



---

west virginia department of environmental protection

---

Office of Oil and Gas  
601 57<sup>th</sup> Street, S.E.  
Charleston, WV 25304  
(304) 926-0450  
fax: (304) 926-0452

Harold D. Ward, Cabinet Secretary  
[www.dep.wv.gov](http://www.dep.wv.gov)

Monday, June 14, 2021  
WELL WORK PLUGGING PERMIT  
Vertical Plugging

PILLAR ENERGY, LLC  
1244 MARTINS BRANCH RD  
CHARLESTON, WV 25312

Re: Permit approval for 3  
47-039-00834-00-00

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.

A blue ink signature of James A. Martin, Chief, is written over a circular stamp.

James A. Martin  
Chief

Operator's Well Number: 3  
Farm Name: JONES, H. C., ETAL  
U.S. WELL NUMBER: 47-039-00834-00-00  
Vertical Plugging  
Date Issued: 6/14/2021

## 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. This well is under a consent order and must be plugged within two years of the date of issuance of this permit.

- 1) Date April 20, 2021
- 2) Operator's  
Well No. Jones 3
- 3) API Well No. 47-039 - 00834

**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 \_\_\_ / Liquid injection \_\_\_ / Waste disposal \_\_\_ /  
(If "Gas, Production  or Underground storage \_\_\_) Deep \_\_\_ / Shallow \_\_\_
- 5) Location: Elevation 784' Watershed Lower Kanawha  
District Poca County Kanawha Quadrangle Romance
- 6) Well Operator Pillar Energy LLC 7) Designated Agent \_\_\_\_\_  
Address 1244 Martins Branch Rd Address \_\_\_\_\_  
Charleston, WV 25312
- 8) Oil and Gas Inspector to be notified 9) Plugging Contractor  
Name Terry Urban Name To be determined  
Address PO Box 1207 Address \_\_\_\_\_  
Clendenin, WV 25045

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

See attached procedure.

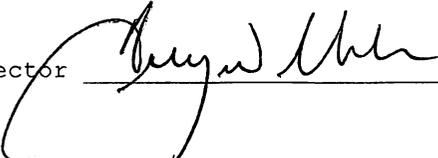
*Operator to cover with Cement  
All parts of production including Elevation  
SALT, Coal, freshwater*

RECEIVED  
Office of Oil and Gas

MAY 10 2021

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  Date 5-10-21

4703900834P

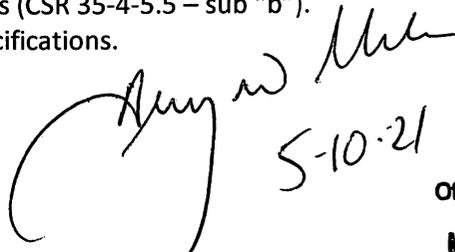
Jones 3  
API# 47-039-00834  
Elevation: 784' GL  
Latitude/Longitude: 38.567037 / -81.558693

Jones 3 Well Data (Drilled 10/1941)

Casing: 10-3/4" Conductor Csg @ 41'GL  
~~8-5/8" Surface Csg @ 695' GL~~ – POOH after setting 7"  
7" Production Csg @ 1616' GL – Tacked in w/ 10 sks cement (bailed)  
2-3/8" Production Tbg w/ rods & pump @ 1695' GL  
TD: 1697'  
Latch Down: N/A  
Perforations: Open Hole F/ 1616' – T/ 1697'  
Coal: N/A  
Fresh Water Shows: 170'  
Salt Water Shows: 1205'-12'  
Gas/Oil Shows: 525', 1649'-55', & 1672'-83'

Jones 3 Procedure:

