



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

Friday, October 3, 2025
WELL WORK PLUGGING PERMIT
Vertical Plugging

XTO ENERGY INC.
PO BOX 1008
480 INDUSTRIAL PARK RD.
JANE LEW, WV 26378

Re: Permit approval for CRIM 2171 REV
47-049-01993-00-00

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.

A handwritten signature in blue ink, reading "H. Jason Harmon".

H. Jason Harmon
Acting Chief

Operator's Well Number: CRIM 2171 REV
Farm Name: ROCHESTER & PITTSBURGH
U.S. WELL NUMBER: 47-049-01993-00-00
Vertical Plugging
Date Issued: 10/3/2025

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.

WW-4B
Rev. 2/01

1) Date 9/16, 20 25
2) Operator's
Well No. Crm 2171 Rev
3) API Well No. 47-049 - 01963

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

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

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

5) Location: Elevation 1,221' Watershed Lower West Fork River
District Lincoln County Marion Quadrangle Shinnston

6) Well Operator XTO Energy Inc. 7) Designated Agent Gary Beall
Address PO Box 1008 Address PO Box 1008
Jane Lew, WV 26378 Jane Lew, WV 26378

8) Oil and Gas Inspector to be notified 9) Plugging Contractor
Name Jeff Probst Name _____
Address 4936 Little Sand Run Road Address _____
Buckhannon, WV 26201

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

See attached.

Jeff A Probst

10-3-2025

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

Work order approved by inspector *Jeff A Probst* Date 9-16-25

JP 10-3-2025

Jeff A Probst

10-3-2025

10/03/2025

1. General Information

Well: Crim 2171V
Job Scope: Plug and Abandon
Cost Center: 1522721001
AFE #: PA.2025.15593
WI: 100%

2. Contacts

Wellwork Superintendent:	Richard Lightner	(412) 585-1011
Production Superintendent:	Aaron Pina	(724) 207-2719
Production Engineer:	Andrew Marencic	(878) 217-4550
Well Management Engineer:	Sam Abrams	(405) 255-3527
Well Management Engineer:	Anirudh Balasubramanian	+91 9962321998

3. SOP Classifications

Class: Category B (300-1000 psi)
Category A (0-300 psi) after cement plugs in 5-1/2" casing are set.
MASIP: **900 psi**
Wellhead: 11" 5M WP Casing Head
7-1/16" 10M Tubing Head with 1-13/16" wing valves
2-1/16" 5M Production Tree

4. Well Readiness Check

- ☐ Tubing Joints and Connections needed.
- ☐ Casing Spear for 5-1/2" casing
- ☐ Jet Cutter for 5-1/2" casing
- ☐ BOP Stack
 - o 7-1/16" 2-3/8" Pipe Rams
 - o 11" Annular
- ☐ Permits
- ☐ Surface Readiness for work
- ☐ Expanding cement yield - **1.14 cf/sk - 0.203 bbl/sk**

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5. Well History

The Well was drilled and completed in the Marcellus Shale formation in 2009. No work has been performed on this well since completion.

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6. Recommendations

It is recommended to plug and abandon the well as there is no further utility for this wellbore. The P&A is expected to cost \$458,250. The well has cumulatively produced 0 BO and 87,965 mcf.

7. Casing & Tubing Information

String	Depths (MD-ft)	ID (in)	Drift (in)	Burst (psi)	Collapse (psi)	Yield (klbs)	Capacity (bbl/ft)
(Surface Casing) 13-3/8" 54.5# J-55	0-588	12.615	-	-	-	-	-
(Intermediate Casing) 9-5/8" 36# J-55	0-1880	8.921	8.765	3520	2020	564	0.07731
(Production Casing) 5-1/2" 17# P-110	0-7623	4.892	4.767	10640	7480	546	0.02324
(Tubing) 2-3/8" 4.7# J-55	0-7502	1.995	1.901	7700	8100	72	0.00386

