



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

Wednesday, May 27, 2026
WELL WORK PLUGGING PERMIT
Vertical Plugging

PILLAR ENERGY, LLC
1244 MARTINS BRANCH RD

CHARLESTON, WV 25312

Re: Permit approval for 3
47-039-01608-00-00

This well work permit is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to any additional specific conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas Inspector.

Upon completion of the plugging well work, the above named operator will reclaim the site according to the provisions of WV Code 22-6-30. Please be advised that form WR-38, Affidavit of Plugging and Filling Well, is to be submitted to this office within 90 days of completion of permitted well work, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

Per 35 CSR 4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced. If there are any questions, please feel free to contact me at (304) 926- 0450.

H. Jason Harmon
Chief

Operator's Well Number: 3
Farm Name: BROWN & COURTNEY
U.S. WELL NUMBER: 47-039-01608-00-00
Vertical Plugging
Date Issued: 5/27/2026

PERMIT CONDITIONS

West Virginia Code § 22-6-11 allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

CONDITIONS

1. 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.

1) Date March 18, 2026
2) Operator's
Well No. COURTLAND #3
3) API Well No. 47-039 - 01608

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 ___

5) Location: Elevation 795 Watershed Lower Kanawha
District Washington County Kanawha Quadrangle Charleston West

6) Well Operator Pillar Energy LLC 7) Designated Agent Jeff Isner
Address 1244 Martins Branch Rd Address 1244 Martins Branch Rd
Charleston, WV 25312 Charleston, WV 25312

8) Oil and Gas Inspector to be notified Name Terry Urban 9) Plugging Contractor
Address 601 57th St, SE Name TBD
Charleston, WV 25304 Address _____

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

See attached procedure

4/13/26

SEE Prog Page

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

Work order approved by inspector  Date 4-13-26

05/29/2026

4703901608P



4/13/26

WELLBORE SCHEMATIC

Well Information:

Well Name:	Courtland #3	Company / Partnership:	Pillar Energy LLC
County / State:	Kanawha/WV	API Number:	47-039-01608
District / Township:	Washington	AFE Number:	
Target:	Big Injun	Cost Center:	
Lat:	38.254762	Pool Code	
Long:	-81.717939	DTD / LTD:	1609

Surveys	Hole Size	Formations	Depths (KB)	SPUD DATE: 4/30/1953	TD DATE: 7/25/1984	Casings	Cement
				Elevation: 795'			
		Coal @ 32-35'				10" @ 24'	Cemented to surface
		Fresh Water Show @ 220'				8-1/4" @ 269' GL, cemented w/ 80 sks	
		Salt Water Show @ 1100'				6-5/8" @ 1356' GL, cemented w/ 80 sks	
						4-1/2" @ 1585' GL, cemented w/ 110 sks	
					TD @ 1609'		

Completion Information		Target:	Big Injun	Completion Date:	8/1/1984
Top Perforation (ft):	1,535	Frac Type/Fluid:	Nitrogen Foam	Breakdown:	psi
Bottom Perforation (ft):	1,574	Foam Quality:		Pre-ISIP:	psi
No. of Shots:	20	BD Acid Volume:	500 gal.	MTP:	psi
Charge (gram):		Treatment Volume:	6,258 gal.	ATP:	psi
Perf Diameter:		Sand mesh size	20/50 mesh	ISIP:	psi
Penetration:		Sand Volume	300 sacks	5-min SIP	psi
Phasing:		Ave. Treatment Rate:	bpm	10-min SIP	psi

Remarks:

05/29/2026

Courtland 3
 API# 47-039-01608
 Elevation: 795' GL
 Latitude/Longitude: 38.2547620, -81.717939

Courtland 3 Well Data (Originally drilled June 1953, then later redrilled and ran 4-1/2" csg in July 1984)

Casing: 10" Conductor Csg @ 24' GL. Cement to surface.
 8-1/4" Surface Csg @ 269' GL. Cemented w/ 80 sks
 6-5/8" Intermediate Csg @ 1356' GL. Cemented w/ 80 sks
 4-1/2" Production Csg @ 1585' GL. Cemented w/ 110 sks
 TD: 1609'
 Perforations: 1535-40' (6 sh), 1545-50' (6 sh), 1564-68' (5 sh), 1572-74' (3 sh)
 Coal: 32-35'
 Fresh Water Shows: 220'
 Salt Water Shows: 1100'
 Gas/Oil Shows: None Reported

