



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

Monday, June 15, 2026
WELL WORK PLUGGING PERMIT
Vertical Plugging

UNKNOWN - DEP PAID PLUGGING CONTRACT
601 57TH STREET

CHARLESTON, WV 25304

Re: Permit approval for 1
47-045-00004-00-00

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.

H. Jason Harmon
Chief

Operator's Well Number: 1
Farm Name: FARMER, MARY ANN
U.S. WELL NUMBER: 47-045-00004-00-00
Vertical Plugging
Date Issued: 6/15/2026

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. 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.
2. Well work activities shall not constitute a hazard to the safety of persons.
3. 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.

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

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

4) Well Type: Oil / Gas / Liquid injection / Waste disposal /
(If "Gas, Production or Underground storage) Deep / Shallow

5) Location: Elevation Watershed
District County Quadrangle

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 Name RANDALL M. KIRCHBERG
Address P. O. BOX 1052
BUCKHANNON, WV 26201
9) Plugging Contractor Name UNKNOWN AT THIS TIME
Address _____

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

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

Work order approved by inspector

Randall M. Kirchberg
Digitally signed by Randall M. Kirchberg
DN: cn = Randall M. Kirchberg, email = randall.m.kirchberg@wv.gov, o = US O - WV DEP, ou = Office of Oil and Gas
Date: 2025.01.14 10:33:23 -0500

Date

January 14, 2026

06/19/2026

PLUGGING PROJECT

Mary Ann Farmer #1

API # 47-045-00004

Site Preparation:

An access road will need to be constructed from Cabin Road up the hill to the well site. A DOH Access Permit will be required. A temporary culvert may need to be placed in the ditch where the access road leaves Cabin Rd. The road will cross the Adkins' yard then turn right up the hill to the well site. The area around the well will have to be cleared and leveled to accommodate the plugging equipment. A second culvert may be needed where the access road meets the well site. Silt Fence and/or other E & S controls should be used as needed along the access road and the perimeter of the cleared area around the well. Tie mats should be used where the road crosses the yard. Stone should be placed on the road from the yard uphill to the well site. The access road is estimated to be 250 feet in length X 12 feet wide. Tie mats and/or stone may be required to stabilize the well site. A cellar will be installed around the well head.

06/19/2026



360°N (T) ● 37.930171°, -82.036936° ±6ft ▲ 8631



47-045-00004
06 Jan 2026 14:31:49

06/19/2026

Possible Plug Depths

47-045-00004

Lower Isolation Plug from TD up to TD minus 200 feet

Saltwater Isolation Plug from 925 feet to 825 feet

Surface Plug from 350 feet to Surface

Casing Shoe plug 7" 10ft below 9ft above

6% Bentonite Gel spacers should be placed between all cement plugs.

If unable to remove casing and / or tubing, perforations should be placed at all plug depths prior to cementing

All cement plugs must be tagged to confirm cement top. If TOC is too low, cement must be topped off before continuing up hole to the next plug.

06/19/2026

Well Information

API #: **47-045-00004**

Well #: Mary Ann Farmer #1

Year Drilled: 1929

Logan County, WV

Elevation: 861'

No well record

10" Casing Depth: Unknown

7" Casing Depth: Unknown

3" Tubing Depth: Unknown

Total Depth: Unknown

Offset well data from similar timeframe:

Toney #2 - 47-045-00001

Drilled in 1929

Elevation 880'

10" Casing to 44'

6-5/8" Casing to 1222'

2" Tubing to 1983'

Nearest Modern Offset well:

Lawson Heirs #B-18 – 47-045-01400

Drilled in 2001

Elevation 1005'

Fresh Water Depth: 55'

Coal Depths: 52'-55', 164'-166', 172'-174'

Little Lime: 1236' – 1282'

Big Lime: 1282' – 1530'

Injun: 1530' – 1570'