8. Procedure

1. HSM with all personnel on location. *use Class A cement for plugs*
2. MIRU WOU.
3. Pump 203 bbl FSW to fill wellbore.
4. ND WH. NU BOP stack. POOH with tubing. **Note: Visually inspect tubing and LD any bad or scaled off joints.**
5. TIH with 5-1/2" CIBP and 2-3/8" workstring and set @ 7483'.
 - PU and tag plug to verify plug set.
 - Conduct **positive pressure test** on CIBP to 1000 psi over wellbore pressure.
 - Bleed 5 1/2" casing pressure to gas buster tank to negative test CIBP.
6. MIRU Cement pumps and test per SOPs.
7. **Plug 1:** RIH with work-string till **7483'**. Mix and spot **72.71 sk Expanding Cement** plug **7483'-6848'**.
 - Spot while chasing cement slurry displace tubing with **26.29 bbl** gel water while POOH till **6848'**.
 - POOH till **6139'** spotting **16.49 bbl** gel water, displace gel water with **23.74 bbl** FW.
8. **Plug 2:** POOH till **6139'**. Mix and spot **11.45 sk Expanding Cement** plug **6139'-6039'**.
 - Spot while chasing cement slurry displace tubing with **23.32 bbl** gel water while POOH till **6039'**.
 - POOH till **5900'** spotting **3.23 bbl** gel water, displace gel water with **23.81 bbl** FW.
9. TOOH and SB 5900' of 2-3/8" tubing.
 - **Note: Well classification changes to Class A.**
10. ND BOP.
11. MIRU Wireline and PCE. Pressure test equipment per SOPs.
12. TIH with 5-1/2" jet cutter and cut 5-1/2" casing 20-40' above cement top.
 - **Note: TOC -5,940' based on CBL dated 27th April 2009.**

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13. RU pumps and circulate bottoms up on 5-1/2" x 9-5/8" annulus.
14. PU 5-1/2 casing spear and remove 5-1/2 casing slips.
15. NU 11" annular on 9-5/8" casing.
16. TOOH with all 5-1/2 casing keeping well bore full of fluid.
17. TIH with 2-3/8" work string to 5900'.
18. **Plug 3:** POOH till **5900'**. Mix and spot **36.63 sk Expanding Cement** plug from **5900'-5800'**.
 - **NOTE:** Calculated 0% excess.
 - Spot while chasing cement slurry displace tubing with **22.42 bbl** gel water while POOH till **5800'**.
 - POOH till **3726'** spotting **154.25 bbl** gel water, displace gel water with **14.41 bbl** FW.
19. **Plug 4:** POOH till **3726'**. Mix and spot **36.63 sk Expanding Cement** plug from **3726'-3626'**.
 - **NOTE:** Calculated 0% excess.
 - Spot while chasing cement slurry displace tubing with **14.01 bbl** gel water while POOH till **3626'**.
 - POOH till **2779'** spotting **63 bbl** gel water, displace gel water with **10.75 bbl** FW.
20. **Plug 5:** POOH till **2779'**. Mix and spot **36.63 sk Expanding Cement** plug from **2779'-2679'**.
 - **NOTE:** Calculated 0% excess.
 - Spot while chasing cement slurry displace tubing with **10.35 bbl** gel water while POOH till **2679'**.
 - POOH till **2327'** spotting **26.18 bbl** gel water, displace gel water with **9 bbl** FW.
21. **Plug 6:** POOH till **2327'**. Mix and spot **36.63 sk Expanding Cement** plug from **2327'-2227'**.
 - **NOTE:** Calculated 0% excess.
 - Spot while chasing cement slurry displace tubing with **8.6 bbl** gel water while POOH till **2227'**.
 - POOH till **1980'** spotting **18.37 bbl** gel water, displace gel water with **7.66 bbl** FW.
22. **Plug 7:** POOH till **1980'**. Mix and spot **76.15 sk Expanding Cement** plug from **1980'-1780'**.
 - **NOTE:** Calculated 0% excess.
 - Spot while chasing cement slurry displace tubing with **6.87 bbl** gel water while POOH till **1780'**.
 - **Wait for cement to set for 4 hrs and then tag.**
 - POOH till **688'** spotting **84.42 bbl** gel water, displace gel water with **2.66 bbl** FW.
23. **Plug 8:** POOH till **688'**. Mix and spot **76.15 sk Expanding Cement** plug from **688'-488'**.
 - Spot while chasing cement slurry displace tubing with **1.87 bbl** gel water while POOH till **488'**.
 - POOH till **100'** spotting **30 bbl** gel water, displace gel water with **0.39 bbl** FW.
24. **Plug 9:** POOH till **100'**. Mix and spot **38.08 sk Expanding Cement** plug from **100'-0'**.
 - Spot while chasing cement slurry till we receive cement returns to surface.
25. POOH with workstring.
26. ND BOPs. RDMO WOR.
27. Install P&A plate with marker vent with permit number attached.
28. Notify DEP and production once P&A is complete.

