



west virginia department of environmental protection

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

Harold D. Ward, Cabinet Secretary
www.dep.wv.gov

Thursday, May 19, 2022

WELL WORK PLUGGING PERMIT
Vertical Plugging

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

Re: Permit approval for 3-A
47-039-01935-00-00

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: 3-A
Farm Name: BLUE CREEK GAS CO.
U.S. WELL NUMBER: 47-039-01935-00-00
Vertical Plugging
Date Issued: 5/19/2022

Promoting a healthy environment.

05/20/2022

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.

4703901935P

WW-4B
Rev. 2/01

1) Date March 1, 2022
2) Operator's
Well No. Blue Creek A-3
3) API Well No. 47-029 - 0195

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 ___

5) Location: Elevation 1043' Watershed CampbellsCreek
District Elk County Kanawha Quadrangle Quick

6) Well Operator Pillar Energy LLC 7) Designated Agent Jeff Isner
Address 1244 Martins Branch Rd Address 1244 Martins Branch Rd
Charleston, WV 25312 Charleston, WV 25312

8) Oil and Gas Inspector to be notified Name Terry Urban
Address PO Box 1207
Clendenin, WV 25045
9) Plugging Contractor Name To be determined
Address _____

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

SEE prog page
for Changes

RECEIVED
Office of Oil and Gas

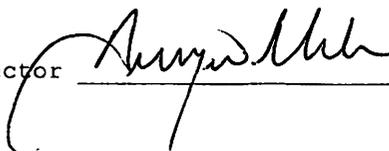
MAR 21 2022

RECEIVED WV Department of
Office of Oil and Gas Environmental Protection

MAR 20 2022

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 3-17-22

05/20/2022

Blue Creek A-3
 API# 47-039-01935
 Elevation: 1043' GL
 Latitude/Longitude: 38.34639, -81.392643

Blue Creek A-3 Well Data (Drilled 02/1963)

Casing: 8-5/8" Surface Csg @ 425' GL
 7" Production Csg @ 1480' GL - Pulled out of hole after setting 4-1/2"
 4-1/2" Production Csg @ 1926' GL
 TD: → 1993' 1926'
 Perforations: F/ 1865' - T/ 1881'; F/ 1780' - T/ 1788'
 Coal: 184-188', 368-371', and 398-400'
 Fresh Water Shows: 243', and 367'
 Salt Water Shows: 1005-1050'
 Gas/Oil Shows: 1762-1782', and 1858-1871'

Blue Creek A-3 Procedure:

1. Notify State Inspector, Terry Urban - (304)-549-5915 - Terry.W.Urban@wv.gov 24 hours prior to commencing operations.
2. Prep Blue Creek A-3 location.
3. MIRU service rig, steel pits, and other ancillary equipment.
4. RIH w/ work string to 1850'.
5. Pump 5 BBI 6% gel. - 20 BBL = to 200lbs for 6% gel - 60 to TD
6. Set 200' cement plug F/ 1850' T/ 1650'. (Csg shoe @ 1926').
7. TOOH to 1000', WOC 8 hrs, RIH & tag plug, add cement if needed.
8. Circulate 6% gel from TOC to surface.
9. 4-1/2" 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. 6% gel will be spotted between each plug.
 - a. 100' plug across from casing rip; 50' below and 50' above rip.
 - b. 200' plug F/ 1100' - T/ 900'. Csg ripped or perforated at 1100' if 4-1/2" csg is still present. Saltwater Show on Schematic - 1005 to 1298 ft
10. Attempt to POOH w/ 8-5/8" csg. Cover with Cement
11. 8-5/8" 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. 6% gel will be spotted between each plug.
 - a. 175' plug F/ 475' - T/ 300' (Casing shoe @ 425').
 - b. 250' plug F/ 250' - T/ surface'
12. Erect a monument to WV DEP specifications (CSR 35-4-5.5 - sub "b").
13. Reclaim location and roads to WV DEP Specifications.

Operator to Cover with Cement All Oil & Gas Formations including Salt, Coal, and Freshwater

*Angus White
 3.17.22*

RECEIVED
 Office of Oil and Gas

RECEIVED
 MAR 21 2022
 Office of Oil and Gas
 WV Department of Environmental Protection
 MAR 20 2022

WV Department of Environmental Protection

05/20/2022



4703901935P

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 17

Quadrangle Clendenin S.W.

