



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, November 10, 2025
WELL WORK PLUGGING PERMIT
Vertical Plugging

BUCHER EXPLORATION L.L.C.
208 LADY SLIPPER DRIVE

BUCKHANNON, WV 262010000

Re: Permit approval for 3
47-101-00079-00-00

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
Acting Chief

Operator's Well Number: 3
Farm Name: PARDEE & CURTAIN
U.S. WELL NUMBER: 47-101-00079-00-00
Vertical Plugging
Date Issued: 11/10/2025

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.

4710100079 P

WW-4B
Rev. 2/01

1) Date September 25, 2025
2) Operator's
Well No. Pardee & Curtin Lumber Co #3
3) API Well No. 47-101-00079

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 or Underground storage) Deep / Shallow X

5) Location: Elevation 2129' Watershed Hodam Creek
District Hacker Valley County Webster Quadrangle Diana

6) Well Operator Bucher Exploration LLC 7) Designated Agent Dean H. Bucher
Address 208 Lady Slipper Dr. Address 208 Lady Slipper Dr.
Buckhannon, WV 26201 Buckhannon, WV 26201

8) Oil and Gas Inspector to be notified 9) Plugging Contractor
Name Jeremy James Name N/A
Address P.O. Box 36 Address
Clendenin, WV 25045 304-951-2596

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

Drill out frac plug @1820'

Set cement plug 3960' to TD(4212') 100' above top perf, Benson

6% Gel between plugs

Set cement plug 1540' to 1790' 100' above Big Lime perf's

Free point and recover 4 1/2" casing TOC ≈ 1625'

Set 100' cement plug across casing cut Set cement plug 1050-850' (8 3/8" shot cut)

Set 100' cement plug to surface

Tag plug's as necessary, Set monument with API number

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

Work order approved by inspector

Date 10-7-25

11/14/2025

10
REV 9-71



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division
WELL RECORD

Quadrangle Diana 7 1/2
Permit No. 47-101-0079

S. W. Jack Drilling
Rig #22
Rotary X Oil
Cable Gas X
Recycling Comb
Water Flood Storage
Disposal (Kind)

Company Merrill Natural Resources, Inc.
Address P.O. Box 3246, Richmond, Va 23235
Farm Pardee & Curtin Acres 38.923
Location (waters) Hodam Creek
Well No. 1 Elev 2129'
District Hacker Valley County Webster
The surface of tract is owned in fee by Taylor E. Hines
Address
Mineral rights are owned by
Address
Drilling Commenced 3-11-82
Drilling Completed 3-17-82
Initial open flow 7 M cu. ft. bbls.
Final production 227 M cu. ft. per day bbls.
Well open hrs. before test 925# RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu ft (Sks)
Size			
20.16			
Cond			
20.16 11 3/4	1 Joint	1 Joint	28 Sks. (3-11-82)
9 5/8			
8 5/8	1001.55	1001.55	200 Sks. (3-14-82)
7			
5 1/2			
4 1/2		4189'	495 Sks. (3-17-82)
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Benson - Water Frac w/Nitrogen Flush - 30,000# 80/100, 30,000# 20/40 in 438 Bbls.
Water, 500 Gal. 15% HCl.; BD 1900#, ATP 1327 psi, ISI 130#, AIR 26 BPM.
125 Macf Nitrogen

Coal was encountered at 936 - 939' Feet Inches
Fresh water 295' Feet Salt Water Feet
Producing Sand Benson Depth 4066 - 4074' - 17 Holes

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks
Formation Depths Taken From Driller's Log Book -						
Sand			0	15		
Sand and Shale			15	45		
Sand			45	135		
Sand and Shale			135	155		
Sand			155	180		
Sand and Shale			180	195		
Sand			195			
Formation Depths Taken From Gamma Ray Log - 2140'						
Sand				232		
Shale			232	366		
Sand			366	392		
Sand and Shale			392	800		
Sand			800	866		
Sand and Shale			866	936		
Coal			936	939		
Sand and Shale			939	1545		
Blue Monday			1545	1571		
Shale			1571	1581		

APR 25 1983

* Indicates Electric Log tops in the remarks section.