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WR-35

Date August 4, 2009
API # 47 - 049- 01993State of West Virginia
Division of Environmental Protection
Section of Oil and Gas
Well Operator's Report of Well WorkFarm Name: Rochester & Pittsburgh Coal Co. (Consol) Operator Well No.: Crim 2171 RevisedLOCATION: Elevation: 1,221' Quadrangle: Shinnston
District: Lincoln County: Marion
Latitude: 10460 feet South of 39 DEG. 30 MIN. 00 SEC.
Longitude: 2960 feet West of 80 DEG. 17 MIN. 30 SEC.Company: XTO Energy, Inc.
PO Box 1008
Jane Lew, WV 26378Agent: Gary Beall
Inspector: Tristan Jenkins
Permit Issued: October 29, 2008
Well Work Commenced: February 11, 2009
Well Work Completed: May 7, 2009
Verbal Plugging: _____
Permission granted on: _____
Rotary ☒ Cable _____
Total Depth (feet) 7,568'
Fresh Water Depths (ft) None
Salt Water Depths (ft) None
Is coal being mined in area (Y/N)? No
Coal Depths (ft) None

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
20"	76'	76'	
13 3/8"	592'	592'	435 sks
9 5/8"	1,880'	1,880'	460 sks
5 1/2"	7,568'	7,568'	234 sks
2 3/8"		7,502'	

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OPEN FLOW DATA

Producing Formation Marcellus Pay Zone 7,508'-7,544'
Depth (ft) _____
Gas: Initial Open Flow Show MCF/d Oil: Initial Open Flow N/A Bbl/d
Final Open Flow Show MCF/d Final Open Flow N/A Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock pressure _____ psig surface pressure after _____ Hours

Second Producing Formation _____ Pay Zone _____
Depth (ft) _____
Gas: Initial Open Flow _____ MCF/d Oil: Initial Open Flow _____ Bbl/d
Final Open Flow _____ MCF/d Final Open Flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock pressure _____ psig surface pressure after _____ 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 SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE

For: XTO Energy, Inc.By: Gary Beall Senior Production ForemanDate: 8-6-09

10/03/2025

Stage	Formation	Depth & No. of Shots	Treatment Detail
1	Marcellus	7,508' - 7,544' 84 Shots	Slickwater Frac; Breakdown 4,257 psi; Avg treating 5,424 psi @80 bpm; 171,218lbs 100 mesh sand; 175,280lbs 40/70 mesh sand; 8,786 bbls water; ISIP 4,212 psi

FORMATION	TOP	BOTTOM	REMARKS
Fill/Sand/Shale	0'	1760	
Little Lime	1760	1791	
Big Lime	1791	1884	
Big Injun	1884	1934	
Silt/Shale	1934	2082	
Weir Marker	2082	2084	
Silt/Shale	2084	2284	
Gantz	2284	2370	
50 FT	2370	2518	
30 FT	2518	2590	
Gordon	2590	2708	
Lower Gordon	2708	2792	
4TH	2792	2816	
Silt/Shale	2816	2866	
5TH	2866	2890	
Silt/Shale	2890	3178	
Speechley	3178	3260	
Silt/Shale	3260	3758	
Baltown	3758	3766	
Silt/Shale	3766	3850	
Lower Baltown	3850	3860	
Silt/Shale	3860	3930	
Bradford	3930	3966	
Silt/Shale	3966	4192	
Riley	4192	4210	
Silt/Shale	4210	4771	
Benson	4771	4880	
Silt/Shale	4880	7234	
Genesee Shale	7234	7290	
Tully Limestone	7290	7338	
Hamilton Shale	7338	7399	
Marcellus Shale	7399	7560	
Onondaga Limestone	7560	7568 TD	

