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, October 21, 2026
WELL WORK PLUGGING PERMIT
Vertical Plugging

PILLAR ENERGY, LLC
1244 MARTINS BRANCH RD

CHARLESTON, WV 25312

Re: Permit approval for P-83
47-011-00645-00-00

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: P-83
Farm Name: BLACKWOOD, J. L.
U.S. WELL NUMBER: 47-011-00645-00-00
Vertical Plugging
Date Issued: 10/21/2026

Promoting a healthy environment.

10/23/2026

PERMIT CONDITIONS

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

CONDITIONS

1. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.
2. Well work activities shall not constitute a hazard to the safety of persons.
3. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing.

10/23/2026

WW-4B
Rev. 2/01

1) Date September 29, 2026
2) Operator's
Well No. P-83
3) API Well No. 47- 011 - 00646

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 855 Watershed Lower Guyandotte
District Grant County Cabell Quadrangle Hurricane

6) Well Operator Pillar Energy LLC
Address 1244 Martins Branch Rd
Charleston WV 25312

7) Designated Agent Jeff Isner
Address (same)

8) Oil and Gas Inspector to be notified
Name Brian Warden
Address 49 Elk Creek Rd
Delbarton WV 25670

9) Plugging Contractor
Name TBD
Address

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

See attached procedure.

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

Work order approved by inspector Brian Elk Date 92926

10/23/2026

P-83
API# 47-011-00645
Elevation: 855' GL
Latitude/Longitude: 38.41153579, -82.1185155

PERMITTED UNDER NEW REGULATIONS

P-83 Well Data

Casing:	10" Conductor @ 18' 8-1/4" Surface Csg @ ~830' POOH after next string. 6-5/8" Intermediate Csg @ ~1931' GL. No record of tubing
TD:	3676'
Perforations:	Devonian Shale Shot 3342' - 3656' Berea Shot 2345' - 2364'
Coal:	No record found
Fresh Water Shows:	FW potential @ 340' & 470' based on offset 011-00407
Salt Water Shows:	700' & 1230'
Gas/Oil Shows:	2347', 3600' – 3610'

P-83 Procedure:

1. Notify State Inspector, Brian Warden – (304)-205-3229– brian.warden@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 TOOH w/ tubing if present.
5. RIH w/ work string to ~3322'
6. Pump 30 BBl 6% gel.
7. Set 100' cement plug F/ 3322' T/ 3222'.
8. TOOH to 2500', WOC 8 hrs, RIH & tag plug, add cement if needed.
9. Set the following cement plugs, w/ 6% gel spotted between each plug.
    a. 100' plug F/ 2325' – T/ 2225'.
    b. 100' plug F/ 1941' – T/ 1841'. Csg ripped or perforated at ~1900' if present.
    c. 100' plug F/ 1540' – T/ 1440'. Csg ripped or perforated at ~1540' if present.
    d. 100' plug F/ 1210' – T/ 1110'. Csg ripped or perforated at ~1210' if present.
    e. 100' plug F/ 680' – T/ 580'. Csg ripped or perforated at ~680' if present.
    f. 520' plug F/ 520' – T/ Surface'. Csg ripped or perforated at ~520'& 490' if present. Apply a minimum of 200 psi pressure on surface plugs.
10. Erect a monument to WV DEP specifications (CSR 35-4-5.5 – sub "b").
11. Reclaim location and roads to WV DEP Specifications.

Brian Ehler 4 29 26

10/23/2026

PILLAR ENERGY

WELLBORE SCHEMATIC

Well Information:

Well Name:	P-83	Company / Partnership:	Pillar Energy LLC
County / State:	Cabell / WV	API Number:	47-011-00645
District / Quad:	Grant / Hurricane	AFE Number:	
Target:	Berea / Devonian Shale	Cost Center:	
Lat:	38.41153579	Pool Code	
Long:	-82.1185155	DTD / LTD:	3676

Surveys	Hole Size	Shows	Depths (KB)	SPUD DATE: ?? TD DATE: ??	Casings	Cement
				Elevation: 855'	10" Conductor @ 18'	
		FW Potential @ 340' FW Potential @ 470'				
		SW @ 700'			8-1/4" Csg @ ~830', POOH after 6-5/8" was set	
		SW @ 1230'				
					6-5/8" Intermediate csg set @ ~1931' GL	
		Gas Show @ 2347'				
		Gas Show @ 3600' - 3610'			No Record of tbg	
				TD @ 3676'		

