESIGNATED AGENT <u>JASON HARMON</u>	
Address <u>601 57TH STREET SOUTHEAST</u>		Address <u>601 57TH STREET SOUTHEAST</u>	
City <u>CHARLESTON</u> State <u>WV</u> Zip Code <u>25304</u>		City <u>CHARLESTON</u> State <u>WV</u> Zip Code <u>25304</u>	



RECEIVED  
Office of Oil and Gas

## SURFACE OWNER WAIVER

JUN 23 2025

WV Department of  
Environmental Protection

Operator's Well  
Number

Cowdery 2

### 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 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,

Date

Name

Signature

By  
Its

Date

Signature

07/18/2025  
Date

WW-4B

RECEIVED  
Office of Oil and Gas

JUN 23 2025

WV Department of  
Environmental Protection

API No. 47-107-01782

Farm Name Cowdery

Well No. Cowdery 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 \_\_\_\_\_

07/18/2025

47-107-01782

00017

11/10/2016

PLUGGING PERMIT CHECKLIST

RECEIVED  
Office of Oil and Gas

JUN 23 2025

WV Department of  
Environmental Protection

Plugging Permit

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

07/18/2025



Kennedy, James P &lt;james.p.kennedy@wv.gov&gt;

**plugging permits issued for 4710701785 01783 01782 01780 01779 01778**

2 messages

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

Mon, Jul 14, 2025 at 10:32 AM

To: Henry J Harmon &lt;henry.j.harmon@wv.gov&gt;, April N Lawson &lt;april.n.lawson@wv.gov&gt;, dnohe@woodcountywv.com, "Southern Hydrocarbon Corp." &lt;shydrocrbn@gmail.com&gt;

To whom it may concern, plugging permits have been issued for 4710701785 01783 01782 01780 01779 01778.

--

**James Kennedy**







Environmental Resource Specialist III / Permitting

WVDEP Office of Oil and Gas

601 57<sup>th</sup> Street, SE

Charleston, WV 25304

304-926-0499 ext. 45025

[james.p.kennedy@wv.gov](mailto:james.p.kennedy@wv.gov)**6 attachments** **4710701782.pdf**  
2085K **4710701785.pdf**  
2201K **4710701779.pdf**  
2102K **4710701780.pdf**  
2279K **4710701783.pdf**  
2330K **4710701778.pdf**  
2248K**Mail Delivery Subsystem** <mailer-daemon@googlemail.com>

Mon, Jul 14, 2025 at 10:32 AM

To: james.p.kennedy@wv.gov

**Address not found**

Your message wasn't delivered to **dnohe@woodcountywv.com** because the address couldn't be found, or is unable to receive mail.

**07/18/2025**

**LEARN MORE**

⚠ This link will take you to a third-party site

The response from the remote server was:

550 5.4.1 Recipient address rejected: Access denied. For more information see  
<https://aka.ms/EXOSmtpErrors> [BL02EPF0001B417.namprd09.prod.outlook.com 2025-07-14T14:32:47.442Z  
08DDBE9A9D29CDF5]

Final-Recipient: rfc822; [dnohe@woodcountywv.com](mailto:dnohe@woodcountywv.com)

Action: failed

Status: 5.4.1

Remote-MTA: dns; [woodcountywv-com.mail.protection.outlook.com](https://aka.ms/EXOSmtpErrors).

(2a01:111:f403:f900::1, the server for the domain [woodcountywv.com](https://aka.ms/EXOSmtpErrors).)

Diagnostic-Code: smtp; 550 5.4.1 Recipient address rejected: Access denied. For more information see  
<https://aka.ms/EXOSmtpErrors> [BL02EPF0001B417.namprd09.prod.outlook.com 2025-07-14T14:32:47.442Z  
08DDBE9A9D29CDF5]

Last-Attempt-Date: Mon, 14 Jul 2025 07:32:47 -0700 (PDT)

---

 **noname**  
3K

07/18/2025