1. Notify State Inspector, Terry Urban – (304)-549-5915 - [Terry.W.Urban@wv.gov](mailto:Terry.W.Urban@wv.gov) 24 hours prior to commencing operations.
2. Prep Jones 3 location.
3. MIRU service rig, steel pits, and other ancillary equipment.
4. TOOH w/ rods & tbg.
5. Perform csg Freepoint test on 7".
6. RIH w/ work string to 50-75' below 7" csg depth.
7. Pump 5 BBI 6% gel.
8. Set 150' cement plug F/ 1650' T/ 1500'. (Csg shoe @ 1616').
9. TOOH to 1000', WOC 8 hrs, RIH & tag plug, add cement if needed.
10. Circulate 6% gel from TOC to surface.
11. 7" 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. Cement plugs will be tagged 8 hrs after pumping, with 6% gel spotted between each plug.
  - a. 100' plug across from casing rip, 50' below and 50' above rip.
  - b. 150' plug F/ 1250' – T/ 1100'. Perforations required at 1250' if 7" csg is still present.
  - c. 100' plug F/ 800' – T/ 700'. Perforations required at 800' if 7" csg is still present.
  - d. 100' plug F/ 550' – T/ 450'. Perforations required at 550' if 7" csg is still present.
  - e. 200' surface plug F/ 200' – T/ surface. Perforations required at 200' if 7" csg is still present.
12. Erect a monument to WV DEP specifications (CSR 35-4-5.5 – sub "b").
13. Reclaim location and roads to WV DEP Specifications.

  
5-10-21

RECEIVED  
Office of Oil and Gas

MAY 10 2021

WV Department of  
Environmental Protection

06/18/2021

4703900834P

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION  
WELL RECORD

Permit No. Kan-834

Oil or Gas Well Oil

|   |                                    |                   |                  |              |                |
|---|------------------------------------|-------------------|------------------|--------------|----------------|
| Company   | Columbian Carbon Company           | Casing and Taping | Used in Drilling | Left in Well | Packers        |
| Address   | Box 1210, Charleston, W. Va.       | Size              |                  |              |                |
| Farm  | Homer C. Jones, et al Acres 27 1/2 | 10                |                  |              | Kind of Packer |
| Location (waters)                                     | Potomac River                      | 12                |                  |              | No Packer      |
| Well No.  | 3 (GW-199) Elev. 784.0 DF          | 10 3/4"           | 1119'            | 1119'        | Size of        |
| District  | Poca County Kanawha                | 8x-5/8"           | 695'0"           | Pulled       | Depth set      |
| The surface of tract is owned in fee by Cara Burdette |                                    | 4x-7"             | 1616'5"          | 1616'5"      | Perf. top      |
| Address Sissonville, W. Va.                           |                                    | 5 3/16"           |                  |              | Perf. bottom   |
| Mineral rights are owned by Homer C. Jones, et al     |                                    | 1                 |                  |              | Perf. top      |
| Address Sissonville, W. Va.                           |                                    | 2                 |                  |              | Perf. bottom   |
| Drilling commenced                                    | 8-15-11                            | 3 1/2"            | 1708' 1/4"       | 1708' 1/4"   | Perf. bottom   |
| Drilling completed                                    | 9-20-11                            |                   |                  |              |                |
| Date Shot   | 9-22-11 From To                    |                   |                  |              |                |
| With  | 1500 Gallons Acid                  |                   |                  |              |                |
| Open Flow   | 10ths Water in                     |                   |                  |              |                |
|   | 10ths Merc. in                     |                   |                  |              |                |
| Volume  |                                    |                   |                  |              |                |
| Rock Pressure   | lb                                 |                   |                  |              |                |
| Oil   | 110 Bbls. in 5 Hrs.                |                   |                  |              |                |
| Fresh water   | 170' 1-1/2-10" Blr. per Hr.        |                   |                  |              |                |
| Salt water  | 1205' Show; 1212' Hole Full        |                   |                  |              |                |

