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west virginia department of environmental protection

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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)

Friday, June 6, 2025  
WELL WORK PLUGGING PERMIT  
Vertical Plugging

BOYD O & G, INC.  
812 QUARRIER ST. SUITE 500  
  
CHARLESTON, WV 25301

Re: Permit approval for PEPPER 3  
47-059-01734-00-00

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: PEPPER 3  
Farm Name: PEPPER, CURTIS G. ET UX  
U.S. WELL NUMBER: 47-059-01734-00-00  
Vertical Plugging  
Date Issued: 6/6/2025

## 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.

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### CONDITIONS

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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.

47-059-01734  
Boyd Oil and Gas

TD: 4186'  
Elevation: 1326'  
Salt Water: 1504'  
Coal: 130'  
Perfs: 4098'-3892' ✓  
3172'-3126' ✓

#### Casing Schedule

13 3/8"	151' CTS
9 5/8"	487' CTS
7"	2255' CTS
4 1/2"	4167' (Approx TOC at 2726')

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MAY 22 2025  
WV Department of  
Environmental Protection

- Class A or Class L cement will be used for all cement plugs
- Casing that is not cemented and unable to be pulled, will be perforated at all oil, gas, water, coal shows
- 6% gel spacers between all cement plugs

#### Procedure

- 1) Contact State Inspector Brian Warden 304-205-3229, 48 hours prior to commencing plugging ops.
- 2) MIRU. Check pressures. TD well.
- 3) RIH with tubing to 4182'. Pump 30 bbls of gel. Set at 306' cement plug from 4148' to 3842' (perforations). TOOH with 35 jnts. WOC. Tag TOC, top off with cement as needed.
- 4) TIH with tubing to 3222'. Pump 20 bbls of gel. Set 146' cement plug from 3222' to 3076' (perforations). TOOH with tubing. WOC. Tag TOC, top off with cement as needed.
- 5) Locate free-point of 4 1/2" casing. Cut/pull casing. Cover casing cut with 100' cement plug, 50' in and 50' out of casing cut.
- 6) TIH with tubing to 2305'. Pump 10 bbls of gel. Set 100' cement plug from 2305' to 2205' (7" casing seat). TOOH with 35 jnts. WOC. Tag TOC, top off with cement as needed. (Can combine plug with 4 1/2" casing cut plug if feasible).
- 7) TIH with tubing to 1554'. Pump 10 bbls of gel. Set 278' cement plug from 1554' to 1276' (elevation/salt water). TOOH with tubing to 537'. WOC. Tag TOC, top off with cement as needed.
- 8) Set 100' cement plug from 537' to 437' (9 5/8" casing seat). TOOH with tubing to 210'.
- 9) Circulate cement to surface (coal, 13 3/8" casing seat, surface plug). TOOH with tubing. Install monument, top of with cement.
- 10) Reclaim to WV DEP Specs.

State of West Virginia  
Department of Environmental Protection  
Office of Oil and Gas

Well Operator's Report of Well Work

Farm name: PEPPER, CURTIS G. ET UX Operator Well No.: PEPPER #3

LOCATION: Elevation: 1326 Quadrangle: MYRTLE

District: TUG RIVER County: MINGO  
Latitude: 7663 Feet South of 37 Deg. 52 Min. 30 Sec.  
Longitude 9587 Feet West of 2 Deg. 52 Min. 30 Sec.

Company: BOYD OIL & GAS

	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: <u>PO BOX 310</u>	<u>133/8</u>	<u>151</u>	<u>151</u>	<u>85</u>
<u>PINEVILLE, WV 24874</u>	<u>95/8</u>	<u>487</u>	<u>487</u>	<u>353</u>
Agent: <u>C.F. SHUFVEY</u>	<u>7</u>	<u>2255</u>	<u>2255</u>	<u>402</u>
Inspector: <u>EARL SCITES</u>	<u>4 1/2</u>	<u>4167</u>	<u>4167</u>	<u>153</u>
Date Permit Issued: <u>8/9/2005</u>				
Date Well Work Commenced: <u>10/3/2005</u>				
Date Well Work Completed: <u>10/28/2005</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary Cable Rig				
Total Depth (feet): <u>4186</u>				
Fresh Water Depth (ft.): <u>N/A</u>				
Salt Water Depth (ft.): <u>1504</u>				
Is coal being mined in area (N/Y)?				
Coal Depths (ft.): <u>130</u>				

