



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

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

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

Re: Permit approval for A-10
47-039-00954-00-00

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.

James A. Martin
Chief

Operator's Well Number: A-10
Farm Name: JONES, H. C., ETAL
U.S. WELL NUMBER: 47-039-00954-00-00
Vertical Plugging
Date Issued: 6/14/2021

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4703900954P

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.

06/18/2021

1) Date April 20, 2021
2) Operator's
Well No. Jones-A-10
3) API Well No. 47-039 - 00954

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 X / Gas ___ / Liquid injection ___ / Waste disposal ___ /
(If "Gas, Production X or Underground storage ___) Deep ___ / Shallow ___

5) Location: Elevation 656.5 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 core with Cement
All perfs, production zones including Elevator
SALT and COAL - Freshwater zones*

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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 *Terry Urban* Date 5-10-21

1170000000

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Environmental Protection

Handwritten signature or initials.

06/18/2021

Jones A-10
 API# 47-039-00954
 Elevation: 656' GL
 Latitude/Longitude: 38.569211, -81.5645

Jones A-10 Well Data (Drilled 08/1942)

Casing: 10-3/4" Conductor Csg @ ~~72' GL~~ POOH to 30' after setting 6"
~~8-5/8" Surface Csg @ 433' GL~~ – POOH after setting 6"
 7" Production Csg @ 1487' GL – Tacked in w/ 10 sks cement (bailed)
 2-3/8" Production Tbg w/ rods & pump @ 1560' GL

TD: 1563'

Perforations: Open Hole F/ 1487' – T/ 1563'

Coal: N/A

Fresh Water Shows: 10', 40'

Salt Water Shows: 1095' & 1117'

Gas/Oil Shows: 1156', 1160', 1525'-27', & 1553'-59'

Jones A-10 Procedure:

1. Notify State Inspector, Terry Urban – (304)-549-5915 - Terry.W.Urban@wv.gov 24 hours prior to commencing operations.
2. Prep Jones A-10 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/ 1550' T/ 1400'. (Csg shoe @ 1487').
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. 200' plug F/ 1200' – T/ 1000'. Perforations required at 1200', 1150', & 1100' if 7" csg is still present.
 - c. 100' plug F/ 700' – T/ 600'. Perforations required at 700' if 7" csg is still present.
 - d. 100' surface plug F/ 100' – T/ surface. Perforations required at 100' & 50' 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.

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 Environmental Protection

[Handwritten Signature]
 5/10/21



WELLBORE SCHEMATIC

Well Information:

Well Name:	Jones A-10	Company / Partnership:	Pillar Energy LLC
County / State:	Kanawha/WV	API Number:	47-039-00954
District / Township:	Poca	AFE Number:	
Target:	Big Lime	Cost Center:	
Lat:	38.569211	Pool Code	
Long:	-81.5645	DTD / LTD:	1563

Surveys	Hole Size	Formations	Depths (KB)	SPUD DATE: 8/6/1942	TD DATE: 8/27/1942	Casings	Cement	Shows
				Elevation: 656'				
		FW shows @ 10', 40'				10-3/4" conductor @ 30' GL		
						8-5/8" originally @ 433', but pulled out after 7" ran No Record of Cementing		
		SW shows @ 1095' SW shows @ 1117' Gas/Oil show @ 1156-60"				7" Intermediate set @ 1487' GL Bail cemented w/ 10 sks		
		Big Lime @ 1468' Gas/Oil show @ 1525' - 27' Gas/Oil show @ 1553' - 59'			TD @ 1561'	2-3/8 prod. tbg @ 1560' GL		

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Completion Information

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

Remarks:

4703900954P

Kenneth S. E.