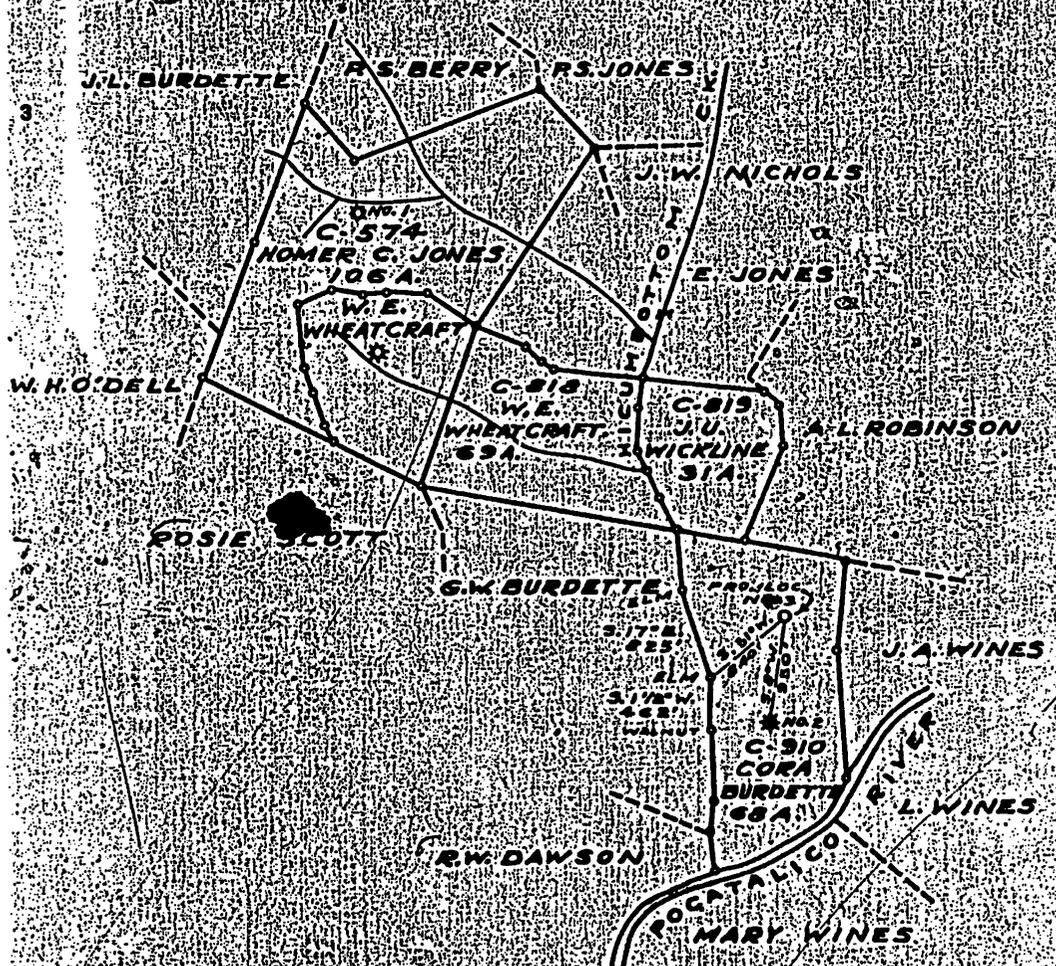
| CASING CEMENTED         | SIZE | No. Ft. | Date |
|-------------------------|------|---------|------|
| See Reverse Side        |      |         |      |
| COAL WAS ENCOUNTERED AT | FEET | INCHES  |      |
|                         | FEET | INCHES  | FEET |
|                         | FEET | INCHES  | FEET |

| Formation      | Color | Hard or Soft | Top  | Bottom | Oil, Gas or Water | Depth Found | Remarks                                      |
|----------------|-------|--------------|------|--------|-------------------|-------------|--|
| Clay           |       |              | 0    | 20     |                   |             |  |
| Slate          |       |              | 20   | 50     |                   |             |  |
| Red Rock       |       |              | 50   | 60     |                   |             |  |
| Lime           |       |              | 60   | 70     |                   |             |  |
| Slate          |       |              | 70   | 138    |                   |             |  |
| Sand           |       |              | 138  | 180    | Fresh Water       | 190'        | 1 1/2 - 10" Blr/Hr                           |
| Red Rock       |       |              | 180  | 190    |                   |             |  |
| Slate          |       |              | 190  | 210    |                   |             |  |
| Red Rock       |       |              | 210  | 289    |                   |             |  |
| Slate          |       |              | 289  | 309    |                   |             |  |
| Red Rock       |       |              | 309  | 334    |                   |             |  |
| Slate          |       |              | 334  | 375    |                   |             |  |
| Red Rock       |       |              | 375  | 420    |                   |             |  |
| Slate          |       |              | 420  | 512    |                   |             |  |
| Sand           |       |              | 512  | 510    | Oil               | 525'        | Show   |
| Slate & Shells |       |              | 510  | 603    |                   |             | RECEIVED<br>Office of Oil and Gas            |
| Sand           |       |              | 603  | 710    |                   |             | MAY 10 2021                                  |
| Slate & Shells |       |              | 710  | 754    |                   |             | WV Department of<br>Environmental Protection |
| Sand           |       |              | 754  | 795    |                   |             |  |
| Slate & Shells |       |              | 795  | 821    |                   |             |  |
| Sand           |       |              | 821  | 895    |                   |             |  |
| Slate          |       |              | 895  | 920    |                   |             |  |
| Sand           |       |              | 920  | 1015   |                   |             |  |
| Slate & Shells |       |              | 1015 | 1118   |                   |             |  |
| Salt Sand      |       |              | 1118 | 1144   | Salt Water        | 1205'       | Show   |
| Slate          |       |              | 1144 | 1144   | Salt Water        | 1212'       | Hole Full                                    |
| Marl Sand      |       |              | 1144 | 1535   |                   |             |  |
| Slate          |       |              | 1535 | 1545   |                   |             |  |
| Little Lime    |       |              | 1545 | 1592   |                   |             |  |
| Big Lime       |       |              | 1592 | 1697   | Gas               | 1619-55     | Show   |
|                |       |              |      |        | Gas               | 1672-83     | Show   |
| TOTAL DEPTH    |       |              |      | 1697'  | OIL PAY:          | 1671-1683   |  |