OPEN FLOW DATA

Producing formation DEVONIAN SHALE Pay zone depth (ft) 3/26-4098

Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d

Final open flow 158 MCF/d Final open flow \_\_\_\_\_ Bbl/d

Time of open flow between initial and final tests 72 Hours

Static rock Pressure 350 psig (surface pressure) after 48 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 A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATION INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

Signed:

By: R. Thomas Harrison, Sec-Treas  
Date: 2/15/06



PEPPER #3  
47-059-01746

FORMATIONS	INTERVAL	SHOWS		PERFORATIONS
		GAS	WATER	
SAND AND SHALE	0-130			
COAL	130-133 ✓			
SAND AND SHALE	133-435			
COAL	435-441 ✓			
SAND	441-514			
SAND AND SHALE	514-1198			
SAND	1198-1260			
SAND AND SHALE	1260-1400			
SALT SAND	1400-1806			
SAND AND SHALE	1806-1918			
SALT SAND	1918-2050			
SAND AND SHALE	2050-2070			
MAXON	2070-2100			
LIME AND SHALE	2100-2200			
LITTLE LIME	2200-2240			
BIG LIME	2240-2340			
INJUN	2340-2400			
WEIR	2400-2503			
SQUAW	2503-2524			
SAND AND SHALE	2524-3034			
COFFEE SHALE	3034-3060			
BEREA	3060-3136			
BROWN SHALE	3136-3280			
WHITE SLATE	3280-3883			
BROWN SHALE	3883-4108			
WHITE SLATE	4108-4186			
NO SHOWS				
STIMULATION				
DEVONIAN SHALE N2 FRAC W/ 1.5 MMSCF				

1504  
DAMP HOLE

3126-3172 (6 HOLES)  
3892-4098 (40 HOLES)

47059017349

WW-4B  
Rev. 2/01

1) Date Apr 8, 2025  
2) Operator's  
Well No. Pepper #3  
3) API Well No. 47-059 - 01734

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 1326' Watershed Tom's Branch Laurel Fork Pigeon Ck  
District Tug River County Mingo Quadrangle Myrtle
- 6) Well Operator Boyd O & G, Inc. 7) Designated Agent R. Thomas Hansen  
Address 812 Quarrier St. Ste 500 Address 812 Quarrier St. Ste 500  
Charleston, WV 25301 Charleston, WV 25301
- 8) Oil and Gas Inspector to be notified 9) Plugging Contractor  
Name Brian Warden Name R J Well Service  
Address \_\_\_\_\_ Address PO Box 40  
Hueysville, KY 41640

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

See Following pages

*Kelvin DDP Hunt*

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Office of Oil and Gas  
MAY 22 2025  
WV Department of  
Environmental Protection