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



Permit No. Kan-954

Company COLUMBIAN CARBON COMPANY
 Address Box 873, Charleston, W. Va.
 Farm Esmer C. Jones, et al Acres 270
 Location (waters) Hickbottom Crank
 Well No. 10 (67-681) Elev. 656.5 DP
 District Esmer County Fayette
 The surface of tract is owned in fee by Ella Parsons, et vir
 Address Standerville, W. Va.
 Mineral rights are owned by _____
 Address _____
 Drilling commenced 8-6-12
 Drilling completed 8-27-12
 Date Shot _____ From _____ To _____
 With Acidized 8-29-12 with 1500 gal. acid
 Open Flow 10ths Water in _____ Inch
10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock Pressure _____ lbs _____ hrs
 Oil Approx. 25 bbl. after acidizing _____ hrs, 1st 24 hrs
 Fresh water 10: 10: feet _____ feet
 Salt water 1095: 1117: feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
12			
10-3/4"	7217"	3011"	Size of
8-5/8"	13310"	0	
7"	1107'5"	1107'5"	Depth set
5 3/16			
3			Perf. top
2-3/8"	1570'3"	1570'3"	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED 7" size 1187'5" No. Ft. 8-22-12 Date
 Used 10 sacks Superior cement. 18' cement in pipe.
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES

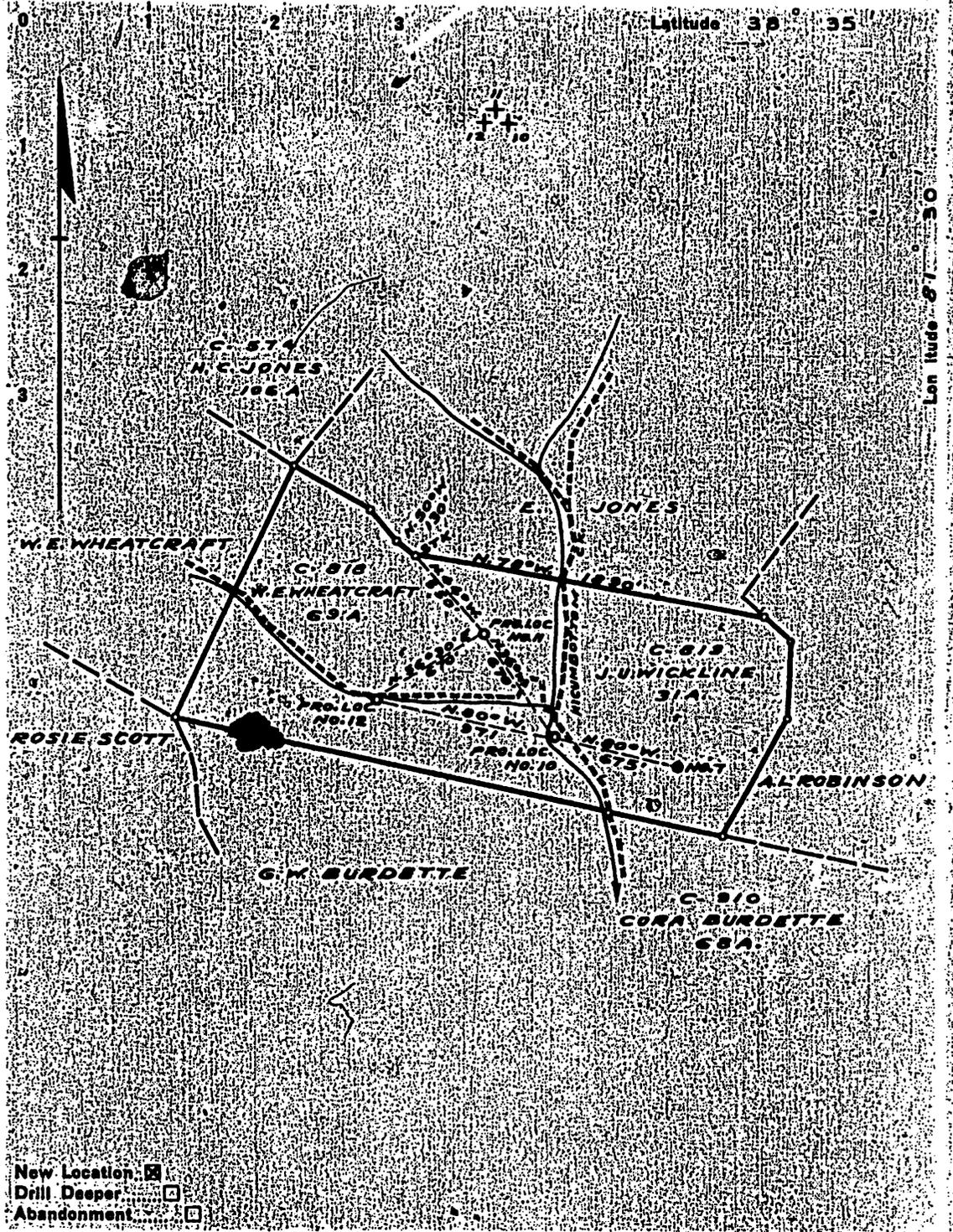
Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand & Gravel			0	21	Fresh Water	10	1 1/2-10" Dirs./hr.
Sand			21	35			
Slate			35	64	Fresh Water	40	Hole Full
Red Rock			64	85			
Sand			85	100			
Red Rock			100	170			
Slate			170	203			
Red Rock			203	250			
Slate Shells			250	265			
Sand			265	285			
Red Rock			285	390			
Slate Shells			390	404			
Lime			404	435			
Sand			435	703			
Slate Shells			703	733			
Sand			733	775			
Slate Shells			775	824			
Sand			824	892			
Slate Shells			892	952			
Sand			952	1017			
Slate Shells			1017	1074			
Salt Sand			1074	1124	Salt Water	1095	
Slate			1124	1156	Salt Water	1117	Hole Full
Little Lime			1129	1158	Gas	1156	Show
Break			1158	1163	Oil	1160	Show
Big Lime			1160	1563 DLM	Gas	1525-27	Show
					Oil Pay	1553-59	
TOTAL DEPTH				1563 DLM			

