



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

Thursday, October 1, 2026
WELL WORK PLUGGING PERMIT
Vertical Plugging

PILLAR ENERGY, LLC
1244 MARTINS BRANCH RD

CHARLESTON, WV 25312

Re: Permit approval for P-13
47-011-00617-00-00

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-13
Farm Name: GERLACH, HENRY
U.S. WELL NUMBER: 47-011-00617-00-00
Vertical Plugging
Date Issued: 10/1/2026

Promoting a healthy environment.

10/02/2026

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.

1) Date June 16, 2026
2) Operator's
Well No. P-13
3) API Well No. 47-011 - 00817

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 720 Watershed Lower Guyandotte
District Grant County Cabell Quadrangle Milton
- 6) Well Operator Pillar Energy LLC 7) Designated Agent Jeff Isner
Address 1244 Martins Branch Rd Address (same)
Charleston WV 25312
- 8) Oil and Gas Inspector to be notified 9) Plugging Contractor
Name Brian Warden Name TBD
Address 49 Elk Creek Rd Address _____
Delbarton WV 25670

- 10) Work Order: The work order for the manner of plugging this well is as follows:
See attached procedure.

SEP 14 2026

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

Work order approved by inspector



Date

9/6/26

10/02/2026

P-13
API# 47-011-00617
Elevation: 720' GL
Latitude/Longitude: 38.4091876, -82.132923

PERMITTED UNDER NEW REGULATIONS

P-13 Well Data

Casing: 10" @ 11'
5-3/16" Intermediate Csg @ 1740' GL
2" Tbg @ 2180' GL
TD: 2180'
Perforations: None Reported, Berea pay zone, F/2156 T/2175
Coal: 565'
Fresh Water Shows: 198'
Salt Water Shows: 1185' (based on 011-00659, and adjusted for elevation)
Gas/Oil Shows: 1185' (based on 011-00659, and adjusted for elevation)

P-13 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 ~2136'
6. Pump 10 BBI 6% gel.
- ✓ 7. Set 100' Class A cement plug F/ 2136' T/ 2036'.
8. TOOH to 1500', WOC 8 hrs, RIH & tag plug, add cement if needed.
9. Set the following Class A cement plugs, w/ 6% gel spotted between each plug.
 - ✓ a. 100' plug F/ 1750' T/ 1650'. Csg ripped or perforated at 1700' if present.
 - ✓ b. 100' plug F/ 1370' T/ 1270'. Csg ripped or perforated at 1370' if present.
 - ✓ c. 100' plug F/ 1122' – T/ 1022'. Csg ripped or perforated at ~1122' if present.
 - ✓ d. 200' plug F/ 715' – T/ 515'. Csg ripped or perforated at ~715' and 615' if present.
 - ✓ e. 250' surface plug F/ 250' – T/ surface. Csg ripped or perforated at ~250' if present.
10. Erect a monument to WV DEP specifications (CSR 35-4-5.5 – sub "b").
11. Reclaim location and roads to WV DEP Specifications.

JEB
9/30/2026

10/02/2026



WELLBORE SCHEMATIC

Well Information:

Well Name: P-13	Company / Partnership: Pillar Energy LLC
County / State: Cabell / WV	API Number: 47-011-00617
District / Quad: Grant / Milton	AFE Number:
Target:	Cost Center:
Lat: 38.4091876	Pool Code
Long: -82.1329233	DTD / LTD: 2180

Surveys	Hole Size	Shows	Depths (KB)	SPUD DATE: 7/6/1923 TD DATE:	Casings	Cement
				Elevation: 720'		
					10" Conductor @ 11'	
		FW @ 198'			8-1/4" Csg @ 210', but POOH after 6-5/8" was set	
		Coal @ 565'				
		SW and Gas Show @ 1185'			6-5/8" Csg @ 1420', but POOH after 5-3/16" was set	
					5-3/16" Intermediate csg set @ 1740' GL, likely on packer	
		Berea located 2156' - 2175'		TD @ 2180'	2" Production tbg @ 2180'.	

Completion Information

Target: Berea

Completion Date: 8/15/1923

Top Perforation (ft):	Frac Type/Fluid:	Breakdown:
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

Remarks: Berea located 2156' - 2175'

10/02/2026

WATER GAS COMPANY

WELL NO. (Serial) 46

WELL RECORD

(Farm) 1
Lease No. LWC 54

S. J. REYNOLDS & HENRY GERLACH

PARCELS 118 ACRES

GRANT DISTRICT

CABELL COUNTY, W. VA.