(over)

DUED - 2140' from 1.1 cm

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APPENDANCE
HAS COAL
930 - 934' gnm

4066 - 4074'

4710100079P

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas in Water	Remarks
Big Lime			1581	-		TOC \approx 1625 ^{gwt}
Big Injun			-	1825		
Sand and Shale			1825	1993		Gas Chk. @ 1833' - 11 M
Gordon			1993	2147		
Shale			2147	2150		
Fourth Sand			2150	2225		
Shale			2225	2256		
Fifth Sand			2256	2358		
Silt and Shale			2358	2394		
Bayard			2394	2470		
Shale			2470	2478		Gas Chk. @ 2513' - 7 M
Elizabeth			2478	2557		
Silt and Shale			2557	2924		
Shale			2924	2945		
Silt and Shale			2945	3867		
Shale			3867	3894		3960'
Silt and Shale			3894	4040		Gas Chk. @ 3968' - 9 M
Siltstone			4040	4058		
Shale			4058	4061		Gas Chk. @ 4062' - 5 M
Benson			4061	4082		Gas Chk. @ 4093' - 8 M
Silt and Shale			4082	-		Gas Chk. @ TD - 7 M
TOTAL DEPTH			-	(4212)		

Well Logged By Schlumberger

Initial Open Flow - 7 Mcf

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WV Department of
Environmental ProtectionDate April 12 1983APPROVED Merrill Natural Resources, Inc. Owner

11/14/2025

[illegible]

**WV Department of
Environmental Protection**

11/14/2025



Select County: (101) Webster **Select datatypes:** ☐ (Check All)

Enter Permit #: 00079

<input checked="" type="checkbox"/> Location	<input checked="" type="checkbox"/> Production	<input checked="" type="checkbox"/> Plugging
<input checked="" type="checkbox"/> Owner/Completion	<input checked="" type="checkbox"/> Stratigraphy	<input checked="" type="checkbox"/> Sample
<input checked="" type="checkbox"/> Pay/Show/Water	<input checked="" type="checkbox"/> Leas	<input checked="" type="checkbox"/> Btm Hole Loc

[Table Descriptions](#)
[County Code Translations](#)
[Permit-Numbering Series](#)
[Usage Notes](#)
[Contact Information](#)
[Disclaimer](#)
[WYGES Main](#)
["Pipeline-Plus" New](#)

471010007

WV Geological & Economic Survey

Well: County = 101 Permit = 00079 [Link to all digital records for well](#)

Report Time: Thursday, November 06, 2025 6:30:10 PM

Location Information: [View Map](#)

API	COUNTY	PERMIT	TAX_DISTRICT	QUAD_75	QUAD_15	LAT_DD	LON_DD	UTME	UTMN
4710100079	Webster	79	Hacker Valley	Diana	Hacker Valley	38.607956	-80.385298	553521	4273451.8

There is no Bottom Hole Location data for this well

Owner Information:

API	CMP_DT	SUFFIX	STATUS	SURFACE_OWNER	WELL_NUM	CO_NUM	LEASE	LEASE_NUM	MINERAL_OWN	OPERATOR_AT_COMPLETION	PROP_VD	PROP_TRGT_FM	TFM_EST_PR
4710100079	3/17/1982	Original Loc	Completed	Taylor E Hines 3						Merrill Natural Resources, Inc.			

Completion Information

API	CMP_DT	SPUD_DT	ELEV DATUM	FIELD	DEEPEST_FM	DEEPEST_FMT	INITIAL_CLASS	FINAL_CLASS	TYPE RIG	CMP_MTHD	TVD	TMD	NEW_FTG	KOD	G_BEF	G_AFT
4710100079	3/17/1982	3/11/1982	2129 Ground Level	Unnamed	Benson	Benson	Outpost (Extension) Test	Outpost (Extension) Well	Gas Rotary	Fractured	4212		4212		7	227

Pay/Show/Water Information:

API	CMP_DT	ACTIVITY	PRODUCT	SECTION	DEPTH_TOP	FM_TOP	DEPTH_BOT	FM_BOT	G_BE	G_AFT	O_BE	O_AFT	WATER_QNTY
4710100079	3/17/1982	Pav	Gas	Vertical	4066	Benson	4074	Benson	7	227			

Production Gas Information: (Volumes in Mcf)

[illegible]

Production Oil Information: (Volumes in Bbl) ** some operators may have reported NGL under Oil

[illegible]

Production NGL Information: (Volumes in Bbl) ** some operators may have reported NGL under Oil