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 MAY 10 2021
 WV Department of Environmental Protection



[Handwritten Signature]

06/18/2021



- New Location:
- Drill Deeper:
- Abandonment:

Company **COLUMBIAN CA**
 Address **BOX 873 CHARLESTON W.VA**
 Farm **HOMER J ET L**
 Tract _____ Acres **274** Lessee No. _____
 Well (Farm) No. **10-11-12** Serial No. _____
 Elevation (Spirit Level) **10 = 655.3 11 = 809.6**
 Quadrangle **KENNA S.E.**
 County **KAN WHA** District **POC**

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

WELL LOCATION MAP
 FILE NO. **KAN-954-#10**
KAN-955-#11
KAN-956-#12
 + Denotes location of well on United States
 Topographic Maps, scale 1: to 62,500, lat-
 itude and longitude lines being represented

4703900954P

FORM 66-1

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

RECEIVED
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WV Department of Environmental Protection

TO THE DEPARTMENT OF MINES,
Charleston, W. Va.
Messrs C. James & Marie B. James
609 Delaware Ave., Charleston, W. Va.

COLUMBIAN CARBON COMPANY

Delbert C. Jones & Blanche Jones
522 9th St., Huntington, W. Va.

NAME OF WELL OPERATOR
Book 124
Charleston, W. Va.

Cora Berdette & Geo. W. Berdette
Sissonville, W. Va.

COMPLETE ADDRESS
July 22, 1912

COAL OPERATOR OR COAL OWNER
Ezra C. Dewart
712 Park Ave., Charleston, W. Va.

PROPOSED LOCATION
Book District

C. C. Blackshire & Wm. Blackshire
R.F.D. #1 - Box 113, Red House, W. Va.

Essex County

OWNER OF MINERAL RIGHTS
John V. Wickline & Maggie L. Wickline
Sissonville, W. Va.

Well No. 38-3

ADDRESS
(Cont'd on Reverse Side)

Farm
Messrs C. James, et al

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant made dated May 11, 1910 made by Messrs C. James, et al to Columbia Carbon Company and recorded on the 15th day of July, 1910, in the office of the County Clerk for said County in Book 68, page 21.

The enclosed plat was prepared by a competent engineer and shows the proposed location of a well to be drilled for oil and gas by the undersigned well operator on the farm and in the Magisterial District and County above named, determined by survey and courses and distances from two permanent points, or land marks.