4/13/26

Courtland 3 Procedure:

1. Notify State Inspector, Terry Urban – (304)-549-5915 - Terry.W.Urban@wv.gov 24 hours prior to commencing operations.
2. Prep location.
3. MIRU service rig, steel pits, and other ancillary equipment.
4. Blow well down, and TOO H w/ 2" tbg (if present).
5. RIH w/ work string to ~1575'
6. Pump 15 BBI 6% gel.
7. Set 200' cement plug F/ 1575' T/ 1375'.
8. TOO H to 1000', WOC 8 hrs, RIH & tag plug, add cement if needed.
9. 4-1/2" & 6-5/8" Casing will be ripped and removed from well bore where free. The following cement plugs set will be set, with the order depending on where casing is free and able to be removed. 6% gel will be spotted between each plug.
 - a. 100' plug across from location of ripped 4-1/2" casing.
 - b. 100' plug F/ 1200' – T/1000'. Csg ripped or perforated at ~1100' if still present.
 - c. 100' elevation plug F/ 800' – T/ 700'. Csg ripped or perforated at ~750' if still present.
 - d. 100' plug across from location of ripped 6-5/8" casing.
10. 8-1/4" Casing will be ripped and removed from well bore where free. The following cement plugs set will be set, with the order depending on where casing is free and able to be removed. 6% gel will be spotted between each plug.
 - a. 100' plug across from location of ripped 8-1/4" casing.
 - b. 250' surface plug F/ 250' – T/ surface'. Csg ripped or perforated at 200' if still present.
11. Erect a monument to WV DEP specifications (CSR 35-4-5.5 – sub "b").
12. Reclaim location and roads to WV DEP Specifications.

All Formations Including Salt Elevations, Coals, Fresh Water, Should be cased by Cement, Including pulling all free pipes

Terry W. Urban
 4-13-26

05/29/2026



IV-35
(Rev 8-81)

RECEIVED
JAN 7 - 1985

State of West Virginia
Department of Mines
Oil and Gas Division

Date August 25, 1984
Operator's Well No. Courtland #3
Farm Courtland
API No. 47-039-1608 Red Frac

OIL & GAS DIVISION
DEPT. OF MINES
WELL OPERATOR'S REPORT
OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil ___ / Gas Liquid Injection ___ / Waste Disposal ___
(If "Gas," Production ___ / Underground Storage ___ / Deep ___ / Shallow ___)

LOCATION: Elevation: 795' Watershed Meadow Crk. of Brier Creek
District: Washington County Kanawha Quadrangle Chas., WV

COMPANY Badger Oil & Gas Co., Inc.
ADDRESS P.O. Box 299; Bulloden, WV 25570
DESIGNATED AGENT Jack Dyer, Jr.
ADDRESS P.O. Box 299; Bulloden, WV 25570
SURFACE OWNER Janson, Popper, & Brown
ADDRESS Old Follows Bldg. 714 1/2 St. Chas, WV 25301
MINERAL RIGHTS OWNER Brown & Courtney
ADDRESS Old Follows Bldg. 714 1/2 St. Chas, WV 25301
OIL AND GAS INSPECTOR FOR THIS WORK Quincy Helcomb ADDRESS Hambley, WV
PERMIT ISSUED 7-19-84
DRILLING COMMENCED 7-20-84
DRILLING COMPLETED 7-25-84

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cord.			
13-10"	24	24	to surface
9 5/8			
8 5/8	269	269	80 sbs
7	1356	1356	80 sbs
5 1/2			
4 1/2	1585	1585	110 sbs
3			
2			
Liners used			

4/13/26

IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON

GEOLOGICAL TARGET FORMATION Big lnjun Depth 1535-1574 feet
Depth of completed well 1609 feet Rotary Cable Tools
Water strata depth: Fresh 220 feet; Salt 1100 feet
Coal seam depths: 32 Is coal being mined in the area? No

OPEN FLOW DATA
Producing formation Big lnjun Pay zone depth 1535-1574 feet
Gas: Initial open flow Show Mcf/d Oil: Initial open flow ___ Bbl/d
Final open flow 385 Mcf/d Final open flow ___ Bbl/d
Time of open flow between initial and final tests 8 hours
Static rock pressure 395 psig (surface measurement) after ___ hours shut in
(If applicable due to multiple completion--)
Second producing formation ___ Pay zone depth ___ feet
Gas: Initial open flow ___ Mcf/d Oil: Initial open flow ___ Bbl/d
Final open flow ___ Mcf/d Oil: Final open flow ___ Bbl/d
Time of open flow between initial and final tests ___ hours
Static rock pressure ___ psig (surface measurement) after ___ hours shut in