06/18/2021

Latitude 38° 35'

Longitude 78° 30'



- New Location
- Drill Deeper
- Abandonment

LOCATION 1/8 M. N.E. OF CARNEY

Company **COLUMBIAN** N<sup>o</sup> **CO**  
 Address **BOX 1240-CW E T N-W, A**  
 Farm **HOMER C JONE ETAL**  
 Tract \_\_\_\_\_ Acres **274** Lease No. **1-1**  
 Well (Farm) No. **3** Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) **7** **77**  
 Quadrangle **KENNA S.E.** **7**  
 County **KANAWHA** Distric **POCA**  
 Engineer \_\_\_\_\_  
 Engineer's Registration No. **72**  
 File No. \_\_\_\_\_ Drawing No. **297-A**  
 Date **7-2-41** Scale **1" = 1/320'**

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON

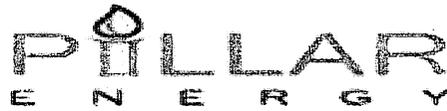
**WELL LOCATION MAP**  
 FILE NO. **KAN-834**

- + Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.
- Denotes one inch spaces on border line of original tracing.

06/18/2021



4703900834P



WELLBORE SCHEMATIC

Well Information:

|                      |            |                        |                   |
|----------------------|------------|------------------------|-------------------|
| Well Name:           | Jones 3    | Company / Partnership: | Pillar Energy LLC |
| County / State:      | Kanawha/WV | API Number:            | 47-039-00834      |
| District / Township: | Poca       | AFE Number:            |                   |
| Target:              | Big Lime   | Cost Center:           |                   |
| Lat:                 | 38.567037  | Pool Code              |                   |
| Long:                | -81.558693 | DTD / LTD:             | 1697              |

| Surveys | Hole Size | Formations                            | Depths (KB) | SPUD DATE:<br>TD DATE: | 10/29/1941<br>11/21/1941 | Casings | Cement | Shows   |
|---------|-----------|---------------------------------------|-------------|------------------------|--------------------------|---------|--------|---|
|         |           |                                       |             | Elevation: 784'        |                          |         |        |   |
|         |           | FW show @ 170'                        |             |                        |                          |         |        |   |
|         |           | Gas/Oil show @ 525'                   |             |                        |                          |         |        |   |
|         |           | SW shows @ 1205'-12'                  |             |                        |                          |         |        | 8-5/8" originally @ 695', but pulled out after 7" ran<br>No Record of Cementing |
|         |           | Big Lime @ 1592'                      |             |                        |                          |         |        | 7" Intermediate set @ 1616' GL<br>Bail cemented w/ 10 sks                       |
|         |           | Gas/Oil shows @ 1649'-55' & 1672'-83' |             |                        |                          |         |        | 2-3/8 prod. tbg @ 1695' GL  |
|         |           |                                       |             |                        |                          |         |        | TD @ 1697'  |

Completion Information

|                          |                      |          |  |                  |     |           |  |
|--------------------------|----------------------|----------|--|------------------|-----|-----------|--|
| Target:                  |                      | Big Lime |  | Completion Date: |     | 9/22/1941 |  |
| Top Perforation (ft):    | Frac Type/Fluid:     | Acidized |  | Breakdown:       | psi |           |  |
| Bottom Perforation (ft): | Foam Quality:        |          |  | Pre-ISIP:        | psi |           |  |
| No. of Shots:            | BD Acid Volume:      |          |  | MTP:             | psi |           |  |
| Charge (gram):           | Treatment Volume:    | 1,500    |  | ATP:             | psi |           |  |
| Perf Diameter:           | Sand mesh size:      |          |  | ISIP:            | psi |           |  |
| Penetration:             | Sand Volume:         |          |  | 5-min SIP        | psi |           |  |
| Phasing:                 | Ave. Treatment Rate: |          |  | 10-min SIP       | psi |           |  |