Completion Information — Target: Berea / Devonian Shale — Completion Date: 12/26/1930

Top Perforation (ft):		Frac Type/Fluid:		Breakdown:	psi
Bottom Perforation (ft):		Foam Quality:		Pre-ISIP:	psi
No. of Shots:		BD Acid Volume:	gal.	MTP:	psi
Charge (gram):		Treatment Volume:	gal.	ATP:	psi
Perf Diameter:		Sand mesh size	mesh	ISIP:	psi
Penetration:		Sand Volume	sacks	5-min SIP	psi
Phasing:		Ave. Treatment Rate:	bpm	10-min SIP	psi

10/23/2026

Well No. P-83.

LARNER GAS ..... Company

1106 Kanawha Valley Bldg., Address

Charleston, W. Va. CAB - 24

COMPLETION DATA SHEET
NO. 2
FORMATION RECORD

Name	Color	Character	Oil, Gas or Water	Top	Bottom	Thickness	Total Depth	Remarks
Clay				0	12	12		
Slate				12	40	28		
Lee Rock				40	80	40		
Sand				80	105	25		
Red Rock			Water at:	105	130	25		
Slate				130	190	60		
Red Rock				190	205	15		
Slate				205	330	125		
Red Rock				330	360	30		
Slate				360	485	125		
Sand				485	535	50		
Slate & Shells				535	690	155		
Sand			700 ft.	690	765	75		
Slate				765	850	85		
Sand				850	963	113		
Slate				963	1020	57		
Sand				1020	1065	45		
Slate				1065	1125	60		
Sand			1230 ft.	1125	1370	245		
Slate				1370	1450	80		
Sand				1450	1535	85		
Slate				1535	1560	25		
Big Lime				1560	1750	190		
White Slate				1750	1770	20		
Big Injun				1770	1890	120		
Slate				1890	1898	8		
Lime				1898	1912	14		
Slate & Shells				1912	2110	198		
Gritty Lime				2110	2255	145		
Slate			Gas at:	2255	2345	90		
Berea			2347 ft.	2345	2367	22		
Slate & Shells				2367	3248	881		
Lime Shells				3248	3252	4		
Slate & Shells				3252	3355	103		
Shale			3600-3610	3355	3656	301		
White Slate				3656	3676	20		
							3676	

Well was ~~not~~ shot at 3342 to 3656 feet; well was shot at 2345 to 2364 feet.

Salt ~~Rock~~ water at 700 and 1230 feet; salt fresh water at ..... feet.

Well was producing ~~dry~~ gas ~~hole~~.

LARNER GAS COMPANY,

December 26, 1930. Approved J. L. Shepard
Date ~~Owner~~ Gen'l Supt.

NOTE: All bottom formations must be noted as indicated above and all key-rocks and oil and gas sands must be recorded under their proper geological names in the district as well as any local names commonly used in the district for such strata.

10/23/2026

Cab-24

WEST VIRGINIA DEPARTMENT OF MINES

Oil and Gas Section

PRELIMINARY DATA SHEET NO. 1

File No. ..... Well No. P-83

LARNER GAS Company, of 1108 Kanawha Valley Building, Charleston, West Virginia, on the John P. Carter, et al., Farm containing 46 acres. Location .....

Grant District, in Cabell County, West Virginia.

The surface of the above tract is owned in fee by John P. Carter, et al., of Milton, W. Va., address, and the mineral rights are owned by (W. H. Johnson, Trustee, Lessor) John P. Carter, et al., of Milton, W. Va.

The oil and gas privileges are held under lease by the above named company, and this well is drilled under permit No. No number issued by the West Virginia Department of Mines, Oil and Gas Section, September 23rd, 1930.

Elevation of surface at top of well, 854.56 Spirit ~~Barometric~~.

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

18 feet 13" size. Wood conductor (Pulled)

630 feet 8¼" size, csg. ..... feet ..... sized csg.

1931 feet 6-5/8" size, csg. ..... feet ..... sized csg.

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

..... packer of ..... size, set at .....

..... packer of ..... size, set at .....

..... in casing perforated at ..... feet to ..... feet.