KAN - 1608

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Pumps 1535-40 6
1545-50 6
1564-68 5
1572-74 3

Foam Frac

360,000 SCF N₂
149 BBL H₂O
30,000 lbs. 20/50 sand
500 gal. 15% HCL

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Sand + Gravel			0	24	
Slate			24	32	
Coal			32	35	
Slate			35	55	
Sand			55	75	
Slate + Shells			75	180	
Sand			180	245	
Slate + Shells			245	400	
Sand			400	455	
Slate			455	465	
Blue sand			465	572	
Slate sand			572	938	
Slate			938	940	
Shell			940	995	
Slate			995	1006	
Sand			1006	1177	
Slate			1177	1180	
Shells			1180	1230	
Red Rock			1230	1235	
Slate + Shells			1235	1258	
Maxon Sand			1258	1293	
Little Lime			1293	1328	
Pencil. Cave.			1328	1333	
Big Lime			1333	1517 1/2	
Big Anhyd			1517 1/2	1560	
Slate + Shells			1560	1609	
Total Depth				1609	

4/13/26

(Attach separate sheets as necessary)

Badger Oil & Gas Co., Inc.
Well Operator

By:

Date:

August 25, 1984

Note: Regulation 2.02(i) provides as follows:
"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including all encountered in the drilling of a well."



4703901608P

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

Permit No. Kan-1608

Oil or Gas Well _____

Company Courtland Gas Company
 Address Shepherdston, W. Va.
 Farm Courtland Acres 4200
 Location (waters) Brier Creek
 Well No. 211-3 Elev. 795'
 District _____ County Kanawha
 The surface of tract is owned in fee by Same
 Address _____
 Mineral rights are owned by Same
 Address _____
 Drilling commenced April 30, 1953
 Drilling completed June 15, 1953
 Date Shot _____ From _____ To _____
 With Acidized 2000 Gals.
 Open Flow _____ /10ths Water in _____ Inch
13 /10ths Merc. in 2" Inch
 Volume _____ Cu. Ft.
 Rock Pressure 460 lbs. 24 hrs.
XXX Gas _____ bbls., 1st 24 hrs.
 Fresh water _____ feet
 Salt water _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packer
Size			
16			Kind of Packer
18			<u>Lead & Rub</u>
10		<u>24</u>	Size of <u>7"</u>
8 3/4		<u>269</u>	
6 3/4		<u>1356</u>	Depth set
6 3/16			
8			Perf. top
8			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____
 COAL WAS ENCOUNTERED AT _____ FEET
 _____ FEET _____ INCHES FEET
 _____ FEET _____ INCHES FEET

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand & Gravel			00	24			
Slate			24	32			
Coal			32	35			
Slate			35	55			
Sand			55	75			
Slate & Shells			75	180			
Sand			180	245			
Slate and Shells			245	400			
Sand			400	455			
Slate			455	465			
Blue Sand H			465	572			
Slaty Sand			572	938			
Slate			938	940			
Shall			940	995			
Slate			995	1006			
Sand			1006	1177			
Slate			1177	1180			
Shells			1180	1230			
Red Rock			1230	1235			
Slate and Shells			1235	1258			
Maxon Sand			1258	1293			
Little Lime			1293	1328			
Pencil Cave			1328	1333			
Big Limo			1333	1517 1/2			
Red Injun			1517 1/2	1560			
Slate and Shells			1560	1563			
Total Depth				1563			

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RECEIVED

JUL 17 1954

OIL & GAS DIVISION
DEPT. OF MINES

4703901608P

WW-4A
Revised 6-07

1) Date: 03/18/2026
2) Operator's Well Number
COURTLAND #3
3) API Well No.: 47 - 039 - 01608

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 The Courtland Company, Address 114 Monongalia St, Charleston, WV 25302. (b) Name, (c) Name. 5) (a) Coal Operator Name N/A, Address. (b) Coal Owner(s) with Declaration Name, Address. (c) Coal Lessee with Declaration Name, Address. 6) Inspector Terry Urban, Address 601 57th St SE, Charleston, WV 25304, Telephone 304-926-0499.

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.