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10/03/2025

WW-4A
Revised 6-07

1) Date: 9/17/25
2) Operator's Well Number
Crim 2171 Rev

3) API Well No.: 47 - 049 - 01993

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>Joseph B & Kimberly K Miller</u>	Name <u></u>
Address <u>PO Box 163</u>	Address <u></u>
<u>Four States, WV 26572</u>	
(b) Name <u>Thomas M Weaver</u>	(b) Coal Owner(s) with Declaration
Address <u>1390 River Road</u>	Name <u>See attached</u>
<u>Morgantown, WV 26501</u>	Address <u></u>
(c) Name <u></u>	Name <u></u>
Address <u></u>	Address <u></u>
6) Inspector <u>Robert Hitt</u>	(c) Coal Lessee with Declaration
Address <u>8934 Goodhope Pike</u>	Name <u></u>
<u>Lost Creek, WV 26385</u>	Address <u></u>
Telephone <u>(681) 344-4747</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 XTO Energy Inc.
By: Tim Sands
Its: Regulatory Coordinator
Address PO Box 1008
Jane Lew, WV 26378
Telephone 304-517-3546

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WV Department of
Environmental Protection

Subscribed and sworn before me this 17th day of September 2025
Kasey McLaughlin Notary Public

My Commission Expires Nov 22, 2027

Oil and Gas Privacy Notice

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

10/03/2025

Coal Owner or Lessee

Rochester & Pittsburgh Coal Company

c/o Consol Energy Inc.

1000 Consol Energy Drive, Suite 100

Canonsburg, PA 15317

Karen Ford

1420 Parkside Dr.

Fairmont, WV 26554

Cloud Factory LLC

PO Box 100

Princeton, WV 24740

Consolidated Coal Company

c/o Land Dept.

46226 National Road

St. Clairsville, OH 43950

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7019 1120 0002 1228 5476

7019 1120 0002 1228 5445

2019 1120 0002 1228 5483

2019 1120 0002 1228 5419

0645 8221 2000 1228 5490

8545 822T 2000 1228 5438

10/03/2025

SURFACE OWNER WAIVER

Operator's Well
Number

Crim 2171 Rev

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,

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

10/03/2025

WW-4B

API No. 47-049-01993

Farm Name Rochester & Pittsburgh

Well No. Crim 2171 Rev

**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.

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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 _____

10/03/2025

WW-9
(5/16)

API Number 47 - 049 . 01993
Operator's Well No. Crim 21714 Rev

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

Operator Name XTO Energy Inc OP Code 494487940

Watershed (HUC 10) Lower West Fork River (0502000206) Quadrangle Shinnston

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: Fluids from plugging operations will be put into tanks.

Will a synthetic liner be used in the pit? Yes ☐ No ☒ If so, what ml? NA

Proposed Disposal Method For Treated Pit Wastes:

- ☐ Land Application (if selected provide a completed form WW-9-GPP)
- ☒ Underground Injection (UIC Permit Number 3416729766, 3416729395, 3413324096, 3413320114, 4708510142)
- ☐ 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: NA

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. NA-Plugging

-If oil based, what type? Synthetic, petroleum, etc. NA

Additives to be used in drilling medium? NA

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. Any solid waste from plugging will be taken to landfill.