Plugging Procedure

47-045-00004

1. Notify Inspector Specialist, Randy Kirchberg, 48 hours prior to commencing operations, cell #: 681-781-9890, email: randall.m.kirchberg@wv.gov.
Contact WV DOH for Access Permit
Contact WV 811 to locate and mark all utilities in the area.
2. Prepare the site and access road for the rig and other plugging equipment. A culvert may be required along Cabin Road and on the access road.
3. Install Matting Boards across the Adkins' yard.
4. Install a cellar around the well bore.
5. Install Erosion and Sediment Controls along the access road and well site as needed.
6. Mobilize rig and support equipment to the well site.
7. Wireline Lubricators and JU style Tubing Stripper Heads must be used to maintain well control.
8. All well control equipment must have operable valves to attach kill lines if necessary.
9. Bleed the pressure off the well into a tank or other vessel.
10. Load the well bore with fluid. Run Sand Line tools into the well to check TD.
11. Attempt to pull 3-1/2" tubing from the well.
12. If tubing can not be removed, run E-line into the well to cut the 3-1/2" tubing.
13. If tubing is successfully removed run E-line into the well to determine the bottom of 7" casing and whether it is cemented or not.
14. If uncemented, remove the 7" casing from the well.
15. If unable to pull casing, trip in the hole with tubing to TD.
16. Pump 6% Bentonite Gel Spacer followed by a 200-foot Class A Cement Plug. (Lower Isolation Plug)
17. Tag Top of Cement and top off if necessary
18. Trip out of the hole with the tubing.
19. Trip back in the hole with tubing to 925'.
20. Pump 6% Bentonite Gel Spacer followed by a 100-foot Class A Cement Plug. (Saltwater Isolation Plug)
21. Tag Top of Cement and top off if necessary.
22. Trip the tubing out of the well.
23. Attempt to pull the 10" casing
24. Trip the tubing back into the well to 350 feet.
25. Pump 350-foot Class A Cement Plug. (Surface Plug)
26. Remove the cellar and set the monument in the well. 6" OD Minimum, 10 feet below and 3 feet above the finished grade w/ API # and Plugging Date.
27. Rig down and remove all production equipment and demobilize the plugging equipment.
28. Reclaim the well site and access road.
29. Remove all culverts and matting boards.
30. Silt Fences and other E & S Controls should remain until vegetation is growing on all disturbed areas.

Aug 9 7" casing shoe 10' below 90' above.
JK

06/19/2026

WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS DIVISION

PRELIMINARY DATA SHEET NO. 1

209-1

File No. _____

Well No. 2

Cumberland Petroleum Company, of Cleveland, Ohio

on the Toney Tract #2 Farm

containing 488 acres. Location _____

District, in Logan County, West Virginia

The surface of the above tract is owned in fee by Merrill Coal Mines Co. of Logan County, W. Va. address, and the mineral rights are owned by

Merrill Coal Mines Co. of Helmsawson, W. Va.

The oil and gas privileges are held under lease by the above named company, and this well is drilled under permit No. Dated 9/23/1929 issued by the West Virginia Department of Mines, Oil and Gas Division

_____ 193_____

Elevation of surface at top of well, 880 Spirit Barometric.

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

_____ feet _____ size. Wood conductor.

44 feet 10" size, csg. 848 feet 8 1/2" sized csg. pulled

_____ feet _____ size, csg. _____ feet _____ sized csg.

1222 feet 6 5/8" size, csg. _____ feet _____ sized csg.

2" tubing 1983' packer of 6 5/8 x 2" size, set at 1260

_____ packer of _____ size, set at _____

_____ in casing perforated at _____ feet to _____ feet

_____ in casing perforated at _____ feet to _____ feet

Coal was encountered at 306 feet; thickness 12 inches, and at 36

feet; thickness 12 inches; and at _____ feet; thickness _____ inches.

Liners were used as follows: (Give details) _____

Feb. 14, 1930 Date.

Approved Cumberland Petroleum Company, Owner.

By Wm. J. Schmitt

209-1

Cumberland Petroleum Company

COMPLETION DATA SHEET

Cleveland, Ohio. Address

No. 2

Well No. Tony #2, Tract #2.

FORMATION RECORD

Name	Color	Character	Oil Gas or Water	Top	Bottom	Thickness	Total Depth	Remarks
Gravel				0	36	36		
Coal				36	37	1		
Slate				37	44	7		
Sand				44	180	136		
Slate				180	190	10		
Sand				190	306	116		
Coal				306	307	1		
Sand				307	790	486		
Lime				790	805	15		
Red rock				805	845	40		
Slate				845	869	24		
Red rock				869	891	22		
Lime	Grey			891	897	6		
Slate				897	930	33		
Red rock				930	940	10		
Slate				950	960	20		
Red rock				960	965	5		
Slate	Blue			965	1000	35		
Red rock				1000	1055	55		
Sand		Maxon		1055	1065	10		
Slate & shells				1065	1105	40		
Lime	White			1105	1115	10		
Slate				1115	1120	5		
Lime		Little		1120	1130	10		
Pencil case				1130		51		
Lime	Black			1161	1220	59		
Top Lime		Big		1220	1454	234		
			Small show gas	1307				
			" "	1383				
			Post pay gas	1393	1398	5		
			Small show gas	1423	1428	5		
Sand	Black			1454	1462	8		
Sand		Injun		1462	1470	8		
Lime				1470	1525	55		
Slate				1525	1575	50		
Lime		Hard		1575	1625	50		
Slate & shells				1625	1920	295		
Lime shell		Hard		1920	1934	14		
Coffee shale				1934	1959	25		
Berea Grit sand				1959	1973	14		
Slate				1973	1983	10		
							1983	