[illegible]

Production Water Information: (Volumes in Gallons)

[illegible]

Stratigraphy Information:

API	SURF	FM	FM QUALITY	DEPTH TOP	DEPTH QUALITY	THICKNESS	THICKNESS QUALITY	ELEV	DATUM
4710100079	Original Log	unidentified coal	Well Record	836	Reasonable	3	Reasonable	2148	Kelly Bunking
4710100079	Original Log	Blue Monday	Well Record	1545	Reasonable	26	Reasonable	2148	Kelly Bunking
4710100079	Original Log	Greenbrier Group	Well Record	1561	Reasonable	244	Reasonable	2148	Kelly Bunking
4710100079	Original Log	Gordon	Well Record	1583	Reasonable	154	Reasonable	2148	Kelly Bunking
4710100079	Original Log	Fourth	Well Record	2150	Reasonable	76	Reasonable	2148	Kelly Bunking
4710100079	Original Log	Fifth	Well Record	2235	Reasonable	102	Reasonable	2148	Kelly Bunking
4710100079	Original Log	Sixth	Well Record	2384	Reasonable	78	Reasonable	2148	Kelly Bunking
4710100079	Original Log	Elizabeth	Well Record	3478	Reasonable	78	Reasonable	2148	Kelly Bunking
4710100079	Original Log	Samson	Well Record	4051	Reasonable	21	Reasonable	2148	Kelly Bunking

4710100079

Wireline (E-Log) Information:

- * There is no Scanned/Raster Log data for this well
- * There is no Digitized/LAS Log data for this well
- * There is no Scanned or Digital Logs available for download

There is no Plugging data for this well

There is no Sample data for this well

4710100079P

WW-4A
Revised 6-07

1) Date: September 25, 2025

2) Operator's Well Number

Pardee & Curtin Lumber Co. #3

3) API Well No.: 47 -

101

00079

**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 Vernon & Clara Hines

Address 711 Walnut Ave.

Fairmont, WV 26554

(b) Name _____

Address _____

(c) Name _____

Address _____

6) Inspector

Address Jeremy James

P.O. Box 36

Clendenin, WV 25045

Telephone 304-951-2596

5) (a) Coal Operator

Name N/A

Address _____

(b) Coal Owner(s) with Declaration

Name N/A

Address _____

Name _____

Address _____

(c) Coal Lessee with Declaration

Name N/A

Address _____

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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 Bucher Exploration LLC

By: [Signature]

Its: Member/Manager

Address 208 Lady Slipper Dr

Buckhannon, WV 26201

Telephone 1-304-439-1956

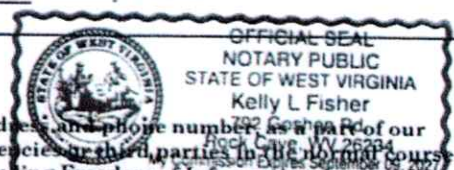
Subscribed and sworn before me this 25TH day of September, 2025

[Signature]
Notary Public

My Commission Expires September 7, 2027

Oil and Gas Privacy Notice

The Office of Oil and Gas processes your personal information, such as name, address, and phone number, for 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.



11/14/2025

4710100079P

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Fairmont, WV 26404

Certified Mail Fee \$5.00

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<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00
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<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 \$1.00

Total Postage and Fees \$6.00

Sent To: **VERNON & CLARE HINES**
 Street and Apt. No., or PO Box No. **211 Walnut Ave**
 City, State, ZIP+4® **Fairmont WV 26404**

PS Form 3800, January 2023

E OWNER WAIVEROperator's Well
Jumber

Pardee & Curtin Lumer Co. #3

E OWNERS NAMED ON PAGE WW4-A

plying for a permit from the State to plug and abandon a well. se persons, then these materials were served on you because e land or because you actually occupy the surface tract. In ually receive these materials.) See Chapter 22 of the West hs. If you do not own any interest in the surface tract, please if you know who it is. Also, please notify the well operator

Chief, Office of Oil and Gas
 Department of Environmental Protection
 601 57th St. SE
 Charleston, WV 25304
 (304) 926-0450

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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

11/14/2025

4710100079P

API No. 47-101-00079
 Farm Name _____
 Well No. Pardee & Curtin Lumer Co. #3

9589 0710 5270 2928 5072 24

U.S. Postal Service™
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For delivery information, visit our website at www.usps.com.