..... in casing perforated at ..... feet to ..... feet.

Coal was encountered at No coal feet; thickness ..... inches, and at .....

feet; thickness ..... inches; and at ..... feet; thickness ..... inches.

Liners were used as follows: (Give details) No liners

December 26th, 1930.
Date.

Approved LARNER GAS COMPANY, Owner.

By J. L. Shepard
(Title) Gen'l Supt.

DEC 27 1930 WEST VIRGINIA

10/23/2026

WW-4A
Revised 6-07

Received
Office of Oil & Gas
OCT 05 2026
WV Department of
Environmental Protection

1) Date: 09/29/2026
2) Operator's Well Number
P-83

3) API Well No.: 47 - 011 - 00645

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE 0F APPLICATION TO PLUG AND ABANDON A WELL

4) Surface Owner(s) to be served:
(a) Name: Vance Karen R & Terry Danny S
Address: 108 Piedmont Rd
Hurricane, WV 25526

(b) Name:
Address:

(c) Name:
Address:

6) Inspector: Brian Warden
Address: 49 Elk Creek Rd
Delbarton WV 25670
Telephone: 304-205-3229

5) (a) Coal Operator
Name: N/A
Address:

(b) Coal Owner(s) with Declaration
Name:
Address:

Name:
Address:

(c) Coal Lessee with Declaration
Name:
Address:

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.

OFFICIAL SEAL
NOTARY PUBLIC
STATE OF WEST VIRGINIA
Anita E Kirk
2938 Short Creek Road
Racine, WV 25165
My Commission Expires June 9, 2029

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 30th day of Sept 2026
Anita E Kirk Notary Public
My Commission Expires June 9, 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.

10/23/2026

US POSTAGE $012.47⁰ First-Class - IMI ZIP 25312 09/30/2026 036B 0011821877

Karen R Vance & Danny S Terry
108 Piedmont Rd
Hurricane, WV 25526

CERTIFIED MAIL

9589 0710 5270 2352 9334 77

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

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

OFFICIAL USE

Certified Mail Fee $ 5.55

Extra Services & Fees (check box, add fee as appropriate)
- ☑ Return Receipt (hardcopy) $ 4.65
- ☐ Return Receipt (electronic) $
- ☐ Certified Mail Restricted Delivery $
- ☐ Adult Signature Required $
- ☐ Adult Signature Restricted Delivery $

Postage $ 2.27

Total Postage and Fees $ 12.47

Postmark Here

Karen R Vance & Danny S Terry
108 Piedmont Rd P-83
Hurricane, WV 25526

for instructions

SENDER: COMPLETE THIS SECTION

- 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.

1. Article Addressed to:

Karen R Vance & Danny S Terry
108 Piedmont Rd P-83
Hurricane, WV 25526

9590 9402 8699 3210 6093 54

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X ☐ Agent ☐ Addressee

B. Received by (Printed Name) C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
- ☐ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☑ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Priority Mail Express®
- ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery
- ☐ Signature Confirmation™

10/23/2026

rgy LLC
tins Branch Rd
on, WV 25312

WW-9
(5/16)

API Number 47 - 011 - 00645
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 494495012

Watershed (HUC 10) Lower Guyandotte Quadrangle Hurricane

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 Spirit Energy Water Treatment Plant (Nitro, WV)

Will closed loop systembe used? If so, describe: N/A

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. N/A

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

Additives to be used in drilling medium? N/A

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. N/A

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

-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 _____

Company Official (Typed Name) Jeff Isner

Company Official Title President & CEO

Subscribed and sworn before me this 30th day of Sept, 2026

Anita E Kirk Notary Public

My commission expires June 9, 2029

OFFICIAL SEAL
NOTARY PUBLIC
STATE OF WEST VIRGINIA
Anita E Kirk
2938 Short Creek Road
Racine, WV 25165
My Commission Expires June 9, 2029