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

Work order approved by inspector

*[Signature]*

Date

5/27/25

06/06/2025



47059017349

WW-4A  
Revised 6-07

1) Date: 04/08/2025  
2) Operator's Well Number  
Pepper #3

3) API Well No.: 47 - 059 - 01734

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

**4) Surface Owner(s) to be served:**

(a) Name White Oak Realty  
Address 128 E. 2nd Ave.  
Williamson, WV 25661

(b) Name \_\_\_\_\_  
Address \_\_\_\_\_

(c) Name \_\_\_\_\_  
Address \_\_\_\_\_

**6) Inspector**

Address \_\_\_\_\_

Telephone \_\_\_\_\_

**5) (a) Coal Operator**

Name Southern WV Energy, LLC  
Address PO Box 76  
Naugatuck, WV 25685

**(b) Coal Owner(s) with Declaration**

Name White Oak Realty  
Address 128 E. 2nd Ave.  
Williamson, WV 25661

Name \_\_\_\_\_  
Address \_\_\_\_\_

**(c) Coal Lessee with Declaration**

Name Southern WV Energy, LLC  
Address PO Box 76  
Naugatuck, WV 25685

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MAY 22 2025

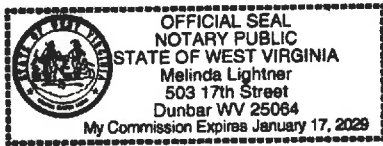
WV Department of  
Environmental Protection

**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 Boyd O & G, Inc.

By: R. Thomas Hansen

Its: Sec-Treas

Address 812 Quarrier St., STE 500

Charleston, WV 25301

Telephone 304-414-0080

Subscribed and sworn before me this 19th day of May, 2025  
Melinda Lightner Notary Public  
My Commission Expires 1-17-2029

**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).

06/06/2025

9589 0710 5270 2908 3351 82

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Extra Services & Fees (check box, add fee as appropriate)

<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00
<input type="checkbox"/> Return Receipt (electronic)	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00
<input type="checkbox"/> Adult Signature Required	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00

Postage \$1.01

Total Postage and Fees \$1.01

Sent To  
 SOUTHERN WV ENERGY, LLC  
 P.O. BOX 76  
 NAUGATUCK, WV 25685

PS Form 3800, January 2023 PSN 7530-02-000-9047 See Reverse for Instructions



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<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00
<input type="checkbox"/> Return Receipt (electronic)	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00
<input type="checkbox"/> Adult Signature Required	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00

Postage \$1.01

Total Postage and Fees \$1.01

Sent To  
 WHITE OAK REALTY  
 128 E. 2nd AVE.  
 WILLIAMSON, WV 25661

PS Form 3800, January 2023 PSN 7530-02-000-9047 See Reverse for Instructions



CHARLESTON  
 1002 LEE ST E  
 CHARLESTON, WV 25301-9998  
 (800) 275-8777

05/19/2025	(800) 275-8777	01:16 PM	
Product	Qty	Unit Price	Price
First-Class Mail® Letter	1		\$1.01

Williamson, WV 25661  
 Weight: 0 lb 1.30 oz  
 Estimated Delivery Date  
 Thu 05/22/2025  
 Certified Mail®  
 Tracking #: 9589 0710 5270 2908 3351 75 \$4.85  
 Return Receipt \$4.10  
 Tracking #: 9590 9402 9165 4225 2449 94  
 Total \$9.96

First-Class Mail® Letter 1 \$1.01  
 Naugatuck, WV 25685  
 Weight: 0 lb 1.10 oz  
 Estimated Delivery Date  
 Thu 05/22/2025  
 Certified Mail®  
 Tracking #: 9589 0710 5270 2908 3351 82 \$4.85  
 Return Receipt \$4.10  
 Tracking #: 9590 9402 9165 4225 2450 07  
 Total \$9.96

Grand Total: \$19.92  
 Credit Card Remit \$19.92  
 Card Name: VISA  
 Account #: XXXXXXXXXXXX2672  
 Approval #: 08723G  
 Transaction #: 023  
 AID: A0000000031010  
 AL: VISA CREDIT  
 PIN: Not Required  
 Chip  
 CHASE VISA

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 MAY 22 2025  
 WV Department of  
 Environmental Protection

06/06/2025



# SURFACE OWNER WAIVER

4705901734 P

Operator's Well  
Number

Pepper #3

## 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

RECEIVED  
Office of Oil and Gas

MAY 28 2025

WV Department of  
Environmental Protection

**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,

Christian Harris  
Signature

Date 5/23/25 Name  
By  
Its

White Oak Realty LLC  
Christian Harris  
Member  
Christian Harris  
Signature

Date 5/23/25  
Date 5/23/25

06/06/2025



4705901734P

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.

Promoting a healthy environment.