Remarks:

RECEIVED  
Office of Oil and Gas

MAY 10 2021

06/18/2021  
WV Department of  
Environmental Protection

WW-4A  
Revised 6-07

1) Date: 04/20/2021  
2) Operator's Well Number  
Jones 3  
3) API Well No.: 47 - 039 - 00834

**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 <u>Larry G. Burdette</u> | Name <u>N/A</u>                    |
| Address <u>7001 Walnut Dr.</u>    | Address _____                      |
| <u>Sissonville, WV 25320</u>      | _____                              |
| (b) Name _____                    | (b) Coal Owner(s) with Declaration |
| Address _____                     | Name _____                         |
| _____                             | Address _____                      |
| (c) Name _____                    | Name _____                         |
| Address _____                     | Address _____                      |
| _____                             | _____                              |
| 6) Inspector <u>Terry Urban</u>   | (c) Coal Lessee with Declaration   |
| Address <u>PO Box 1207</u>        | Name _____                         |
| <u>Clendenin, WV 25045</u>        | Address _____                      |
| Telephone <u>304-549-5915</u>     | _____                              |

**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.

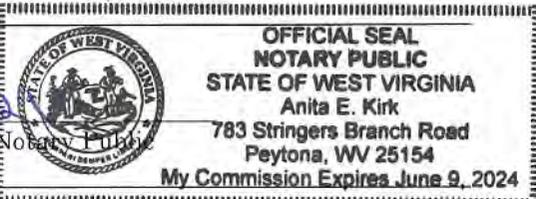
RECEIVED  
Office of Oil and Gas

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

MAY 10 2021

WV Department of  
Environmental Protection

Subscribed and sworn before me this 26 day of April 2021  
 My Commission Expires June 9, 2024



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](mailto:depprivacyofficer@wv.gov).

4703900834P

Jones 3

4703900834

7020 1810 0001 0462 5375

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

For delivery information, visit our website at [www.usps.com](http://www.usps.com)®

**OFFICIAL USE**

|   |          |
|---|----------|
| Certified Mail Fee  | \$ 3.60  |
| Extra Services & Fees (check box, add fee as appropriate)     |          |
| <input checked="" type="checkbox"/> Return Receipt (hardcopy) | \$ 2.85  |
| <input type="checkbox"/> Return Receipt (electronic)          | \$ _____ |
| <input type="checkbox"/> Certified Mail Restricted Delivery   | \$ _____ |
| <input type="checkbox"/> Adult Signature Required             | \$ _____ |
| <input type="checkbox"/> Adult Signature Restricted Delivery  | \$ _____ |
| Postage   | \$ 1.40  |
| Total Postage and Fees  | \$ 7.85  |

CHARLESTON WV SISSONVILLE BRANCH  
 Postmark Here  
 APR 26 2021

Larry G Burdette  
 7001 Walnut Dr  
 Sissonville WV 25320

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

RECEIVED  
Office of Oil and Gas

MAY 10 2021

WV Department of  
Environmental Protection

06/18/2021

4703900834P

WW-9  
(5/16)

API Number 47 - 039 - 00834  
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 Romance

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: JW

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 No pit to be built, Any well effluent will be contained in tanks and properly disposed offsite)

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. At discretion of contractor.

-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

RECEIVED  
Office of Oil and Gas

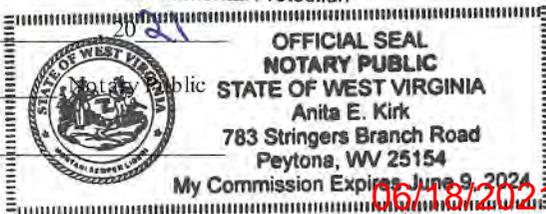
MAY 10 2021

WV Department of  
Environmental Protection

Subscribed and sworn before me this 26 day of April

Anita E. Kirk

My commission expires June 9, 2024



Proposed Revegetation Treatment: Acres Disturbed 2.00 Prevegetation pH 6.5

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 2 Tons/acre

Seed Mixtures

| Temporary          |          | Permanent          |          |
|--------------------|----------|--------------------|----------|
| Seed Type          | lbs/acre | Seed Type          | lbs/acre |
| Orchard Grass      | 25       | Orchard Grass      | 25       |
| Birdsfoot Treefoil | 15       | Birdsfoot Treefoil | 15       |
| Ladino Clover      | 10       | Ladino Clover      | 10       |