TO	FROM	TOP	BOTTOM	REMARKS
	slate rock		1068	Gas 281 ft.
	sand	1068	1208	Hole gull water 1085
	limestone	1290	1377	
	Little Lim	1392	1408	
	Pencil Cave	1408	1410	
	Big Lime	1410	1428	
	Slate Break	1428	1443	
	Big Lime	1443	1580	
	Feener sand	1595	1653	
	Injun sand	1653	1744	
	Berea sand	2179	2196	
	Total depth		2212	Shot 40 qts. 4/20/28

WATER USED IN WELL

27'-10" Casing
444'-18" Casing
1448'-6 5/8" Casing
1786'-5 3/16" Casing

MATERIAL LEFT IN WELL

27'-10" Casing
1786'-5 3/16" Casing
Oil Well
2212' 2" Tubing

Rock Pressure 405'

Well commenced Mar. 12, 1928
Well completed Apr. 18, 1928

Contractor
L. S. Means

SOUTHEASTERN GAS COMPANY
AND AFFILIATED COMPANIES
P.O. BOX 2247
CHARLESTON, W. VA. 25303

Permit # 47-07-0459

LARNER GAS COMPANY

WELL NO. (Serial 1-13)
Lease No. 170 31

WELL RECORD

J. A. NICHOLAS & HEIN / GERLAUGH TRUST
WATERS OF MUD RIVER
GRANT DISTRICT
WABELL COUNTY, W. VA.

<u>FORMATION</u>	<u>TOP</u>	<u>BOTTOM</u>	<u>REMARKS</u>
Slate		90	198 ft.
Red Rock	90	125	
Slate sand	125	250	
Red Rock	250	350	
Sand slate	350	565	
Coal	565	568	
Sand-slate	568	1060	
Salt sand	1060	1142	
Slate-sand	1142	1288	
Slate	1290	1315	
Saxon sand	1315	1375	
Slate	1375	1390	
Little Lima	1390	1405	
Pencil oya	1405	1410	
Big Lima	1410	1575	
Broken lim	1575	1641	
Big Injun	1641	1734	
BEREA SAND	2156	2175	
Slate	2175	2180	
Bottom Hole		2180	

Well commenced July 6, 1923
Well completed Aug. 15, 1923
Contractor

Kirtley & Company

MATERIAL LEFT IN WELL

11' 10" Casing
1740' 5 3/16" Casing
2180' 2" Tubing

MATERIAL USED IN WELL

11' 10" Casing
210' 8 1/2" Casing
1420' 6 5/8" Casing

SOUTH EASTERN GAS COMPANY
AND AFFILIATED COMPANIES
P. O. BOX 2-17
CHARLESTON, W. VA. 25302

WW-4A
Revised 6-07

1) Date: 06/16/26
2) Operator's Well Number
P-13
3) API Well No.: 47 - 011 - 00617

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

4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name Freeman, Michael A & Miranda N	Name N/A
Address 102 Grins Ln	Address
Ashland, KY 41102	
(b) Name	(b) Coal Owner(s) with Declaration
Address	Name
	Address
(c) Name	Name
Address	Address
6) Inspector Brian Warden	(c) Coal Lessee with Declaration
Address 49 Elk Creek Rd	Name
Delbarton WV 25670	Address
Telephone 304-205-3229	

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.

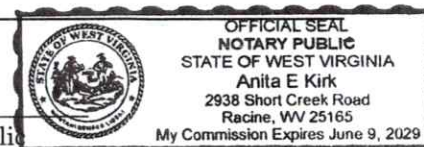
Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental 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 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 1st day of Sept 2026

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 depprivacyofficer@wv.gov.

10/02/2026

\$012.47
First-Class Mail
ZIP 25312
09/10/2026
036B 0011821877

Michael A & Miranda N Freeman
102 Grines Ln
Ashland KY 41102

9589 0710 5270 3528 5279 33
9589 0710 5270 3528 5279 33

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	\$ 2.97
Total Postage and Fees	\$ 12.47

Postmark
Here

Michael A & Miranda N Freeman
102 Grines Ln
Ashland KY 41102
P-13

for Instructions

SEP 14 2026

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:

Michael A & Miranda N Freeman
102 Grines Ln
Ashland KY 41102
P-13

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		

10/02/2026

25312

WW-9
(5/16)

API Number 47 - 011 - 00617
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 Milton

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: N/A

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 system be 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 [Signature]

Company Official (Typed Name) Jeff Isner

Company Official Title President & CEO

SEP 14 2026

Subscribed and sworn before me this 1st day of Sept., 20 26

Notary Public

My commission expires June 9, 2029



10/02/2026

Proposed Revegetation Treatment: Acres Disturbed 1/2 Prevegetation pH _____Lime according to pH test Tons/acre or to correct to pH 7.0Fertilizer type 10-20-20Fertilizer amount 500 lbs/acreMulch 2 Tons/acreSeed Mixtures

Temporary

Permanent

Seed Type	lbs/acre
Contractors Mix	

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: [Signature]Comments: [Signature]RECEIVED
CROSS COUNTRY