06/06/2025

4. On August 18, 2022, the Office of Oil and Gas provided public notice of acceptance of public comments on the variance consideration. During the 20-day public comment period, no comments were received.

### CONCLUSIONS OF LAW

Pursuant to Article 6 and Article 6A, Chapter 22 of the Code of West Virginia, the Office of Oil and Gas has jurisdiction over the subject matter, and the persons interested therein, and jurisdiction to promulgate the hereinafter prescribed Order.

Pursuant to Legislative Rule 35CSR4, Section 18 and Legislative Rule 35CSR8, Section 14, the Chief of the Office of Oil and Gas may grant a variance from any requirement of these rules.

### ORDER

It is ordered that the Class L cement product approved and monogrammed by API is approved for use in place of API Class A cement for well plugging subject to the provisions of Legislative Rule 35CSR4 and Legislative Rule 35CSR8.

Dated this, the 13th day of September, 2022.

IN THE NAME OF THE STATE OF WEST VIRGINIA

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



James Martin, Chief  
Office of Oil and Gas

WW-9  
(5/16)

API Number 47 - 059 - 1734  
Operator's Well No. PEPPER #3

4705901734

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

Operator Name Boyd O & G, Inc.

OP Code 494473018

Watershed (HUC 10) Toms Branch/Laurel Fk/Pigeon Ck, Tug 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: \_\_\_\_\_

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: \_\_\_\_\_

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. \_\_\_\_\_

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

Additives to be used in drilling medium? \_\_\_\_\_

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. \_\_\_\_\_

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

-Landfill or offsite name/permit number? \_\_\_\_\_

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 R Thomas Hansen

Company Official (Typed Name) R Thomas Hansen

Company Official Title Sec. Treas

Subscribed and sworn before me this 22 day of April, 2005

My commission expires June 20, 2029



06/06/2025

Proposed Revegetation Treatment: Acres Disturbed .5 Ac. Prevegetation pH to be determinedLime 1 Tons/acre or to correct to pH 6.5Fertilizer type 10-20-20 ☒Fertilizer amount 500 lbs/acreMulch Straw Tons/acreSeed MixturesTemporaryPermanent

Seed Type lbs/acre

Seed Type lbs/acre

Flatpea or perennial Pea 20/acTall Fescue 15/ac

## 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: [Signature]Comments: TO DEF STANDARDSRECEIVED  
Office of Oil and Gas

MAY 22 2025

WV Department of  
Environmental ProtectionTitle: [Signature]Date: 5 27 25

Field Reviewed?

☒ Yes☐ No

06/06/2025



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

Operator Name: GREY WOLF ENERGY  
Watershed (HUC 10): TOM'S BRANCH LAUREL Fork of Pigeon Cr. Quad: Myrtle  
Farm Name: William PEPPER

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

No Pit

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

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

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Environmental Protection

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

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

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

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.

