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

Friday, October 9, 2026
WELL WORK PERMIT
Vertical / Plugging

PILLAR ENERGY, LLC
1244 MARTINS BRANCH RD

CHARLESTON, WV 25312

Re: Permit approval for F-16
47-011-00019-00-00

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.

Please be advised that form WR-35, Well Operators Report of Well Work 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: F-16
Farm Name: HASSIE, EFFIE C.
U.S. WELL NUMBER: 47-011-00019-00-00
Vertical Plugging
Date Issued: 10/9/2026

10/09/2026

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.

10/09/2026

WW-4B
Rev. 2/01

1) Date June 30, 2026
2) Operator's Well No. F-16
3) API Well No. 47- 011 - 00019

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 829 Watershed Lower Guyandotte River
District Guyandotte County Cabell Quadrangle Milton

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.

Received
SEP 16 2026
WV Department of Environmental Protection

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

Work order approved by inspector [signature] Date 9/6/26

10/09/2026

F-16
API# 47-011-00019
Elevation: 829' GL
Latitude/Longitude: 38.3820589, -82.177352

PERMITTED UNDER NEW REGULATIONS

F-16 Well Data

Casing:	13-3/8" Conductor @ 14' GL
	10" Conductor @ 114' GL
	8-1/4" Surface Csg @ 728' GL
	6-5/8" Intermediate Csg @ 2009' GL
	3" Production Tbg @ 3679' GL
TD:	3679'
Perforations:	Devonian Shale, Shot F/3241 T/3668
Coal:	60' & 562'
Fresh Water Shows:	260' & 438'
Saltwater Shows:	770' & 1357'
Gas/Oil Shows:	2452', 3391', 3645', 3679'

F-16 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/ tbg if present.
5. RIH w/ work string to ~3221'
6. Pump 30 BBl 6% gel.
7. Set 100' Class A cement plug F/3221' T/3121'.
8. TOOH to 2400', 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' cement plug F/2432' T/2332'.
    b. 100' cement plug F/2020' T/1920'. Csg ripped or perforated at ~1975' if present.
    c. 100' cement plug F/1644' T/1544'. Csg ripped or perforated at ~1644' if present.
    d. 100' plug F/1337' T/1237'. Csg ripped or perforated at ~1337' if present.
    e. 125' plug F/750' T/625'. Csg perforated at ~725' if present.
    f. 125' expanding plug F/625' T/500'. Csg perforated at ~625' & 565' if present.
    g. 375' plug F/500' T/125'. Csg perforated at ~500' if present.
    h. 125' expanding plug F/125' T/surface. Csg ripped or perforated at ~125' if present. Apply a minimum of 200 psi pressure on surface plugs.
    i. 48 hour post plugging methane analysis.
10. Erect a monument to WV DEP specifications (CSR 35-4-5.5 – sub "b").
11. Reclaim location and roads to WV DEP Specifications.

10/9/2026

10/09/2026

GAS WELL F-16

Hamilton Gas Company
1118 Kanawha Valley Bldg. Address
Charleston, W. Va. CAB -19-