The undersigned well operator is informed and believes there are no coal operators operating beds of coal beneath said farm or tract of land on which said well is located, or within 500 feet of the boundaries of the same, who have mapped their workings and filed their maps as required by law, excepting the coal operators or coal owners (if any) above named as addressees.

The above named coal operators or coal owners (if any) are notified that any objections they may desire to make to such proposed location, or which they are required to make by Section 3 of said Code, if the drilling of a well at said proposed location will cause a dangerous condition in or about their respective coal mines, must be received by, or filed with the Department of Mines within 15 days from the receipt of a copy of this notice and accompanying plat by said Department. Said coal operators are further notified that forms for use in making such objections will be furnished to them by the Department of Mines promptly on request and that all such objections must set forth as definitely as is reasonably possible the ground or grounds on which such objections are based and indicate the direction and distance the proposed location should be moved to overcome same.

(The next paragraph is to be completed only in Department's copy.)

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address 68 days before, on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours,

COLUMBIAN CARBON COMPANY
By C. W. Van Fossen, Sup't.

Address of Well Operator
Sissonville, W. Va.

WELL OPERATOR
Book 124
Charleston, West Virginia

If no such objections be filed or be found by the department of mines, within said period of 15 days from the receipt of said notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a drilling permit reciting the filing of such plat, that no objections have been made by the coal operators to the location, or found thereto by the department, and that the same is approved and the well operator authorized to proceed to drill at said location.

06/18/2021

Notices of Court... 316 Wyoming Street
Charleston, W. Va.

Theo. B. Dumber & Anna Mary Dumber
Kenasha Bank & Trust Bldg
Charleston, W. Va.

Wheatle Road & I. N. Road
1211 1/2 Grant Street
Charleston, W. Va.

E. I. Bracing & I. M. Bracing
Siscoville, W. Va.

W. E. Whittcraft
Siscoville, W. Va.

Pa. E. Berry & Alice Berry
Siscoville, W. Va.

Chas. W. Jones & Goldie Jones
107 1/2 Red Oak Street
Charleston, W. Va.

W. H. Parsons & W. H. Parsons
Siscoville, W. Va.

W. H. Parsons & W. H. Parsons
Siscoville, W. Va.

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Siscoville, W. Va.

W. H. Parsons & W. H. Parsons
Siscoville, W. Va.

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELLS

IN THE COUNTY OF MORGAN, WEST VIRGINIA

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OFFICE OF THE COMMISSIONER

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELLS

IN THE COUNTY OF MORGAN, WEST VIRGINIA

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

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IN THE COUNTY OF MORGAN, WEST VIRGINIA

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OFFICE OF THE COMMISSIONER

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELLS

OIL AND GAS DIVISION
DEPARTMENT OF MINES
STATE OF WEST VIRGINIA

WW-4A
Revised 6-07

1) Date: 04/20/2021
2) Operator's Well Number
Jones A-10
3) API Well No.: 47 - 039 - 00954

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

4) Surface Owner(s) to be served: (a) Name Slater, Jeffery A. ✓ Address 627 Hicumbottom Run Rd. Charleston, WV 25320 (b) Name Address (c) Name Address
5) (a) Coal Operator Name N/A Address (b) Coal Owner(s) with Declaration Name Address (c) Coal Lessee with Declaration Name Address
6) Inspector Terry Urban Address PO Box 1207 Clendenin, WV 25045 Telephone 304-549-5915

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.

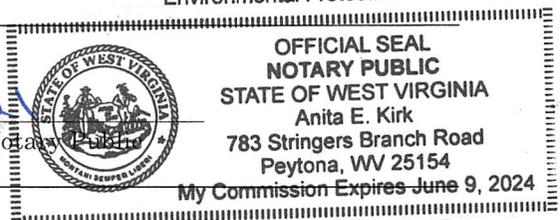
The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses side. However, you are not required to take any action at all.

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 [Signature]
Its: President
Address 1244 Martins Branch Rd
Charleston, WV 25312
Telephone 681-205-8599

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

Subscribed and sworn before me this 23 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.