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

Signature: R. J. Davis

Date: 4/22/2025

06/06/2025



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

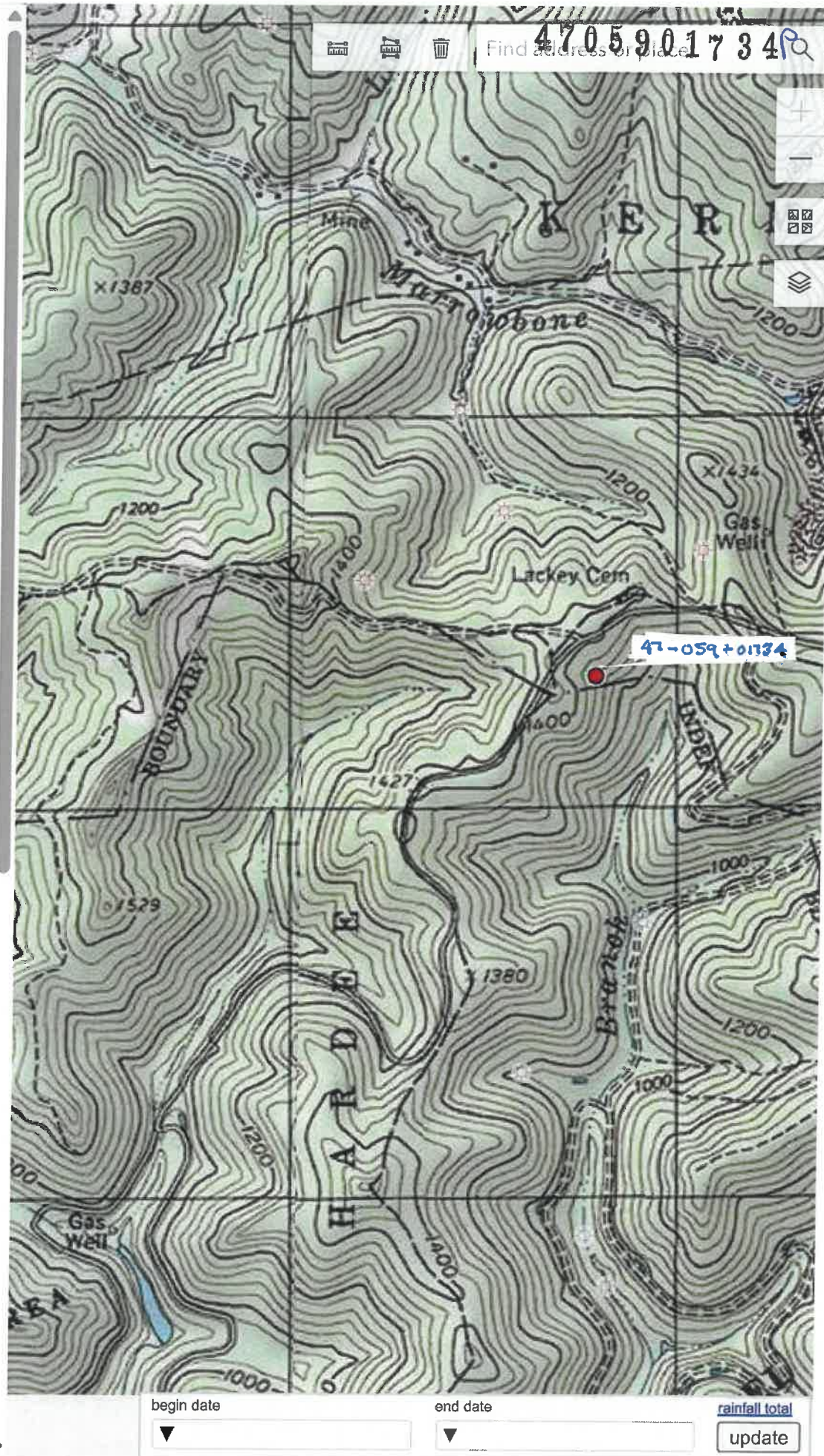
-  Active Well
-  Permit Issued
-  Permit Application
-  Plugged