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

-Landfill or offsite name/permit number? Mud Masters LLC Ben's Run WVG612105 / Waste Mgmt. Meadowbrook Landfill - SWF 1032

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 Tim Sands

Company Official (Typed Name) Tim Sands

Company Official Title Regulatory Coordinator

Subscribed and sworn before me this 16 day of September, 2025

Laura J. Shaffer

Notary Public

My commission expires MARCH 6, 2027

Robert J. Hitt
9-16-25



10/03/2025

Proposed Revegetation Treatment: Acres Disturbed NA - Gravel Pad Prevegetation pH _____

Lime _____ Tons/acre or to correct to pH _____

Fertilizer type _____

Fertilizer amount _____ lbs/acre

Mulch _____ Tons/acre

Seed Mixtures**Temporary****Permanent**

Seed Type lbs/acre

Seed Type lbs/acre

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.

RECEIVED
Office of Oil and Gas

SEP 22 2025

Plan Approved by: _____

Comments: Gravel pad with other producing wells.WV Department of
Environmental ProtectionTitle: [Signature]Date: 9-16-25Field Reviewed? (X) Yes

() No

WW-7
8-30-06



West Virginia Department of Environmental Protection
Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 47-049-01993 WELL NO.: Crim 2171 Rev
FARM NAME: Rochester & Pittsburgh
RESPONSIBLE PARTY NAME: XTO Energy Inc.
COUNTY: Marion DISTRICT: Lincoln
QUADRANGLE: Shinnston
SURFACE OWNER: Joseph Miller et ux (Tax Parcel 11-57-15)
ROYALTY OWNER: Louis A. Ferrari
UTM GPS NORTHING: 4,369,352.634 M
UTM GPS EASTING: 560,050.181 M GPS ELEVATION: 372.042 M

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 _____

Mapping Grade GPS _____: Post Processed Differential _____

Real-Time Differential _____

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

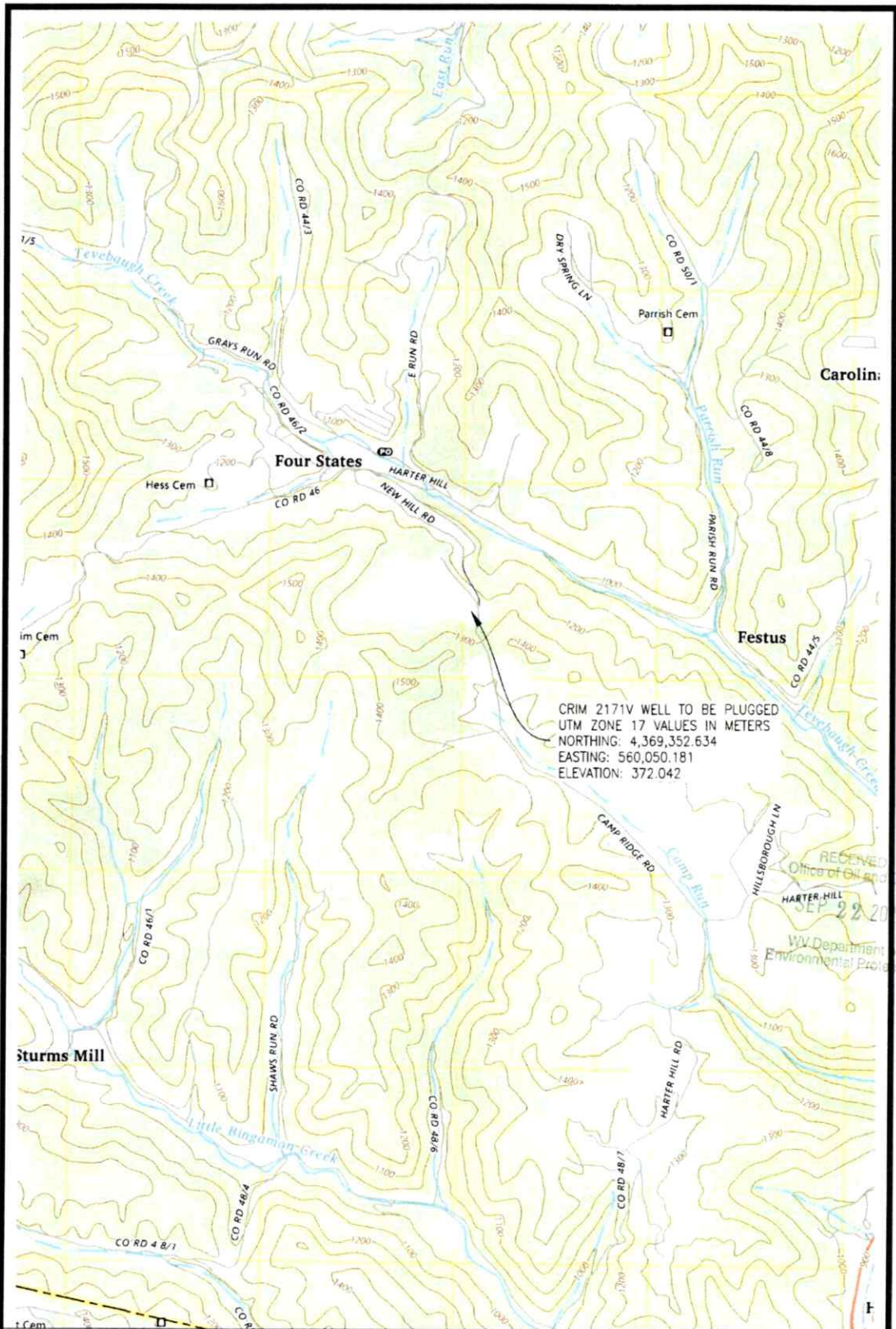
I the undersigned, hereby certify this data is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Office of Oil and Gas.