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: \_\_\_\_\_

RECEIVED  
Office of Oil and Gas

MAY 10 2021

WV Department of  
Environmental Protection

Title: Inspect Oil & Gas

Date: 5-10-21

Field Reviewed?  Yes  No

N/A

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

Operator Name: Pillar Energy LLC  
Watershed (HUC 10): \_\_\_\_\_ Quad: Romance  
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.

Closest Water Body: Hicumbottom Run 810'+

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

RECEIVED  
Office of Oil and Gas  
MAY 10 2021  
WV Department of  
Environmental Protection

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

N/A

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: \_\_\_\_\_

RECEIVED  
Office of Oil and Gas

MAY 10 2021

WV Department of  
Environmental Protection

06/18/2021

4703900834P

USGS Map Name: Romance WV Map MRC: 38081E5  
Map Center: N38.56575° W81.55962° Datum: NAD83 Zoom: 4m/pixel



06/18/2021

WW-7  
8-30-06



West Virginia Department of Environmental Protection  
Office of Oil and Gas

**WELL LOCATION FORM: GPS**

API: 47-039-00834 WELL NO.: Jones 3

FARM NAME: Homer C. Jones

RESPONSIBLE PARTY NAME: Trevor L. Schaffer

COUNTY: Kanawha DISTRICT: Poca

QUADRANGLE: Romance

SURFACE OWNER: Larry G. Burdette

ROYALTY OWNER: Multiple (attached)

UTM GPS NORTHING: 4268880

UTM GPS EASTING: 451328.1 GPS ELEVATION: 784'

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 \_\_\_\_

RECEIVED  
Office of Oil and Gas

MAY 10 2021

WV Department of  
Environmental Protection

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.

Trevor L. Schaffer  
Signature

COO  
Title

4/20/2021  
Date

4703900834

# West Virginia Oil and Gas Producer/Operator Return

County: 20 - KANAWHA

District: 24 - POCA

NRA #: 20 - 2416160834

### SCHEDULE 1.

Well / Lease Name: 0000010502 / JONES #3  
 Producer Name: PILLAR ENERGY LLC  
 Address: 1244 MARTINS BRANCH RD  
 DBA, Attn, Agent: KAREN JONES  
 Land Book Acreage: 163

City: CHARLESTON State: WV Zip: 25312  
 Phone: 681-205-8599 EXT 106 Email: karen.jones@pillarenergy.com  
 Lease Acreage: 163 Number of Wells: 1

### SCHEDULE 2.

Production Information Calendar Year 2019

| Well Status | API Number | Initial Prod. Date | Total BBLs | Total MCF | Total Oil Receipts | Total Gas Receipts | W/I Oil Receipts | W/I Gas Receipts | Producing Formation | Prod. Days |
|-------------|------------|--------------------|------------|-----------|--------------------|--------------------|------------------|------------------|---------------------|------------|
| Active      | 00834      | 09/01/1941         | 0          | 0         | 0                  | 0                  | 0                | 0                | BIG LIME            | 365        |
| Totals      |            |                    |            |           | 0                  | 0                  | 0                | 0                |                     |            |