418 3000 244

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Office of Oil and Gas

MAY 10 2021

WV Department of
Environmental Protection

OFFICIAL SEAL
 NOTARY PUBLIC
 STATE OF WEST VIRGINIA
 ADA E KIRK
 783 Stingers Branch Road
 Peyton, WV 26154
 My Commission Expires June 9, 2024



06/18/2021

4703900954P

Jones A-10

4703900954

5405 2940 1000 01PT 0202

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 \$ 3.60	
Extra Services & Fees (check box, add fee as appropriate)	
<input checked="" type="checkbox"/> Return Receipt (hardcopy) \$ 2.35	
<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	
Jeffrey A Slater 627 Hicumbottom Rud Rd Charleston WV 25320	
PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions	

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MAY 10 2021

WV Department of
Environmental Protection

06/18/2021

WW-9
(5/16)

4703900954P

API Number 47 - 039 - 00954
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: AW

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

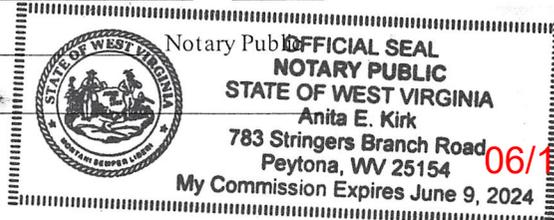
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Office of Oil and Gas

MAY 10 2021

WV Department of
Environmental Protection

Subscribed and sworn before me this 23 day of April, 2021

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
Orchard Grass	25
Birdsfoot Treefoil	15
Ladino Clover	10

Seed Type	lbs/acre
Orchard Grass	25
Birdsfoot Treefoil	15
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: _____

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Office of Oil and Gas

MAY 10 2021

WV Department of
Environmental Protection

Title: Inspector 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 LLCWatershed (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 628'+

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

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

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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: _____

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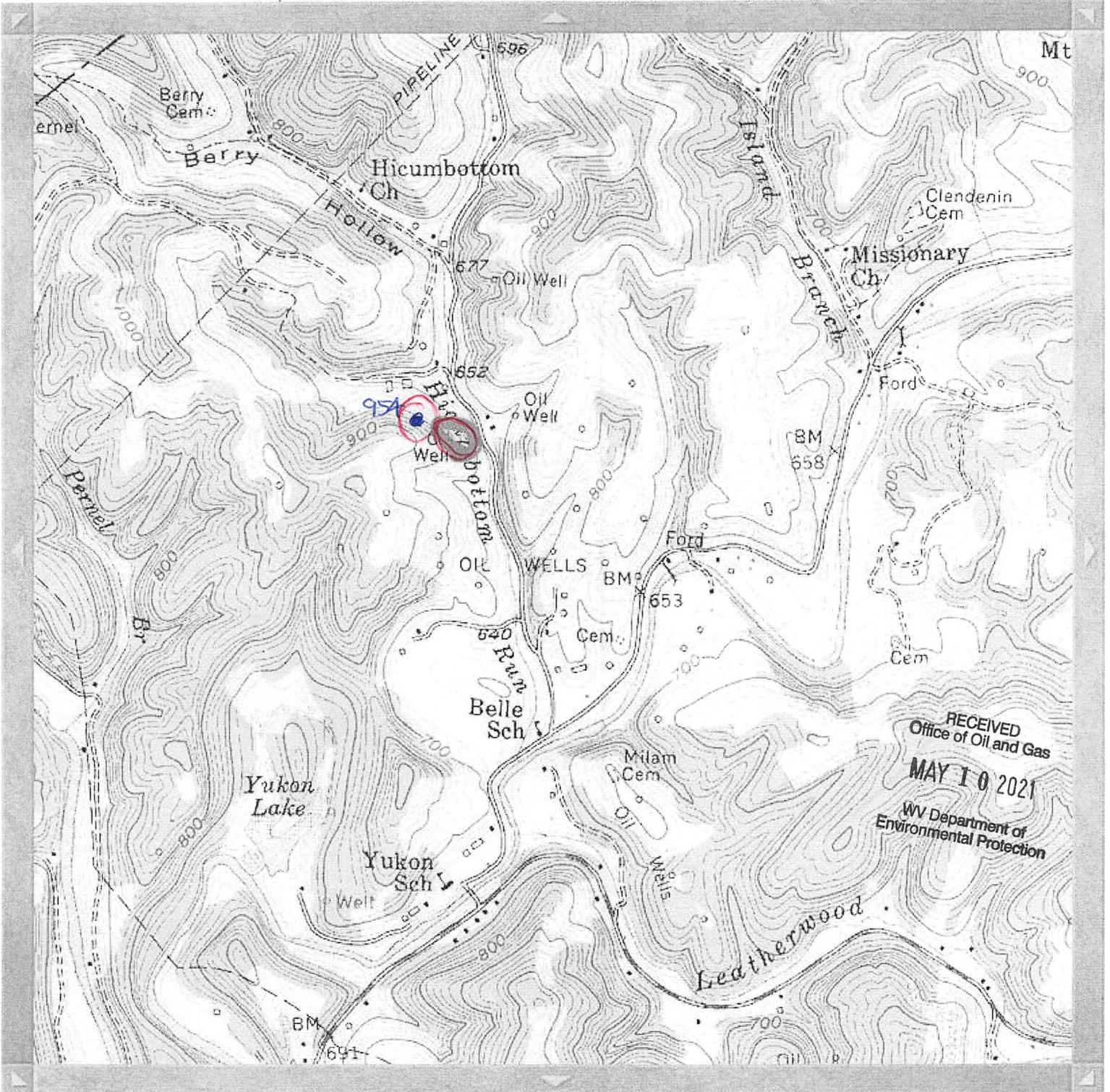
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USGS Map Name: Romance, WV Map MRC: 38081E5
Map Center: N38.56575° W81.55962° Datum: NAD83 Zoom: 4m/pixel