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

Fresh water at _____ feet; fresh water at _____ feet.

Well was _____ hole.
dry.

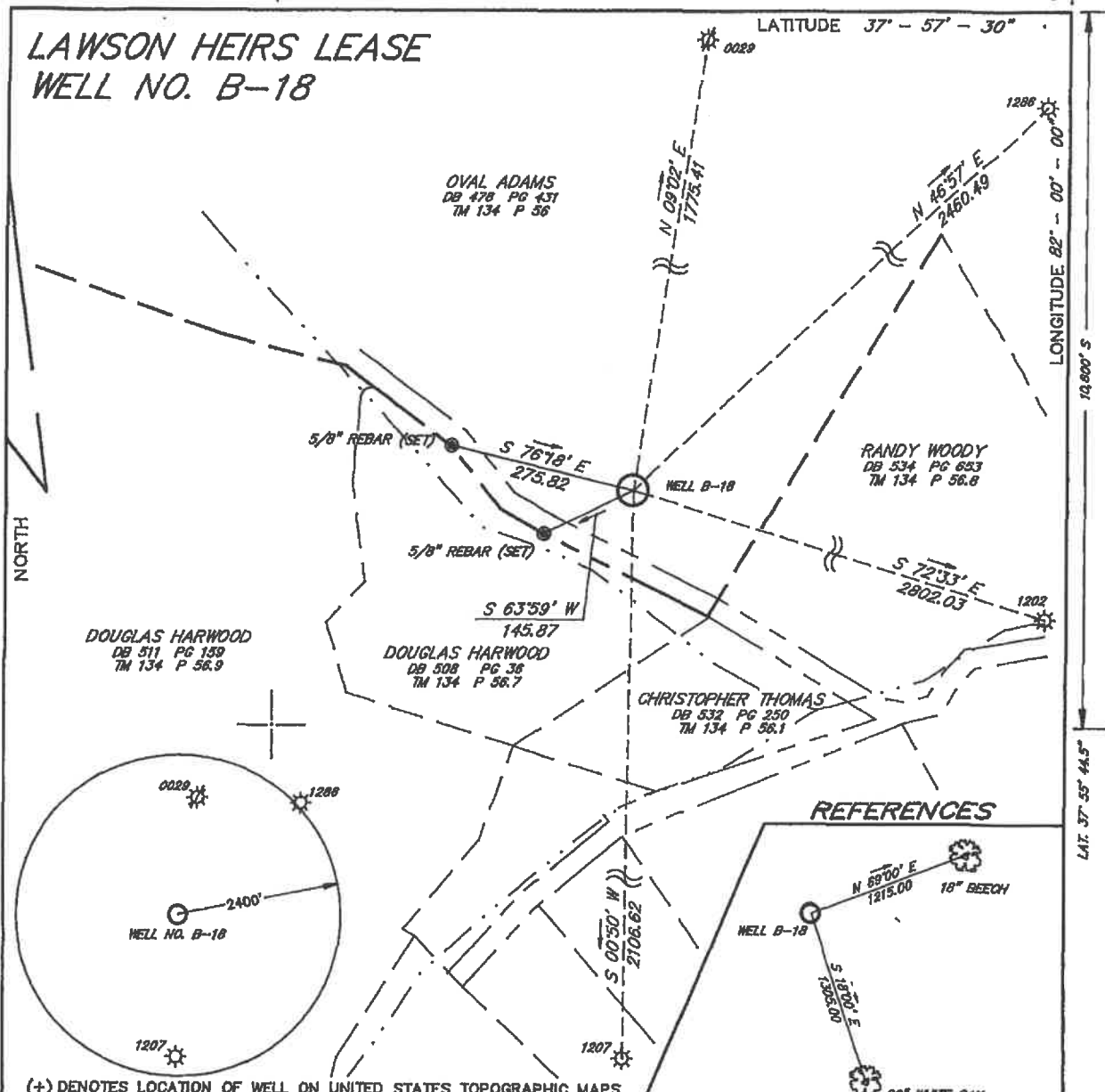
Date _____ Approved _____ Cumberland Petroleum Company
Owner

By Wm. J. Schmitt.