4703900834

## West Virginia Oil and Gas Producer/Operator Return

County: 20 - KANAWHA

District: 24 - POCA

NRA #: 20 - 2416160834

### SCHEDULE 3:

| Owner's Name            | Address  | Code | Interest     | Income |
|-------------------------|--|------|--------------|--------|
| 0000010502 - JONES #3   | 1244 MARTINS BRANCH RD<br>CHARLESTON, WV 25312                             | WI   | 0.8750000000 | 0      |
| BERRY, KATHERINE L      | 6161 ISLA STREET<br>W MELBOURNE, FL 32904                                  | RI   | 0.0026250000 | 0      |
| BLACKSHIRE, GENEVA E    | 33 RIVERMOUNT LANE<br>CHARLESTON, WV 25312                                 | RI   | 0.0114000000 | 0      |
| BLANKENSHIP, VIRGINIA D | PO BOX 2308<br>MYRTLE BEACH, SC 295782308                                  | RI   | 0.0241780000 | 0      |
| BURDETTE, CASTELLA F    | NO ADDRESS<br>SISSONVILLE, WV 25320  | RI   | 0.0022200000 | 0      |
| BURDETTE, FREDA         | 5 UPPER DARTMOUTH AVE<br>CHARLESTON, WV 25301                              | RI   | 0.0007366600 | 0      |
| BURDETTE, LEWIS E       | 8133 SISSONVILLE DRIVE<br>SISSONVILLE, WV 25320                            | RI   | 0.0007366600 | 0      |
| BURDETTE, RONALD J      | 4925 SPENCER ROAD<br>LEROY, WV 25252                                       | RI   | 0.0007366600 | 0      |
| COMER, MABEL            |  | RI   | 0.0022200000 | 0      |
| ERSKINE, RONALD D       | C/O LISA FISHER GUARDIAN<br>1633 FRANKLIN AVE<br>CHARLESTON, WV 25311-2122 | RI   | 0.0008815000 | 0      |
| GILLISPIE, LORENA K     | 2 WALNUT COURT<br>DUNBAR, WV 250641723                                     | RI   | 0.0017630000 | 0      |

4703900834

## West Virginia Oil and Gas Producer/Operator Return

| County: 20 - KANAWHA | District: 24 - POCA   |    | NRA #: 20 - 2416160834 |   |
|----------------------|---|----|------------------------|---|
| GOOD, MARGARET       | BOX 5<br>ADVENT, WV 25231   | RI | 0.0001430000           | 0 |
| HAGUE, THOMAS G      | 7429 CINNAMON DRIVE<br>INDIANAPOLIS, IN 46237                             | RI | 0.0022100000           | 0 |
| HARDING, GLADYS      | 606 SILL AVENUE<br>CUYAHOGA FALLS, OH 44221                               | RI | 0.0001430000           | 0 |
| HOLLAR, YVONNE M     | PO BOX 427<br>HURRICANE, WV 25526   | RI | 0.0001124300           | 0 |
| JACKSON, CHARLES A   | 7 DUNE RIDGE LANE<br>ISLE OF PALMS, SC 29451                              | RI | 0.0022500000           | 0 |
| JACKSON, JAMES A     | 2025 HUBER ROAD<br>CHARLESTON, WV 25314                                   | RI | 0.0005630000           | 0 |
| JACKSON, JOHN D      | 8677 SYLVAN DRIVE<br>MELBOURNE, FL 32904                                  | RI | 0.0042220000           | 0 |
| JACKSON, LARRY A     | 1614 FIDDLERS MARSH DRIVE<br>MT PLEASANT, SC 29464                        | RI | 0.0005630000           | 0 |
| JONES, CHARLES W     | 1036 RED OAK STREET<br>CHARLESTON, WV 25302                               | RI | 0.0026250200           | 0 |
| JONES, ERNIE E       | DEWAYNE H JONES EXEC<br>,   | RI | 0.0023580000           | 0 |
| JONES, MARIE B       | 710 JEFFERSON ROAD<br>SOUTH CHARLESTON, WV 25309                          | RI | 0.0241780000           | 0 |
| JONES, ROBERT L      | 5400 BIG TYLER RD<br>VILLAGE HILL BLDG 4 APT 102<br>CROSS LANES, WV 25313 | RI | 0.0026250000           | 0 |