10/23/2026

Form WW-9

Operator's Well No. _____

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 2 Tons/acre

Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
		Contractors Mix	50

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: _____

Comments: _____

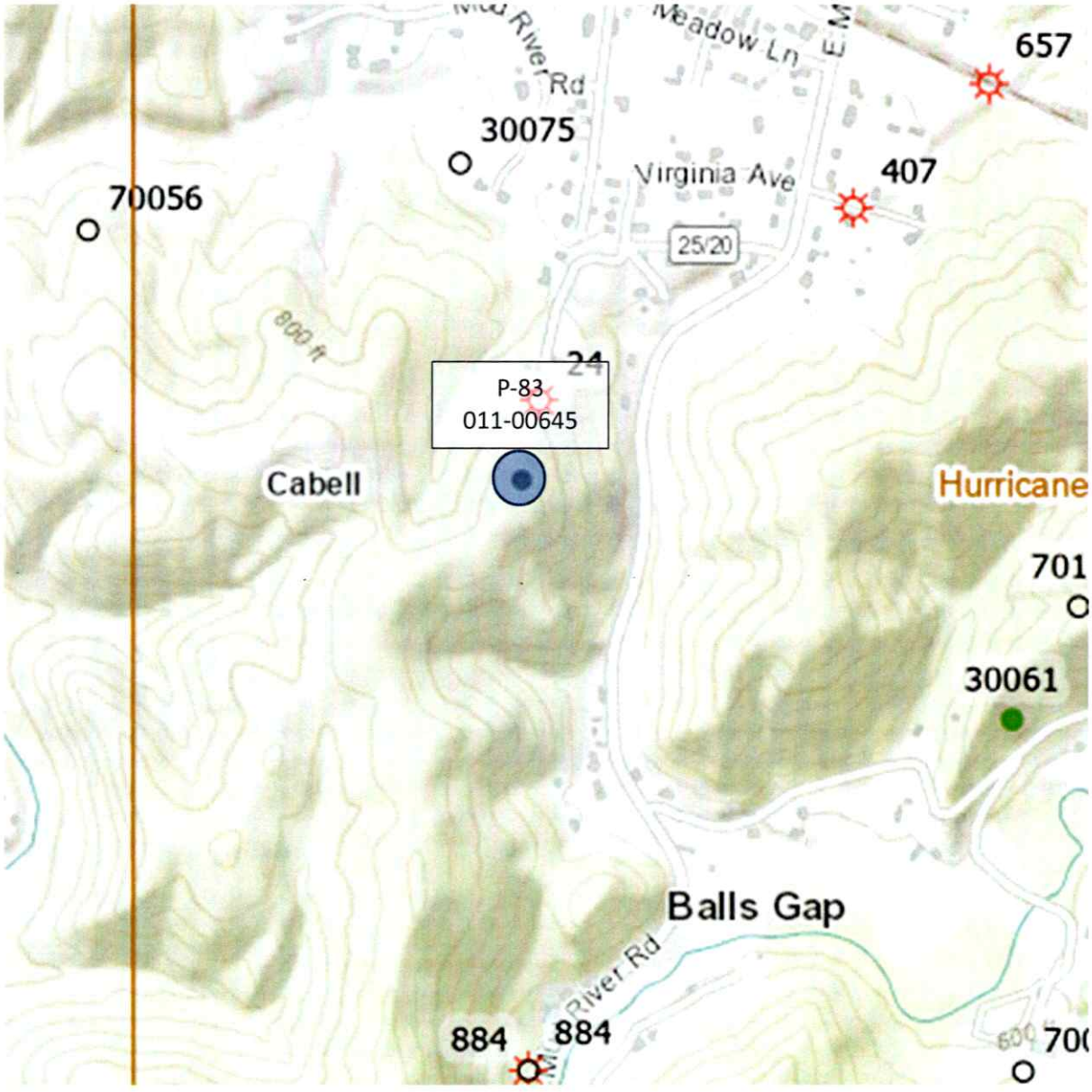
Title: _____ Date: 5-25-22

Field Reviewed? (✓) Yes ( ) No

10/23/2026

P-83

LOCATION MAP



10/23/2026

WW-7
8-30-06

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

API: 47-011-00645 **WELL NO.:** P-83

FARM NAME: _____

RESPONSIBLE PARTY NAME: Pillar Energy LLC

COUNTY: Cabell **DISTRICT:** Grant

QUADRANGLE: Hurricane

SURFACE OWNER: Vance Karen R & Terry Danny S

ROYALTY OWNER: _____

UTM GPS NORTHING: 4,252,069.632

UTM GPS EASTING: 402,347.221 **GPS ELEVATION:** 855

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	9-30-26 Date

10/23/2026