**Wells, Active Status Only****WellUse**

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

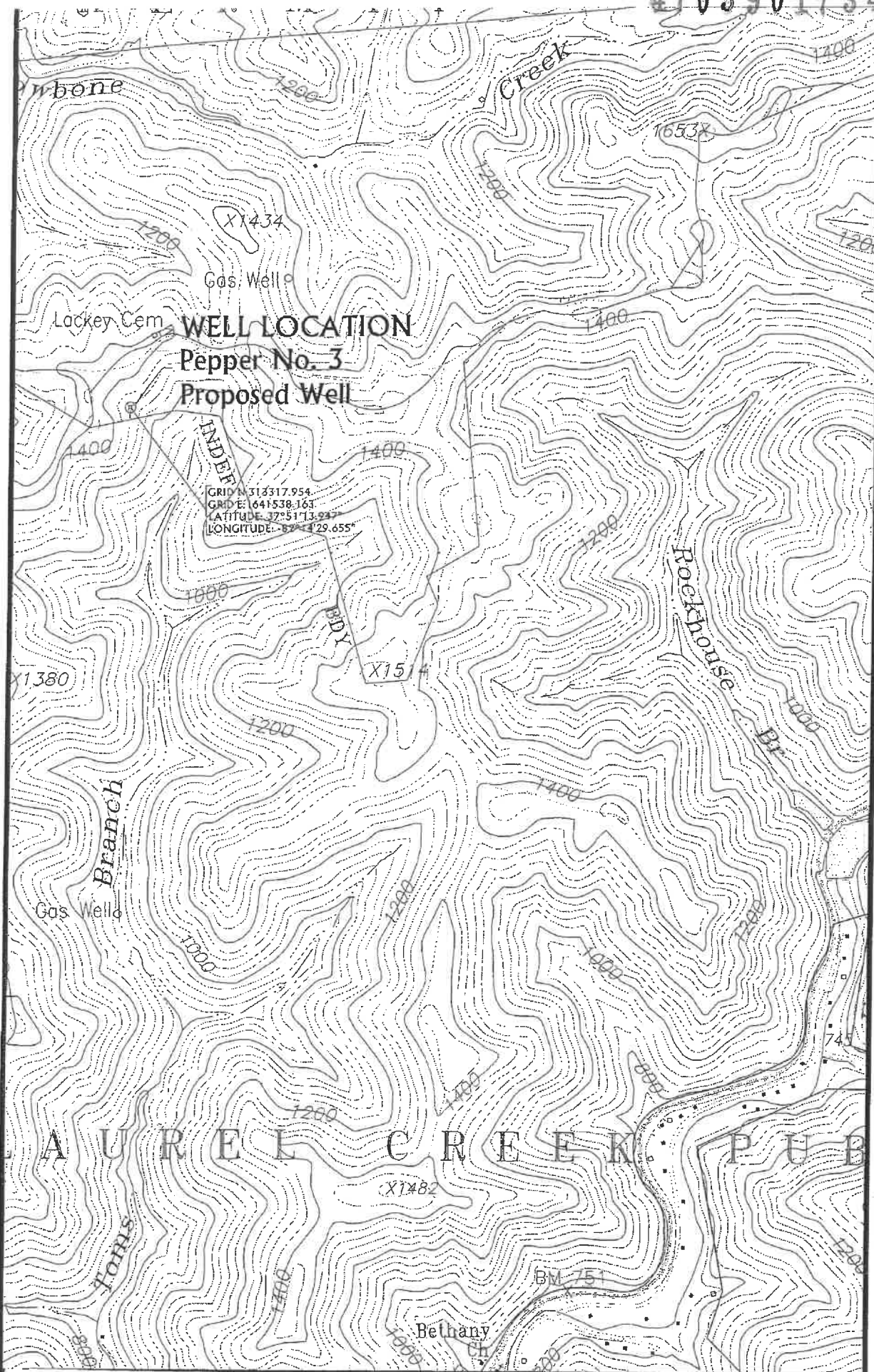
**Wells, Other than Active Status****WellUse**

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





4705901734



BOYD OIL & GAS  
PO BOX 318 PINEVILLE WV 24874

GENERAL LOCATION MAP  
MYRTLE QUADRANGLE  
SCALE 1" = 1000' FEET  
5 July 2005

Prepared By:  
Tug Valley Surveying, Inc.  
P.O. BOX 862  
Williamson, W. V. 25661



06/06/2025

WW-7  
8-30-06

4705901734P



West Virginia Department of Environmental Protection  
Office of Oil and Gas

**WELL LOCATION FORM: GPS**

API: 047-059-01734 WELL NO.: 3

FARM NAME: William Pepper

RESPONSIBLE PARTY NAME: Boyd O & G, Inc.

COUNTY: Mingo DISTRICT: Tug River

QUADRANGLE: Myrtle

SURFACE OWNER: White Oak Realty

ROYALTY OWNER: White Oak Realty

UTM GPS NORTHING: 4190332.2

UTM GPS EASTING: 390784.2 GPS ELEVATION: 1326'

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 \_\_\_\_: 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.