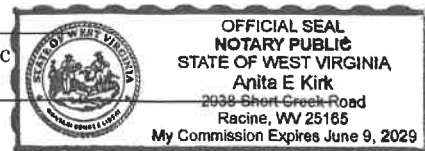
The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses side. However, you are not required to take any action at all.

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.

4/13/26

Well Operator Pillar Energy LLC
By: Jeff Isner
Its: President & CEO
Address 1244 Martins Branch Rd, Charleston, WV 25312
Telephone 681-205-8599

Subscribed and sworn before me this 23rd day of March 2026
My Commission Expires June 9, 2029
Notary Public



Oil and Gas Privacy Notice

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

05/29/2026

4703901608P

9589 0710 5270 2352 9331 94

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com

Charleston, WV 25302

Certified Mail Fee	\$5.30	0708
Extra Services & Fees (check box, add fee, as appropriate)		05
<input checked="" type="checkbox"/> Return Receipt (hardcopy)	\$4.40	Postmark Here 03/24/2026
<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	\$2.44	
Total Postage and Fees	\$17.24	
Sent To	The Courtland Company	
Street and Apt. No., or PO Box No.	114 Monongalia St	
City, State, ZIP+4®	Charleston WV 25302	

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

4/13/26

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature <input checked="" type="checkbox"/> <i>[Signature]</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) _____ C. Date of Delivery _____</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>
<p>1. Article Addressed to:</p> <p>The Courtland Company 114 Monongalia St Charleston WV 25302</p>	<p>3. Service Type</p> <p><input type="checkbox"/> Adult Signature <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail™ <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery</p>
<p>2. Article Number (Transfer from service label)</p> <p>9589 0710 5270 2352 9331 94</p>	<p>94</p>



9590 9402 7179 1284 0765 72

05/29/2026

SURFACE OWNER WAIVER

4703901608f

Operator's Well
Number

COURTLAND #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 57th St. SE
Charleston, WV 25304
(304) 926-0450

4/13/26

Time Limits and methods for filing comments. The law requires these materials to be served on or before the date the operator files his Application. You have **FIVE (5) DAYS** after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

The Chief has the power to deny or condition a well work permit based on comments on the following grounds:

- 1) The proposed well work will constitute a hazard to the safety of persons.
- 2) The soil erosion and sediment control plan is not adequate or effective;
- 3) Damage would occur to publicly owned lands or resources;
- 4) The proposed well work fails to protect fresh water sources or supplies;
- 5) The applicant has committed a substantial violation of a previous permit or a substantial violation of one or more of the rules promulgated under Chapter 22, and has failed to abate or seek review of the violation..."

If you want a copy of the permit as it is issued or a copy of the order denying the permit, you should request a copy from the Chief.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice and Application For A Permit To Plug And Abandon on Forms WW-4A and WW-4B, and a survey plat.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

FOR EXECUTION BY A NATURAL PERSON
ETC.

FOR EXECUTION BY A CORPORATION,

	Date		Name	
Signature			By	
			Its	Date

Signature

Date
05/29/2026

WW-4B

API No. 47039016808P
Farm Name _____
Well No. COURTLAND #3

**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.

4/13/26

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 _____

05/29/2026

WW-9
(5/16)

4703901608

API Number 47 - 039 - 01608
Operator's Well No. _____

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

Operator Name Pillar Energy LLC OP Code _____

Watershed (HUC 10) Lower Kanawha Quadrangle Charleston West

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

TU 4-13-26

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 _____)

ANY WELL EFFLUENT MUST BE CONTAINED IN TANKS AND DISPOSED OFF-SITE LEGALLY

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 *Jeff Isner*

Company Official (Typed Name) Jeff Isner

Company Official Title President & CEO

Subscribed and sworn before me this 23rd day of March, 2026

Anita E Kirk

Notary Public

My commission expires June 9, 2029



Proposed Revegetation Treatment: Acres Disturbed 1/2 Prevegetation pH _____

Lime according to pH test Tons/acre or to correct to pH 7.0

Fertilizer type 10-20-20

Fertilizer amount 500 lbs/acre

Mulch Hay or Straw Tons/acre

4/13/26

Seed Mixtures

Temporary

Permanent

Seed Type lbs/acre

Seed Type lbs/acre

Contractors 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 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: _____

Title: *Inspector Del & GAS* Date: *4-13-26*

Field Reviewed? Yes No

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

4/13/26

Operator Name: Pillar Energy LLC
Watershed (HUC 10): Lower Kanawha Quad: Charleston West
Farm Name: _____

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

Plugging of shallow well. All residual fluids will be captured in portable flowback tanks for proper disposal.