SEP 14 2026

WV Department of
Environmental ProtectionTitle: [Signature]Date: 9/6/26

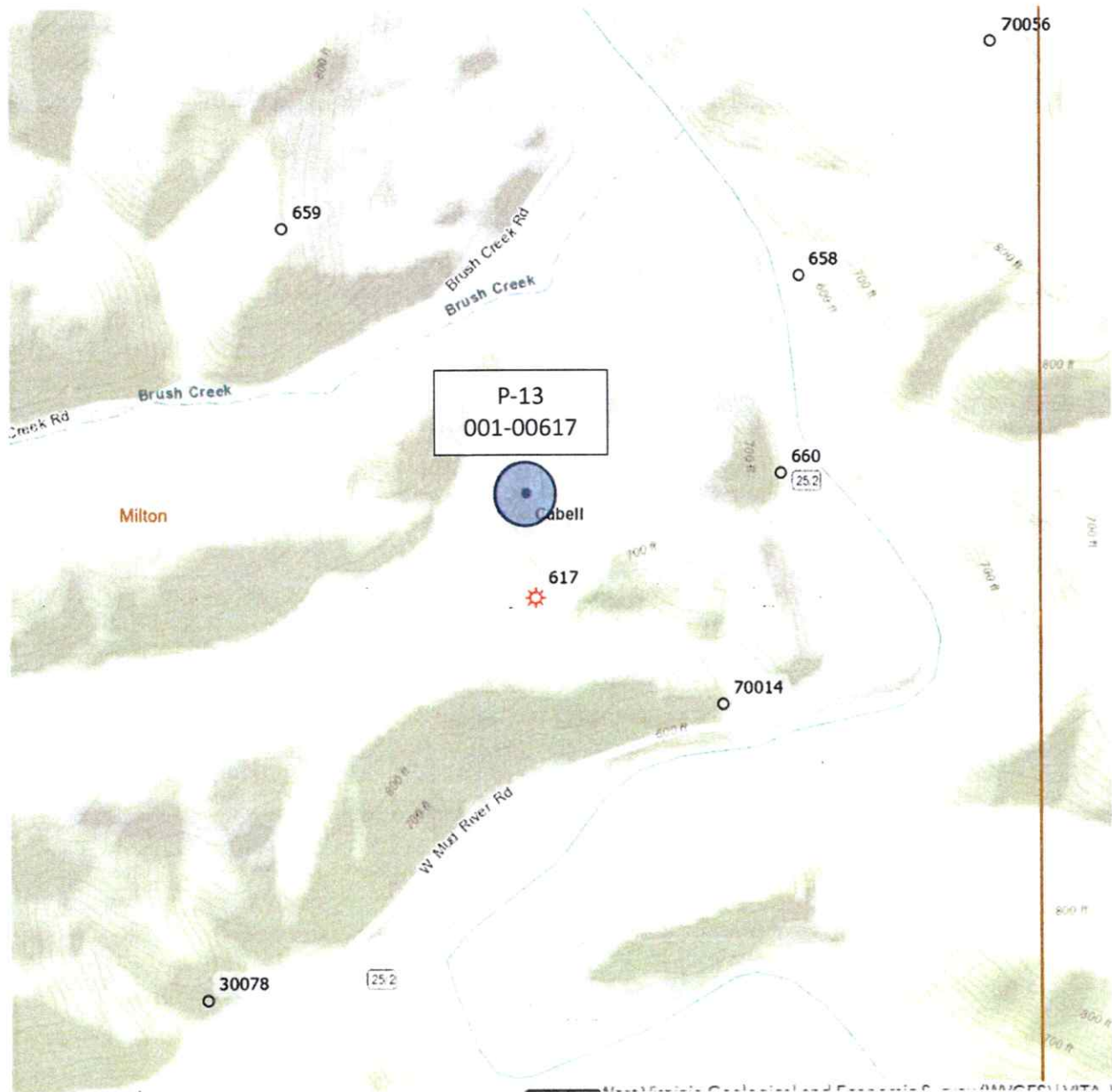
Field Reviewed?

☒ Yes☐ No

10/02/2026

P-13

LOCATION MAP



SEP 14 2026
WV Department of Environmental Protection

10/02/2026

WW-7
8-30-06



West Virginia Department of Environmental Protection
Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 47-011-00617 WELL NO.: P-13

FARM NAME: _____

RESPONSIBLE PARTY NAME: Pillar Energy LLC

COUNTY: Cabell DISTRICT: Grant

QUADRANGLE: Milton

SURFACE OWNER: Freeman, Michael A & Miranda N

ROYALTY OWNER: _____

UTM GPS NORTHING: 4251824.423

UTM GPS EASTING: 401086.097 GPS ELEVATION: 720

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

9-1-26
Date

10/02/2026