COMPLETION DATA SHEET
NO. 2
FORMATION RECORD

Name	Color	Character	Oil, Gas or Water	Top	Bottom	Thickness	Total Depth	Remarks
Soil & Sand				0	20	20		
Slate				20	40	20		
Red Rock				40	50	10		
Lime Shells				50	60	10		
Coal				60	63	3		
Slate & Shells				63	190	127		
Sand, Lime & Slate			Water at:	190	373	183		
Red Rock			260 ft.	373	378	5		
Slate, Lime & Sand			438 "	378	515	137		
Red Rock				515	530	15		
Slate				530	562	32		
Coal				562	567	5		
Slate, Lime & Sand			770 ft.	567	967	400		
Salt Sand				967	1062	95		
Slate, Lime & Sand			1357 ft.	1062	1624	562		
Red Rock				1624	1628	4		
Sand				1628	1664	36		
Little Lime				1664	1687	23		
Big Lime				1687	1868	181		
Slate				1868	1872	4		
Big Injun				1872	1884	12		
Lime				1884	1923	39		
Slate & Shells				1923	1933	10		
Wier Sand				1933	1998	65		
Slate				1998	2000	2		
Lime				2000	2009	9		
Slate				2009	2015	6		
Lime				2015	2030	15		
Slate & Shells				2030	2160	130		
Lime				2160	2193	33		
Slate & Shells				2193	2255	62		
Lime				2255	2340	85		
Slate & Shells				2340	2352	12		
Lime				2352	2371	19		
Slate			Gas & Oil:	2371	2448	77		
Berea Sand			2452 ft.	2448	2470	22		
Black Slate				2470	2483	13		
Lime				2483	2508	25		
Slate & Shells				2508	2550	42		
Lime				2550	2585	35		
Slate				2585	2600	15		
Lime				2600	2610	10		
Slate				2610	2642	32		
Lime Shells				2642	2700	58		
Slate & Shells				2700	2750	50		
Brown Shale				2750	2810	60		
Slate				2810	2878	68		

SEP 16 2026

Well was ~~xxxxx~~ shot at 3261 to 3668 feet; well was shot at ..... feet.

~~xxxx~~ Fresh water at 260 and 438 feet; ~~xxxx~~ salt water at 770 and 1357 feet.

Well was ~~xxx~~ producing gas ~~xxxx~~.

HAMILTON GAS COMPANY

..... Approved BY L. L. Stevens
Date Owner GEN. 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.

(See Other Side)

10/09/2026

PILLAR ENERGY

WELLBORE SCHEMATIC

SEP 16 2026

Well Information:

Well Name:	F-16	Company / Partnership:	Pillar Energy LLC
County / State:	Cabell / WV	API Number:	47-011-00019
District / Quad:	Guyandotte / Milton	AFE Number:	
Target:	Devonian Shale	Cost Center:	
Lat:	38.382059	Pool Code	
Long:	-82.177352	DTD / LTD:	3679

Surveys	Hole Size	Shows	Depths (KB)	SPUD DATE: June-30 TD DATE:	Casings	Cement
				Elevation: 829'		
					13-3/8" Conductor @ 14'	
		Coal @ 60'			10" Conductor @ 114'	
		FW @ 260' FW @ 438' Coal @ 562'			8-1/4" Surface Casing @ 728'	
		SW @ 770' SW @ 1357'			6-5/8" Intermediate csg set @ 2009' GL, likely on packer No Record of Cementing	
		Gas/Oil Show @ 2452' Gas Show @ ~3391'. 3645', & 3679'		TD @ 3679'	3" Production tbg @ 3679'. Open Hole Packer @ 2884'	

Completion Information Target: Devonian Shale Completion Date:

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

Remarks: Devonian Shale Shot F/3241 T/3668

10/09/2026

Name	Oil, Gas or water	Top	Bottom	Thickness	Total Depth
Hard Lime		2878	2893	15	
Slate		2893	2935	42	
Lime		2935	2942	7	
Slate		2942	2950	8	
Lime		2950	2973	23	
Slate		2973	3159	186	
Lime	Gas At:	3159	3179	20	
Slate	3391 ft.	3179	3300	121	
Brown Shale	3645 "	3300	3340	40	
White Slate	3679 "	3340	3375	35	
Brown Shale		3375	3679	304	3679

6 2026

10/09/2026

Cab-19

WEST VIRGINIA DEPARTMENT OF MINES

Oil and Gas Section

PRELIMINARY DATA SHEET NO. 1

SEP 16 2026

File No..... Well No. F-16

Hamilton Gas Company, of Charleston, W. Va.

on ththe Effie C. Hassie Farm

containing 25 acres. Location.....

Grant District, in Cabell County, West Virginia.