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

Plugging of shallow well. All residual fluids will be captured in portable flowback tanks for proper disposal.

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

Meadow Fork Brier Creek - 215'

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.

4/13/26

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.

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

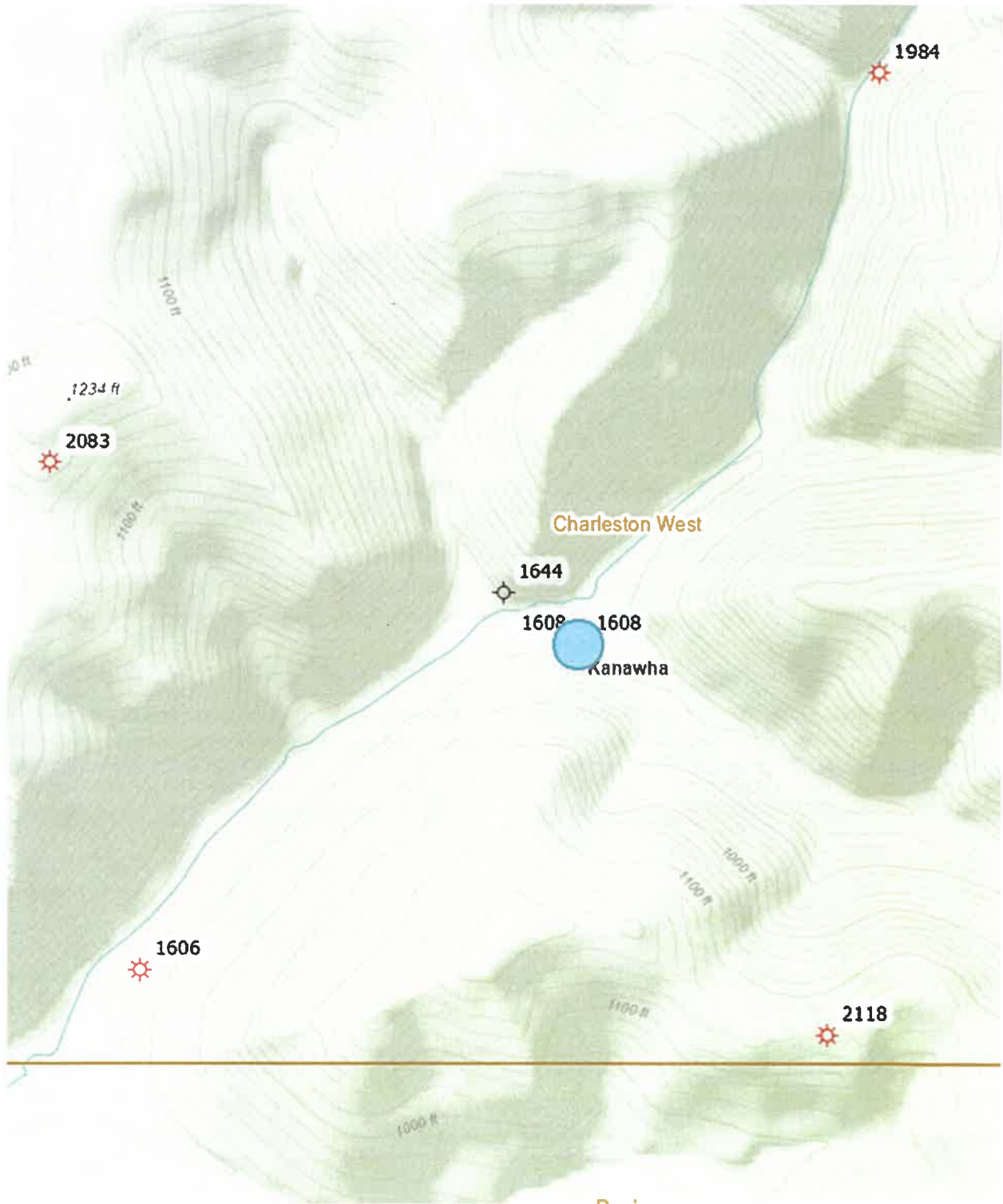
Signature: _____

Date: _____

4703901608

COURTLAND #3 LOCATION MAP

4/13/26



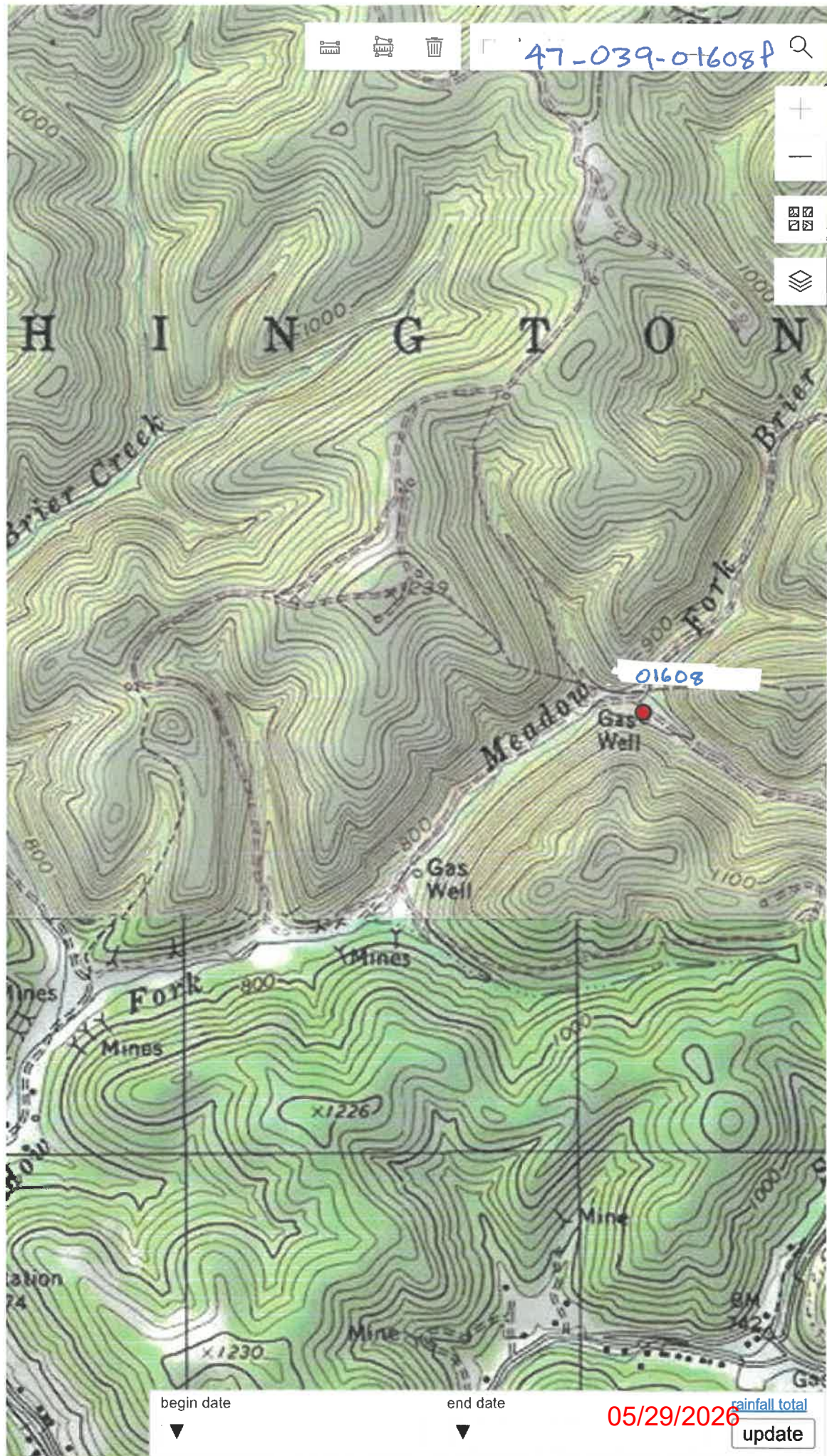
05/29/2026

Storage Fields

storage_fields

 active

 protected



WW-7
8-30-06

4703901608



4/13/26

West Virginia Department of Environmental Protection
Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 47-039-01608 WELL NO.: COURTLAND #3

FARM NAME: Courtland

RESPONSIBLE PARTY NAME: Pillar Energy LLC

COUNTY: Kanawha DISTRICT: Washington

QUADRANGLE: Charleston West C6

SURFACE OWNER: The Courtland Company

ROYALTY OWNER: The Courtland Company

UTM GPS NORTHING: 4234324.9

UTM GPS EASTING: 437185.5 GPS ELEVATION: 795'

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.


Signature

CEO
Title

3-23-26
Date

05/29/2026