4703900834

### West Virginia Oil and Gas Producer/Operator Return

| County: 20 - KANAWHA | District: 24 - POCA                              |    | NRA #: 20 - 2416160834 |   |
|----------------------|--|----|------------------------|---|
| JOPLIN, THELMA       | 796 DAYTON STREET<br>AKRON, OH 44310             | RI | 0.0001430000           | 0 |
| MAGAW, REX R         | RT 2 BOX 112<br>HURRICANE, WV 25526              | RI | 0.0011100000           | 0 |
| MAGAW, WAYNE R       | 1247 CONIFER COVE LANE<br>WEBSTER, NY 14580      | RI | 0.0011100000           | 0 |
| MATHEWS, IRENE       | 6161 ISLA STREET<br>W MELBOURNE, FL 32904        | RI | 0.0026250000           | 0 |
| MCLAUGHLIN, LORI L   | PO BOX 691261<br>STOCKTON, CA 95269              | RI | 0.0023580000           | 0 |
| MOLES, JAMES E       | PO BOX 23<br>POCA, WV 25159                      | RI | 0.0001124300           | 0 |
| MOLES, ROBERT H      | 3500 WASHINGTON ST W<br>CHARLESTON, WV 25387     | RI | 0.0001124300           | 0 |
| MOLES, STEPHEN       | 1347 PLEASANTDALE RD<br>KINGWOOD, WV 26537       | RI | 0.0001124300           | 0 |
| MOLES, VIRGINIA E    | 502 SILVER OAKS DR<br>NITRO, WV 25143            | RI | 0.0001124300           | 0 |
| MYERS, ELMER         | BOX 170<br>CICERONE RT<br>SISSONVILLE, WV 25320  | RI | 0.0001430000           | 0 |
| MYERS, JAMES         | BOX 189A<br>CICERONE RT<br>SISSONVILLE, WV 25320 | RI | 0.0001430000           | 0 |
| MYERS, KAYLA         |  | RI | 0.0001440000           | 0 |

4703900834

## West Virginia Oil and Gas Producer/Operator Return

| County: 20 - KANAWHA | District: 24 - POCA                             | NRA #: 20 - 2416160834 |              |   |
|----------------------|---|------------------------|--------------|---|
| MYERS, KERMIT        | 400 BUNDY AVE<br>EAST CANTON, OH 44730          | RI                     | 0.0001430000 | 0 |
| MYERS, MARY          | 629 TWP ROAD BOX 150<br>SULLIVAN, OH 44880      | RI                     | 0.0001430000 | 0 |
| MYERS, RANDY         |   | RI                     | 0.0001430000 | 0 |
| MYERS, ROGER         | BOX 82B<br>LOONEYVILLE, WV 25259                | RI                     | 0.0001430000 | 0 |
| MYERS, WORTHY        | 207 MAPLE STREET N<br>RIPLEY, WV 25271          | RI                     | 0.0001430000 | 0 |
| NICHOLS, ALVIN K     | 1794 FOX LAKE ROAD<br>ORVILLE, OH 44667         | RI                     | 0.0002630000 | 0 |
| NICHOLS, BRUCE D     | 124 S MAIN STREET<br>RITTMAN, OH 44270          | RI                     | 0.0002630000 | 0 |
| NICHOLS, CARL R      |   | RI                     | 0.0002630000 | 0 |
| NICHOLS, MARK S      |   | RI                     | 0.0002630000 | 0 |
| NICHOLS, SHADY F     | 140 STERLING STREET<br>CRESTON, OH 44217        | RI                     | 0.0002630000 | 0 |
| PAINTER, PHYLLIS     | 20 HORSESHOE BEND ROAD<br>CHARLESTON, WV 25320  | RI                     | 0.0015740000 | 0 |
| PIOGGIA, KALYSTA T   | 5400 BIG TYLER RD 2201<br>CROSS LANES, WV 25313 | RI                     | 0.0001124300 | 0 |

4703900834

### West Virginia Oil and Gas Producer/Operator Return

| County: 20 - KANAWHA  | District: 24 - POCA  | NRA #: 20 - 2416160834 |              |   |
|-----------------------|--|------------------------|--------------|---|
| PLEVA, JEANETTE M     | PO BOX 137<br>TAD, WV 25201                                    | RI                     | 0.0008994200 | 0 |
| PORTER, MARIE         |  | RI                     | 0.0022200000 | 0 |
| SKAGGS, VELMA         | 446 WESTMORELAND DRIVE<br>STEPHENS CITY, VA 226552558          | RI                     | 0.0022200000 | 0 |
| SMITH, KATHERYN A     |  | RI                     | 0.0002630000 | 0 |
| SOULSBY, NELLE E      | C/O DAVID SOULSBY<br>138 LESLIE PLACE<br>SCOTT DEPOT, WV 25560 | RI                     | 0.0008815000 | 0 |
| WHEATCRAFT, BARRY     | 113 ACORN DRIVE<br>CHARLESTON, WV 25312                        | RI                     | 0.0015740000 | 0 |
| WHEELHOUSE, CAROLYN D | 1000 EVEREST STREET<br>CLERMONT, FL 34711                      | RI                     | 0.0155100000 | 0 |
| Totals:               |  |                        | 1.0000000000 | 0 |