The surface of the above tract is owned in fee by Effie C. Hassie,

of R. F. D. No. 2, Milton, W. Va. address, and the mineral rights are owned by

Effie C. Ha-sie, of R. F. D. No. 2, 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. Cab-19 issued by the West Virginia Department of Mines, Oil and Gas Section,

June 16, 1930.

Elevation of surface at top of well, 829.40' A. T. Spirit Barometric.

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

14 feet 13 in. size. ~~Wax~~ conductor.

114 feet 10 in. size, csg. 3679 feet 3 in. sized ~~csg~~ Tubing.

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

2009 feet 6-5/8in. size, csg. feet sized csg.

Heater Comb. Wall & Anc. packer of 3" x 6-5/8x16 size, set at 2884

packer of size, set at

in casing perforated at 3592 feet to 3679 feet.

Sulp

in casing perforated at feet to feet.

Coal was encountered at 60 feet: thickness 36 inches, and at 562 feet; thickness 84 inches; and at feet: thickness inches.

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

December 12, 1930.
Date.

Approved HAMILTON GAS COMPANY, Owner.

By, J. L. Stewart

(Title) GEN. Supt.

10/09/2026

WW-4A
Revised 6-07

SEP 16 2026

1) Date: 06/30/26
2) Operator's Well Number
F-16

3) API Well No.: 47 - 011 - 00019

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: Eddie & Debra Dillon
Address: 3527 Fudges Creek Rd
Milton, WV 25541

(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 26 day of August 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.

10/09/2026

9589 0710 5270 2352 9332 79

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
$ 5.30

Extra Services & Fees *(check box, add fee as appropriate)*
- ☑ Return Receipt (hardcopy) $ 4.40
- ☐ Return Receipt (electronic) $
- ☐ Certified Mail Restricted Delivery $
- ☐ Adult Signature Required $
- ☐ Adult Signature Restricted Delivery $

Postage
$ 2.44

Total Postage and Fees
$ 12.14

Postmark Here

Eddie & Debra Dillon
3527 Fudges Creek Rd
Milton, WV 25541

F-14

for Instructions

[illegible] 16 2026

[illegible]

SENDER: COMPLETE THIS SECTION

- C[illegible] 2, and 3.
- [illegible] 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:

Eddie & Debra Dillon
3527 Fudges Creek Rd
Milton, WV 25541

F-14

9590 9402 8699 3310 6932 61

2. Article Number *(Transfer from service label)*
9589 0710 5270 2352 9332 79

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X [signature] ☐ 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
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery
- ☐ Priority Mail Express®
- ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery
- ☐ Signature Confirmation™
- ☐ Signature Confirmation Restricted Delivery

Mail
Mail Restricted Delivery
[illegible]00)

PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt

10/09/2026

WW-9
(5/16)

API Number 47 - 011 - 00019
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: _____

Will a synthetic liner be used in the pit? Yes ☐ No ☐ If so, what ml.? _____

Proposed Disposal Method For Treated Pit Wastes:

SEP 16 2026

_____ 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 26th day of August, 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