R. Thomas Hansen  
Signature

Sec - Treas  
Title

5/27/2025  
Date

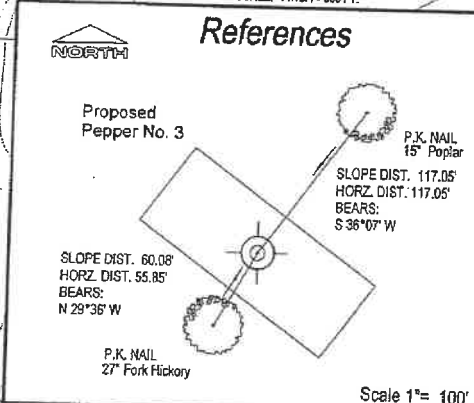
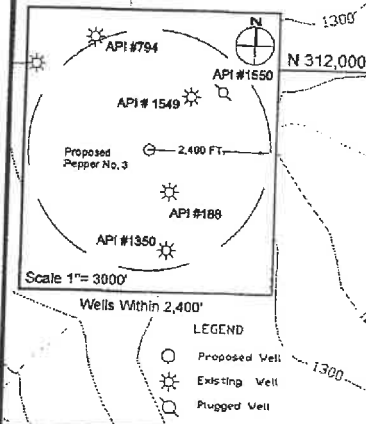
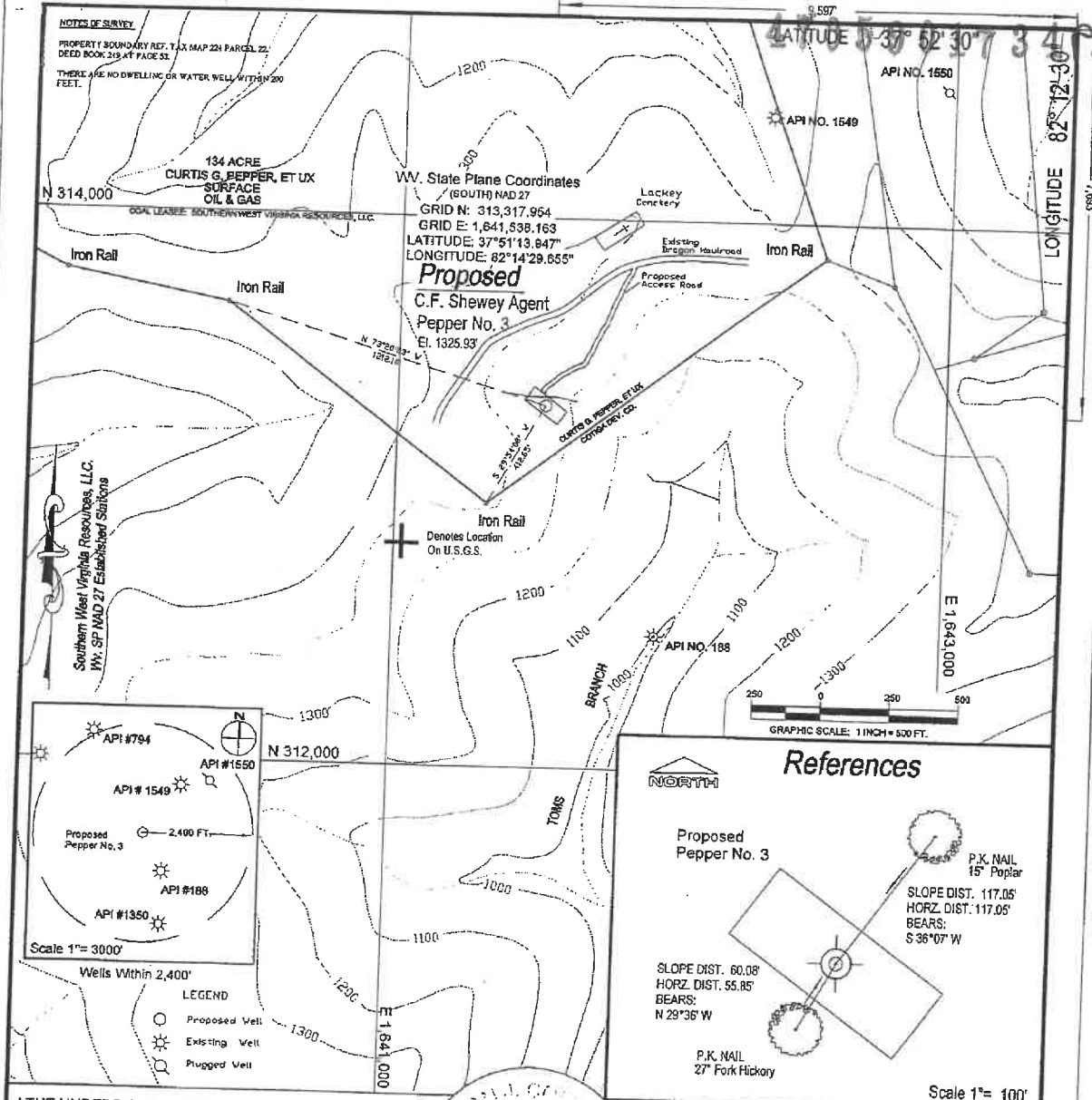
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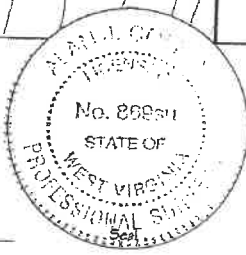
## NOTES OF SURVEY