NOTE: All bottom formations must be noted as indicated above and all key-rocks and all 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.

06/19/2026

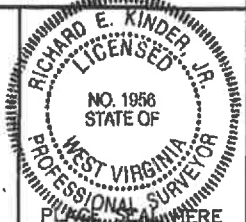
LAWSON HEIRS LEASE WELL NO. B-18



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

FILE NO. 01024
 DRAWING NO. _____
 SCALE 1" = 200'
 MINIMUM DEGREE OF ACCURACY 1 : 2500
 PROVEN SOURCE OF ELEVATION PLAT FOR LAWSON HEIRS WELL B-15

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
 (SIGNED) _____
 R.P.E. _____ I.L.S. 1956



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

DATE MARCH 16, 20 01
 OPERATOR'S WELL NO. LAWSON HEIRS
 API WELL NO. B-18

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 1005.3 WATERSHED CANEY BRANCH
 DISTRICT GLYAN COUNTY LOGAN
 QUADRANGLE CHAPMANVILLE 7.5'

SURFACE OWNER OVAL ADAMS ACREAGE 192.74
 OIL & GAS ROYALTY OWNER LAWSON HEIRS LEASE ACREAGE _____
 LEASE NO. _____

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON CLEAN OUT AND REPLUG

TARGET FORMATION _____ ESTIMATED DEPTH _____

WELL OPERATOR CABOT OIL AND GAS CORPORATION DESIGNATED AGENT JOHN ARSHIRE
 ADDRESS 900 LEE STREET EAST, SUITE 1500 ADDRESS 900 LEE STREET EAST, SUITE 1500
CHARLESTON, WV 25301 CHARLESTON, WV 25301

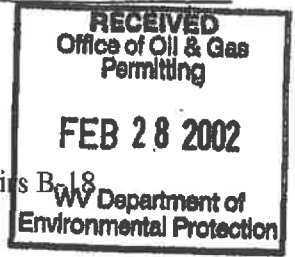
FORM WW-6

COUNTY NAME PERMIT

06/19/2026

ACT

State of West Virginia
Division of Environmental Protection
Section of Oil and Gas
Well Operator's Report of Well Work



Farm name: Oval Adams

Operator Well No.: Lawson Heirs B-18

LOCATION: Elevation: 1005' Quadrangle: Chapmanville
District: Guyan County: Logan
Latitude: 10,600 feet South of 37 DEG. 57 MIN. 30 SEC.
Longitude: 16,700 feet West of 82 DEG. 0 MIN. 0 SEC.

Company: Cabot Oil & Gas Corporation
900 Lee Street East, Suite 500
Charleston, WV 25301

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill up Cu. Ft.
16"	18'	18'	
9 5/8"	663'	663'	252 sks
7"	1195'	1195'	210 sks
4 1/2" 2 Stage Tool @ 2165'		3544'	75 sks 95 sks
2 3/8"		3415'	

Agent: John Abshire
Inspector: Ofie Helmick
Permit Issued: 4/12/01
Well Work Commenced: 8/01/01
Well Work Completed: 10/28/01
Verbal Plugging
Permission granted on:
Rotary X Cable
Total Depth (feet) 3595'
Fresh Water Depths (ft) 55'
Salt Water Depths (ft)
Is coal being mined in area (Y / N)?
Coal Depths (ft) 52'-55', 164'-166', 172'-174'

OPEN FLOW DATA

Producing formation DEVONIAN SHALE BERA
Pay zone depth (ft) 3085' - 3428'
2031' - 2042'
Gas: Initial open flow 133 MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow 978 MCF/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 3 Hours
Static rock pressure 440 psig (surface pressure after 87 Hours)

Second producing formation INJUN BIG LIME
Pay zone depth (ft) 1536' - 1544'
1487' - 1506'
Gas: Initial open flow TSTM MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow 978 MCF/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 3 Hours
Static rock pressure 440 psig (surface pressure after 87 Hours)