Permit No. KAN-1935

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company Blue Creek Gas Company
Address P. O. Box 6357, Charleston, W. Va.
Farm Blue Creek Coal & Land Co., Acres 2,329
Location (waters) Whiteoak Fork
Well No. 3-A Elev. 1043.16
District Elk County Kanawha
The surface of tract is owned in fee by Union Carbide Chemical Co., Address So. Charleston, W. Va.
Mineral rights are owned by same
Address _____
Drilling commenced January 23, 1963
Drilling completed February 28, 1963
Date Shot _____ From _____ To _____
With _____
Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED _____
WELL FRACTURED March 13, 1963 by Dowell

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
10			
13			
10			Size of
8 1/2" 8"	425	425	
6 3/4" 7"	1180	-	Depth set
5 3/16" 4 1/2"	1926	1926	
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED 4 1/2" SIZE 1900 No. Ft. 3/6/63 Date

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

RESULT AFTER TREATMENT 3,000 MCF

ROCK PRESSURE AFTER TREATMENT 495# 36 hrs.

Fresh Water _____ Feet Salt Water _____ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface			0	34			
Sand			34	95			
Slate & Shells			95	184			
Coal			184	188			
Slate & Shells			188	247	Water	243	
Sand			247	268			
Slate & Shells			268	368	Water	367	
Coal			368	371			
Slate & Shells			371	398			
Coal			398	400			
Slate & Shells			400	550			
Sand			550	568			
Slate & Shells			568	615			
Sand			615	640			
Slate & Shells			640	735			
Sand			735	900	Gas	750	
Slate			900	922			
Salt Sand			922	1152	Water	1005-1050	
Slate			1152	1170			
Sand			1170	1333			
Lime			1333	1343			
Red Rock			1343	1353			
Lime			1353	1374			
Red Rock			1374	1453			
Slate			1453	1480			
Lime			1480	1495			
Red Lime			1495	1518			
Waxon Sand			1518	1553			
Slate			1553	1565			



(over)

Formation	Color	Hard or Soft	Top 17	Bottom	Oil, Gas or Water	Depth Found	Remarks
Little Lime			1565	1598			
Slate			1598	1601			
Lime			1601	1634			
Pencil Slate			1634	1639			
Big Lime			1639	1772	Gas	1762-1767	
Injun Sand			1772	1797	Gas	1772-1782	
Red Slate			1797	1815			
Slate			1815	1820			
Lime			1820	1858			
Weir Sand			1858	1898	Gas	1858-1871	
Slate & Shells			1898	1954			
Sand			1954	1983			
Lime			1983	1993			
Total Depth				1993			

Date April 11, 1963

APPROVED Blue Creek Gas Company, Owner

By Stanley M. Rubin
Vice-President (Title)

SEP 21 1979

47.03.901935 P

001881

004030

BLUE CREEK GAS CO.

COLUMBIA GAS TRANS. CORP.

W. Va. Department of Mines, Oil & Gas Division
 WELL DETERMINATION FILE NUMBER
 190205-108-039-1935
 Use Above File Number on all Communications
 Relating to Determination of this Well

Classified as Section 108, Stripped well.
[Signature]

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

ITEM NO.

- 1. PMSO-171 Plans not completed - Mine No. _____
- 2. IV-1 - Agency: STANLEY M. RUBIN
- 3. IV-2 - Well Record
- 4. IV-6 - Well Plot
- 5. IV-35 - Well Record Drilling Properties _____
- 6. IV-36 - Gas-Oil Tests Gas Only _____ Gas Oil Production _____ Ratio _____
- 7. IV-39 - Annual Production 23 ^{MO.} _{YRS.}
- 8. IV-40 - 90 Day Production 92 Days off line: _____
- 9. IV-45 - Application for Certification. Completed?
- 10 - 17. IV Form #51 - 52 - 53 - 54 - 55 - (56) - 57 - 58. Complete Affidavit Signed
- 18 - 78. Other: Survey _____ Logs _____ Geological Charts _____ Structure Map _____
 1:4000 Map _____ Well Tabulations _____ Gas Analyses _____
 (5) Date Completed: 1-23-63 Deepened _____
 (5) Production Depth: 735-900, 1639-1772, 1772-1797, 1858-1898
 (5) Production Formation: SAND, Big Lime, INJUN SAND, WEIR SAND
 (5) Final Gas Flow: 3000 MCF
 (5) Final Rock Pressure: 495 #
 (6) Other Gas Tests: _____
 (7) Avg. Daily Gas from Annual Production: 8954/335 26.73 MCF
 (8) Avg. Daily Gas from 90-day endit. w/1-120 days: 2620/92 28.48 MCF
 (8) Line Pressure: 110 # PSIG from Daily Report
 (5) Oil Production: _____ From Completion Report _____
 (10-17) Does lease inventory indicate enhanced recovery being done: NO
 (10-17) Is affidavit signed: Notarized:
 Does official well record with the Department confirm the submitted information: YES
 Additional Information: _____ Does computer program confirm: _____



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

4703901935P
Well turned
into Line 3/19/63

Quadrangle Glendenia S.W.