Hurricane, WV 25526

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 Extra Services & Fees (check box, add fee as applicable):
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☐ Return Receipt (electronic) \$0.00
☐ Certified Mail Restricted Delivery \$0.00
☐ Adult Signature Required \$0.00
☐ Adult Signature Restricted Delivery \$0.00

Postage \$1.07
 Total Postage and Fees \$6.37

To: Pardee Minerals LLC
3524 TAYLOR VALLEY RD ST B
HURRICANE, WV 25526

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

Postmark Date: 09/25/2025

S TO COAL OPERATORS ORS AND LESSEE

de of WW-4 (B) is about to abandon the well described in the
 plugging and abandoning said well on the date the inspector
 days after the day on which this notice and application so
 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 _____

11/14/2025

WW-9
(5/16)

4710100079P

API Number 47 - 101 - 00079
Operator's Well No. Pardee Minerals #3

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

Operator Name Bucher Exploration LLC OP Code 90073

Watershed (HUC 10) Hodam Creek Quadrangle Diana

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) ANY WELLFLEWANT MUST BE CONTAINED IN TANKS BEFORE DISPOSING OFFSITE. JWM
- _____ 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. _____ RECEIVED
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-If oil based, what type? Synthetic, petroleum, etc. _____

Additives to be used in drilling medium? _____ OCT 07 2025

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. _____ WV Department of
Environmental Protection

-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 Dean H. Bucher

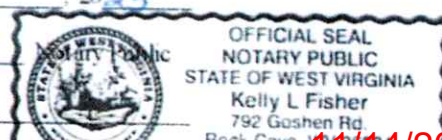
Company Official (Typed Name) Dean H. Bucher

Company Official Title Member/Manager

Subscribed and sworn before me this 25th day of September

Kelly L Fisher

My commission expires September 9, 2025



4710100079P

47-101-20079

Operator's Well No.

#3

Proposed Revegetation Treatment: Acres Disturbed 1 Prevegetation pH 6.5Lime 2 Tons/acre or to correct to pH 6.5Fertilizer type 10-20-20Fertilizer amount 500 lbs/acreMulch Hay Tons/acreSeed MixturesTemporaryPermanent

Seed Type lbs/acre

Seed Type lbs/acre

FescueFescueContractor's MixContractor's Mix

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 pit and dimensions (L, W), and area in acres, of the land application area.

OCT 07 2025

Photocopied section of involved 7.5' topographic sheet

WV Department of
Environmental ProtectionPlan Approved by: 

Comments:

Title: Inspector 006Date: 10-7-25

Field Reviewed?

☒ Yes☐ No

11/14/2025

4710100079 P

WW-9- GPP
Rev. 5/16

Page 1 of 2
API Number 47 - 101 - 00079
Operator's Well No. #3

47-101-00079

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

Operator Name: Bucher Exploration LLCWatershed (HUC 10): Hodam CreekQuad: DianaFarm Name: Pardee + Curtin Lumber Co.

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

N/A

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

N/A

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

Hodam Creek

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

N/A

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

11/14/2025

4710100079P

WW-9- GPP
Rev 5/16

Page 2 of 2
API Number 47 - 101 - 00079
Operator's Well No #3

N/A

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

No materials will be used

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

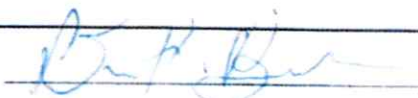
N/A

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OCT 07 2025
WV Department of
Environmental Protection