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: CABOT OIL & GAS CORPORATION

By: *Ray Prodnich* Operations Manager
Date: 2-27-02

06/19/2026

1) Date: January 14, 2026

2) Operator's Well Number
Mary Ann Farmer #1

3) API Well No.: 47 - 045 - 00004

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

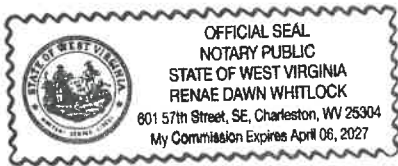
4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>Buddy Allen Ball c/o Thomas Ball</u>	Name <u>UNKNOWN</u>
Address <u>P O Box 309</u>	Address <u>NA</u>
<u>Mount Gay, Wv 25637</u>	
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name _____
	Address _____
(c) Name _____	Name _____
Address _____	Address _____
6) Inspector <u>RANDALL M. KIRCHBERG</u>	(c) Coal Lessee with Declaration
Address <u>P. O. BOX 1052</u>	Name _____
<u>BUCKHANNON, WV 26201</u>	Address _____
Telephone <u>(681)-781-9890</u>	

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

- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form WW-6.

The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses side. However, you are not required to take any action at all.

Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental Protection, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice, the Application, and the plat have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Chief.



Well Operator WV DEP PAID PLUGGING CONTRACT
 By: [Signature]
 Its: _____
 Address 601 57TH STREET S E
CHARLESTON, WV 25304
 Telephone (304) 926-0499 EX 41100

Subscribed and sworn before me this 4th day of June 2026
[Signature] Notary Public
 My Commission Expires April 6, 2027

Oil and Gas Privacy Notice

The Office of Oil and Gas processes your personal information, such as name, address and phone number, as a part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use of your personal information, please contact DEP's Chief Privacy Officer at depprivacyoffier@wv.gov.

06/19/2026



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API No. 47-045-00004

Farm Name

Well No.

**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

SURFACE OWNER WAIVER

Operator's Well
Number

Mary Ann Farmer #1

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW4-A

The well operator named on page WW-4A is applying for a permit from the State to plug and abandon a well. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.

NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.

WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:

Chief, Office of Oil and Gas
Department of Environmental Protection
601 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,

	Date	Name
Signature		By
		Its
		Date
		Signature 06/19/2026 Date

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) _____ Quadrangle _____

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: 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

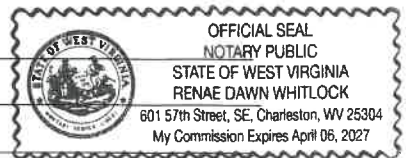
-Landfill or offsite name/permit number? UNKNOWN AT THIS TIME

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 Jason Harmon
Company Official (Typed Name) JASON HARMON
Company Official Title DEPUTY CHIEF



Subscribed and sworn before me this 9th day of June, 2026

Renae Dawn Whitlock Notary Public

My commission expires April 6, 2027

06/19/2026

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		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
N/A		FESCUE	30
		CONTRACTOR MIX	10
		CLOVER	10

Attach:

Maps(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided). If water from the pit will be land applied, provide water volume, include dimensions (L, W, D) of the pit, and dimensions (L, W), and area in acres, of the land application area.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: Randall M. Kirchberg
Digitally signed by: Randall M. Kirchberg
DN: CN = Randall M. Kirchberg, email = randall.m.kirchberg@wv.gov, C = US, O = WV DEP Oil = Office of Oil and Gas
Date: 2026.01.14 10:32:15 -05'00'