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WW-7
8-30-06



West Virginia Department of Environmental Protection
Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 47-039-00954 WELL NO.: Jones A-10

FARM NAME: Homer C. Jones

RESPONSIBLE PARTY NAME: Trevor L. Schaffer

COUNTY: Kanawha DISTRICT: Poca

QUADRANGLE: Romance

SURFACE OWNER: Slater, Jeffery A.

ROYALTY OWNER: Multiple (attached)

UTM GPS NORTHING: 4269123.30

UTM GPS EASTING: 450824.00 GPS ELEVATION: 656.50

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 ____

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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

06/18/2021

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West Virginia Oil and Gas Producer/Operator Return

County: 20 - KANAWHA

District: 24 - POCA

NRA #: 20 - 2416160834

SCHEDULE 1.

Well / Lease Name: 0000010502 / JONES ~~78~~ A-10
 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		

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

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

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MYERS, KERMIT	400 BUNDY AVE EAST CANTON, OH 44730	RI 0.0001430000 0
MYERS, MARY	629 TWP ROAD BOX 150 SULLIVAN, OH 44880	RI 0.0001430000 0
MYERS, RANDY		RI 0.0001430000 0
MYERS, ROGER	BOX 82B LOONEYVILLE, WV 25259	RI 0.0001430000 0
MYERS, WORTHY	207 MAPLE STREET N RIPLEY, WV 25271	RI 0.0001430000 0
NICHOLS, ALVIN K	1794 FOX LAKE ROAD ORVILLE, OH 44667	RI 0.0002630000 0
NICHOLS, BRUCE D	124 S MAIN STREET 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 CRESTON, OH 44217	RI 0.0002630000 0
PAINTER, PHYLLIS	20 HORSESHOE BEND ROAD CHARLESTON, WV 25320	RI 0.0015740000 0
PIOGGIA, KALYSTA T	5400 BIG TYLER RD 2201 CROSS LANES, WV 25313	RI 0.0001124300 0

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West Virginia Oil and Gas Producer/Operator Return

County: 20 - KANAWHA

District: 24 - POCA

NRA #: 20 - 2416160834

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

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