PROPERTY BOUNDARY REF. T.A. MAP 221 PARCEL 22;  
DEED BOOK 219 AT PAGE 52.  
THERE ARE NO DWELLING OR WATER WELLS WITHIN 200  
FEET.



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 DIVISION OF ENVIRONMENTAL PROTECTION.

*Alan J. Coffey*  
Alan J. Coffey, PLS No. 869su



(+) DENOTES LOCATION OF WELL ON U.S.G.S.  
TOPOGRAPHIC MAP

DATE 5 July, 20 05

OPERATORS WELL NO. PEPPER NO. 3

API  
WELL  
NO. 47 - 059 - 01734  
STATE COUNTY PERMIT

MINIMUM DEGREE  
OF ACCURACY 1: 5,000  
PROVEN SOURCE N.G.V.D.  
OF ELEVATION: BENCHMARK X-150

FILE NO. \_\_\_\_\_  
SCALE 1" = 500 FEET

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



WELL  
TYPE: OIL    GAS X LIQUID  
INJECTION    WASTE  
DISPOSAL    If  
"Gas" Production X Storage    Deep    Shallow X  
LOCATION:  
Elevation 1326' Watershed TOMS BRANCH OF LAUREL FORK OF PIGEON CREEK  
District TUG RIVER County MINGO Quadrangle MYRTLE 7.5'  
SURFACE OWNER CURTIS G. PEPPER, ET UX ACREAGE ±134  
ROYALTY OWNER CURTIS G. PEPPER, ET UX LEASE ACREAGE ±134  
PROPOSED WORK:  
DRILL X CONVERT    DRILL DEEPER    REDRILL    FRACTURE OR STIMULATE    LEASE NO.     
PLUG OFF OLD FORMATION    PERFORATE NEW    PLUG AND ABANDON    CLEAN OUT AND REPLUG     
OTHER PHYSICAL CHANGE IN WELL (SPECIFY)    TARGET FORMATION DEVONIAN SHALE  
ESTIMATED DEPTH ±4,200'

WELL OPERATOR C.F. SHEWEY AGENTS  
ADDRESS: P.O. BOX 108, KERMIT, WV 25674  
PRINCEVILLE, WV 24874

DESIGNATED AGENT C.F. SHEWEY  
ADDRESS P.O. BOX 108 KERMIT, WV. 25674

06/06/2025