Comments: _____

Title: Inspector Specialist Date: January 14, 2026

Field Reviewed? () Yes () No

PLUGGING PROJECT

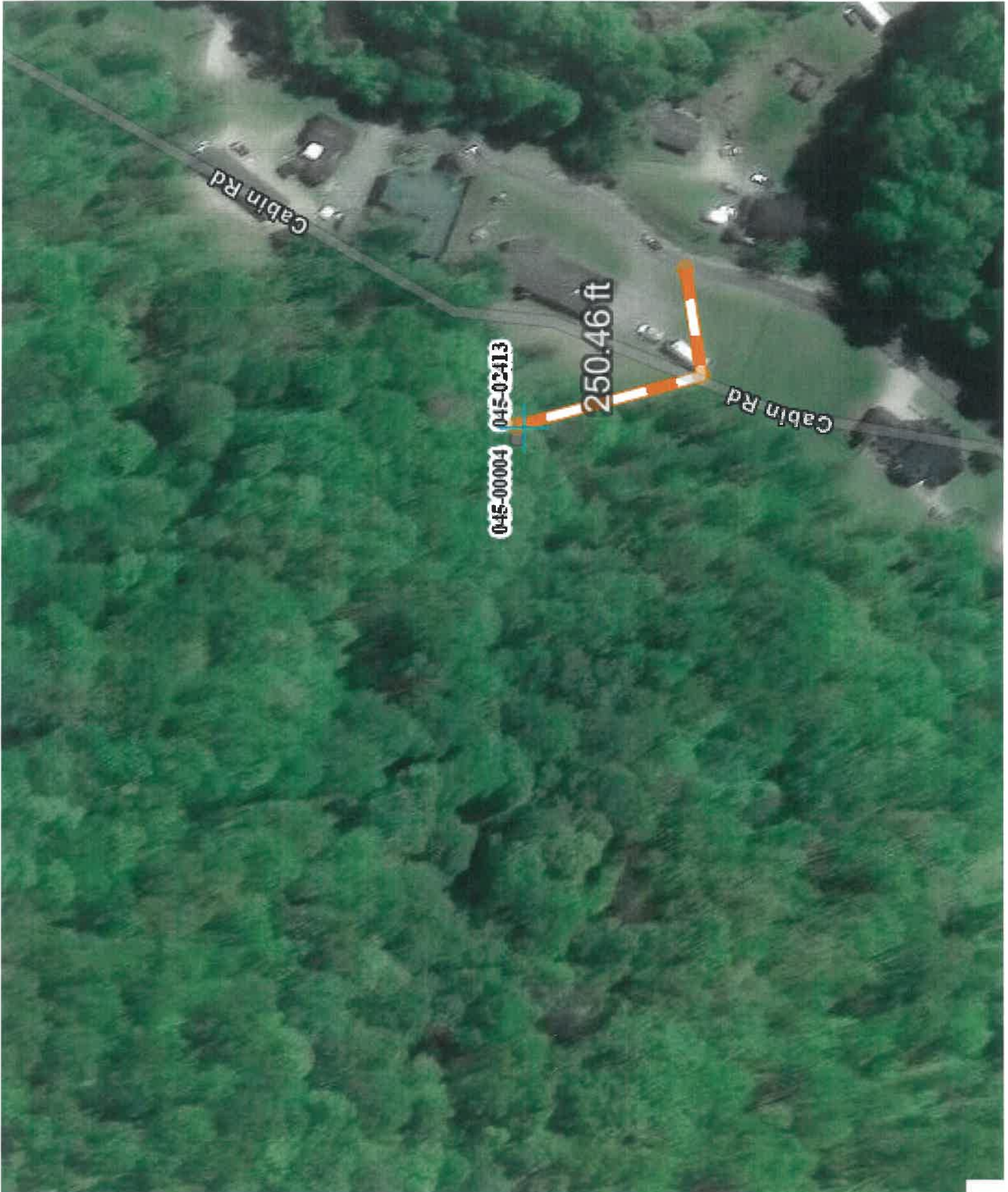
Mary Ann Farmer #1

API # 47-045-00004

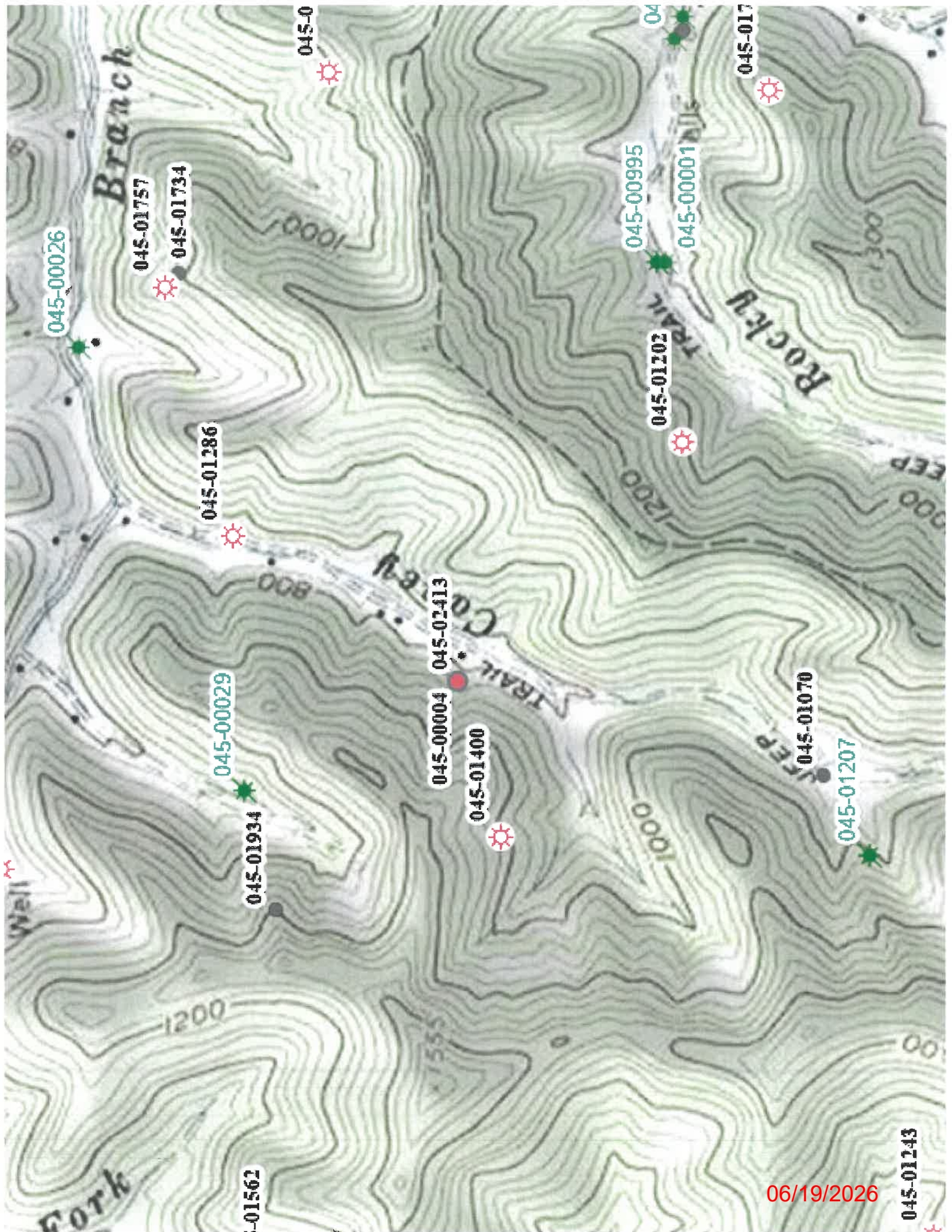
Site Reclamation:

All production equipment shall be removed and disposed of. All silt fences shall be removed and disposed of. All tie mats and/or stone shall be removed from the well site and service road. Any culverts shall be removed from the service road and disposed of. The cellar shall be removed from around the well head. All disturbed areas will be smoothed, seeded and mulched per DEP code. A well monument will be installed at the well head, minimum 6" diameter and 42" above final grade.

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045-01243



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

API: 47-045-00004 WELL NO.: 1
FARM NAME: Mary Ann Farmer #1
RESPONSIBLE PARTY NAME: WV DEP PAID PLUGGING CONTRACT
COUNTY: Logan DISTRICT: Chapmanville
QUADRANGLE: Holden
SURFACE OWNER: Buddy Allen Ball
ROYALTY OWNER: Unknown
UTM GPS NORTHING: 408871
UTM GPS EASTING: 4198567 GPS ELEVATION: 861

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.

Randall M. Kirchberg

Signature

Inspector Specialist

Title

January 14, 2026

Date

06/19/2026



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

plugging permit issued for 4704500004

1 message

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

Mon, Jun 15, 2026 at 10:29 AM

To: Alana C Hartman <alana.c.hartman@wv.gov>, Randall M Kirchberg <randall.m.kirchberg@wv.gov>, Henry J Harmon <henry.j.harmon@wv.gov>, gadkins@wvassessor.com, Alvis C Porter <alvis.c.porter@wv.gov>

To whom it may concern, a plugging permit has been issued for 4704500004.

--

James Kennedy

Environmental Resource Specialist III / Permitting

WVDEP Office of Oil and Gas

601 57th Street, SE

Charleston, WV 25304

304-926-0499 ext. 45025

james.p.kennedy@wv.gov

 **4704500004.pdf**
1609K

06/19/2026