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

N/A

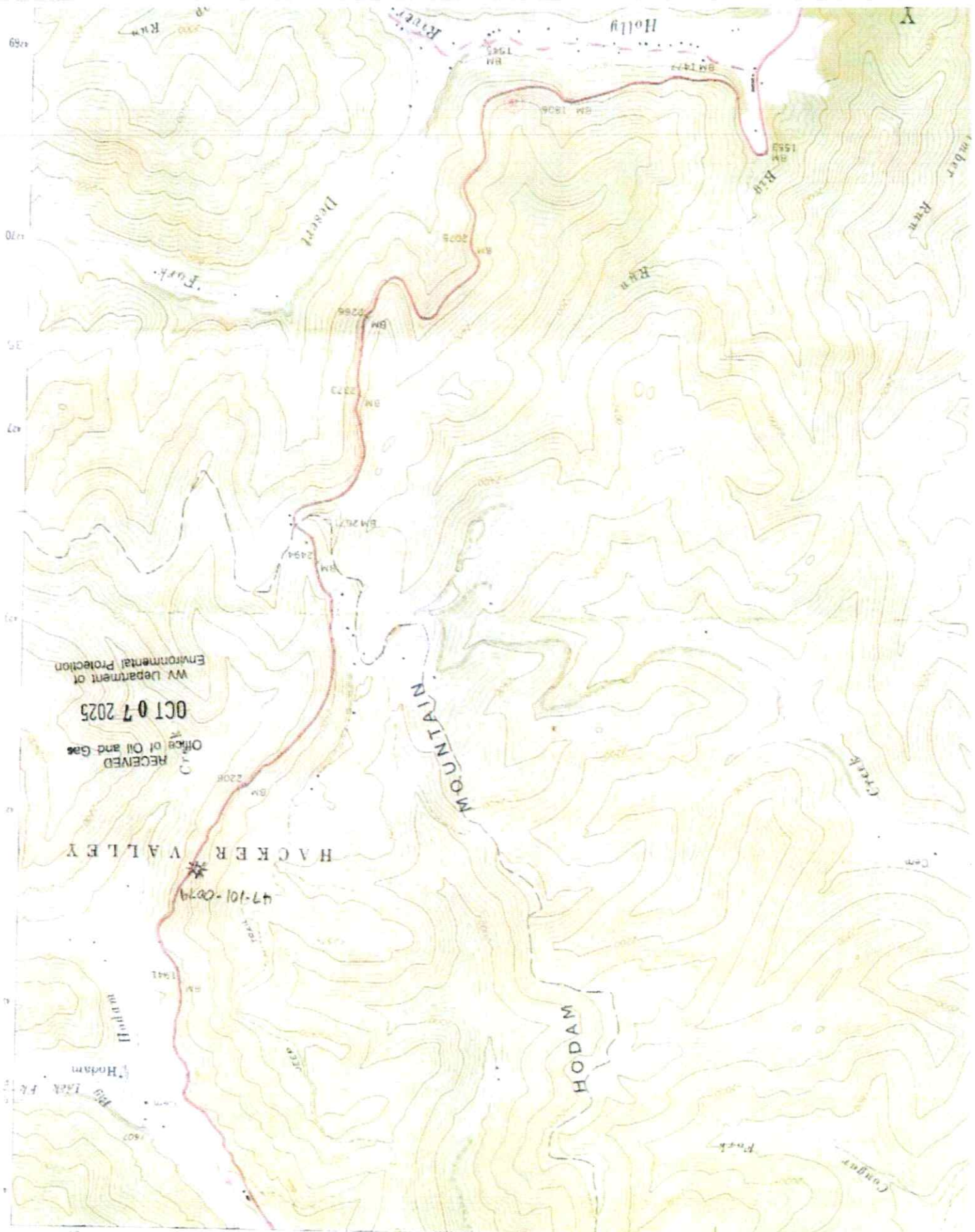
Signature



Date:

9/25/25

11/14/2025



4710100079P

11/14/2025

471010079

WW-7
8-30-06



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

API: 47-101-00079 WELL NO.: #3

FARM NAME: Pardee & Curtin Lumber Co.

RESPONSIBLE PARTY NAME: Dean H. Bucher

COUNTY: Webster DISTRICT: Hacker Valley RECEIVED
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QUADRANGLE: Diana OCT 07 2025

SURFACE OWNER: Vernon & Clara Hines WV Department of
Environmental Protection

ROYALTY OWNER: Pardee + Curtin Lumber Co.

UTM GPS NORTHING: 4273451.6

UTM GPS EASTING: 553521.0 GPS ELEVATION: 2129'

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.

Dean H. Bucher
Signature

Member/Manager
Title

9/25/25
Date

11/14/2025



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

plugging permit issued 4710100079

1 message

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

Mon, Nov 10, 2025 at 1:14 PM

To: Jeffrey W McLaughlin <jeffrey.w.mclaughlin@wv.gov>, Jeremy E James <jeremy.e.james@wv.gov>, hosaflookl@yahoo.com, mcochran@wvassessor.com

To whom it may concern, a plugging permit has been issued for 4710100079.

--

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

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11/14/2025