Tim Smith
Signature

Regulatory Coordinator
Title

9/15/2025
Date

10/03/2025



USGS MAP - SHINNSTON QUADRANGLE 2023 VERSION
CRIM 2171V (API 47-049-01993)
FOR: XTO ENERGY INC
NEW HILL ROAD, LINCOLN DISTRICT, MARION COUNTY WEST VIRGINIA

SCALE: 1" = 2000'
CONTOUR INTERVAL: 20'
SHEET NUMBER: 1 OF 1
DRAWN BY: JRV
DATE: 2/28/2025



JONES CONSULTANTS, LLC

SURVEYING • MAPPING • LAND • GAS WELL • PIPELINE
2402 PENNSYLVANIA 66 DELMONT, PA 15626
(724) 757 - 2417 www.jonesconsultant.com

10/03/2025

11/10/2016

PLUGGING PERMIT CHECKLIST

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

11/10/2016
11/10/2016
11/10/2016
11/10/2016

10/03/2025



XTO Energy, Inc.
PO Box 1008
Jane Lew, WV 26378

WVDEP
Office of Oil & Gas
601 57th Street, SE
Charleston, WV 25304-2345

Re: Application to Plug and Abandon
Crim 2171V REV
Lincoln District
Marion County, WV

To Whom It May Concern:

In accordance with Article 22-6-23 of the West Virginia State Code regarding oil and gas operations, please find the attached application for the plugging and abandonment of the subject well. Notices of our intention to plug this wellbore have been sent to the surface owner, coal owners with declarations recorded, and coal operators associated with this well. Copies of the certified mail receipts are attached for your records. If you have any questions or need additional information, please feel free to contact me.

Sincerely,

A handwritten signature in blue ink, appearing to be 'T. Sands'.

Tim Sands
Regulatory Coordinator
XTO Energy, Inc.
PO Box 1008
Jane Lew, WV 26378
tim.sands@exxonmobil.com
304-517-3546

RECEIVED
Office of Oil and Gas
SEP 22 2025
WV Department of
Environmental Protection

10/03/2025

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

plugging permit issued for 4704901993.

1 message

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

Fri, Oct 3, 2025 at 12:37 PM

To: "tim.sands@exxonmobil.com" <tim.sands@exxonmobil.com>, Jeff A Propst <jeff.a.propst@wv.gov>, Robert J Hitt <robert.j.hitt@wv.gov>, mtrach@wvassessor.com

To whom it may concern, a plugging permit has been issued for 4704901993.

--

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**4704901993.pdf**

2382K

10/03/2025