10/09/2026

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

RECEIVED
SEP 16 2026
WV Department of
Environmental Protection

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: 9/6/26

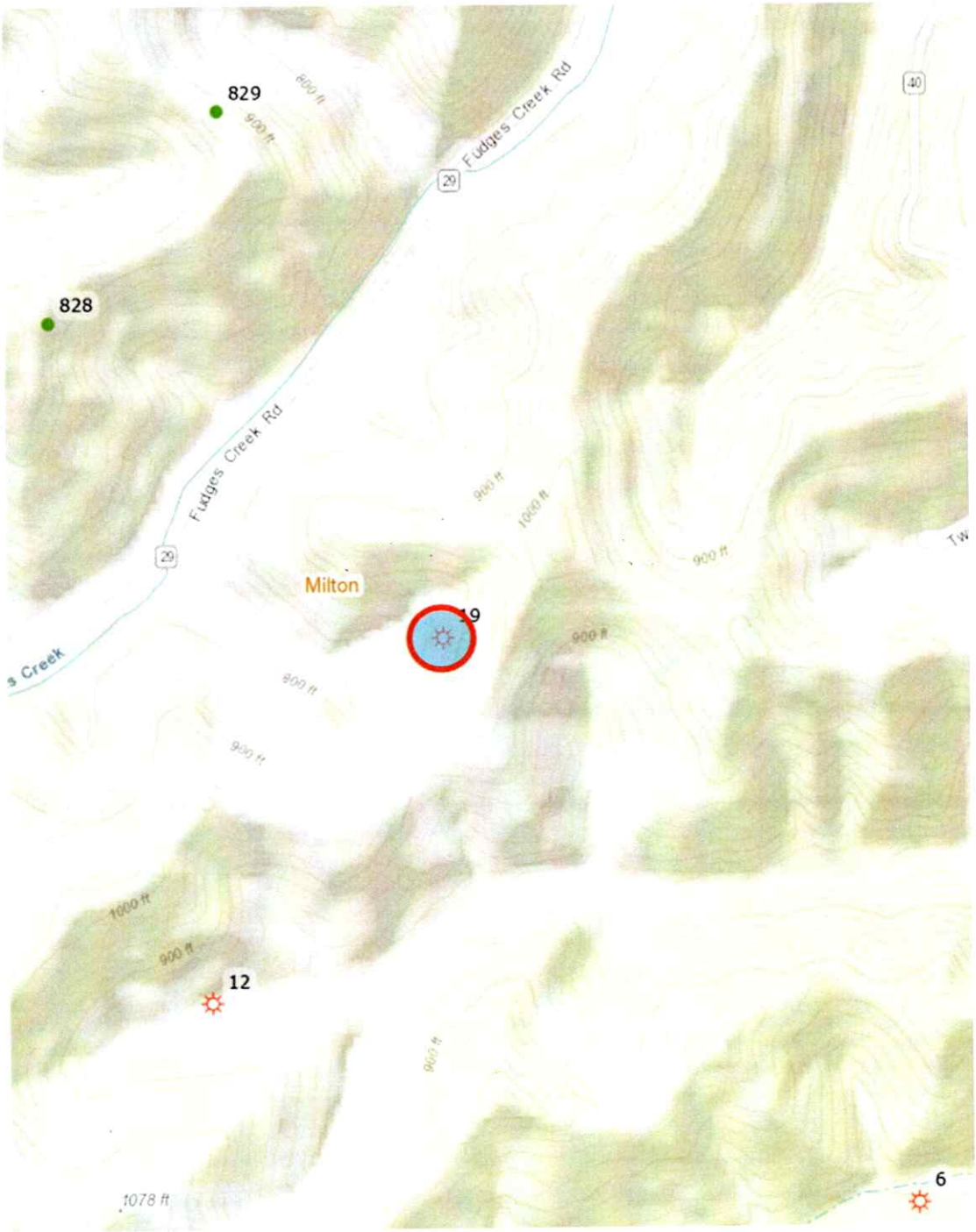
Field Reviewed? (X) Yes ( ) No

10/09/2026

SEP 16 2026

F-16

LOCATION MAP



10/09/2026

WW-7
8-30-06

SEP 16 2026

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

API: 47-011-00019 **WELL NO.:** F-16

FARM NAME: _____

RESPONSIBLE PARTY NAME: Pillar Energy LLC

COUNTY: Cabell **DISTRICT:** Guyandotte

QUADRANGLE: Milton

SURFACE OWNER: Eddie and Debra Dillon

ROYALTY OWNER: _____

UTM GPS NORTHING: 4248862.685

UTM GPS EASTING: 397168.505 **GPS ELEVATION:** 829

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	8-25-26
	Title	Date

10/09/2026