Permit No. KAN-1935

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company Blue Creek Gas Company
Address P. O. Box 6357, Charleston, W. Va.
Farm Blue Creek Coal & Land Co. Acres 2,329
Location (waters) Whiteoak Fork
Well No. 3-A Elev. 1043.16
District Elk County Kanawha
The surface of tract is owned in fee by Union Carbide
Chemical Co. Address So. Charleston, W. Va.
Mineral rights are owned by sams
Address _____

Drilling commenced January 23, 1963
Drilling completed February 28, 1963
Date Shot _____ From _____ To _____
With _____

Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch

Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.

WELL ACIDIZED _____
WELL FRACTURED March 13, 1963 by Lowell

RESULT AFTER TREATMENT 3,000 MCF
ROCK PRESSURE AFTER TREATMENT 4950 36 hrs.
Fresh Water _____ Feet Salt Water _____ Feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10			Size of
8 3/4" 8"	425	425	
6 3/4" 7"	1480	-	Depth set
5 3/16" 4 1/2"	1900/1926	1900/1926	
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED 4 1/2" SIZE 1900 No. Ft. 3/6/63

COAL WAS ENCOUNTERED AT _____ FEET _____ INC
_____ FEET _____ INCHES _____ FEET _____ INC
_____ FEET _____ INCHES _____ FEET _____ INC

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface			0	34			
Sand			34	95			
Slate & Shells			95	184			
Coal			184	188			
Slate & Shells			188	247	Water	243	
Sand			247	268			
Slate & Shells			268	368	Water	367	
Coal			368	371			
Slate & Shells			371	398			
Coal			398	400			
Slate & Shells			400	550			
Sand			550	568			
Slate & Shells			568	615			
Sand			615	640			
Slate & Shells			640	735			

05/20/2022

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
little Lime			1565	1598			
late			1598	1601			
lime			1601	1634			
encil : late			1634	1639			
ig lime			1639	1772	Gas	1762-1767	
njun Sand			1772	1797	Gas	1772-1782	
ed : late			1797	1815			
late			1815	1820			
lime			1820	1858			
air Sand			1858	1898	Gas	1858-1871	
late & shells			1898	1954			
and			1954	1983			
lime			1983	1993			
total depth				1993			



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

To THE DEPARTMENT OF MINES,
Charleston, W. Va.

*Notified by Blue Creek Gas Co.
Mr. Rubin advised 1-8-63*

Union Carbide Chemical Company
COAL OPERATOR OR COAL OWNER
P. O. Box 8004
South Charleston 3, W. Va.
ADDRESS

Blue Creek Gas Company
NAME OF WELL OPERATOR
P. O. Box 6357, 1706 Pennsylvania Ave.
Charleston, W. Va.
COMPLETE ADDRESS

COAL OPERATOR OR COAL OWNER
ADDRESS

January 7, 19 63
PROPOSED LOCATION

Same as above
OWNER OF MINERAL RIGHTS

Elk District

Kanawha County

Well No. 3-A 38° 25' E 1043.16'

ADDRESS

Blue Creek Coal & Land Co. (2,329 Acres)
2,329 Acres

GENTLEMEN:

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 or lease dated July 5, 1944, made by United Fuel Gas Co., to Joe Rubin & Sons, and recorded on the _____ day of _____, in the office of the County Clerk for said County in Book _____, page _____.

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 ten 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 _____ day _____ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours, BLUE CREEK GAS COMPANY

By: Sam Rubin
WELL OPERATOR

P. O. Box 6357
STREET
Charleston
CITY OR TOWN
West Virginia
STATE

Address of Well Operator }



*Section 3 . . . If no such objections be filed or be found by the department of mines, within said period of ten 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.

4703901935P

WW-4A
Revised 6-07

1) Date: 3/1/2022
2) Operator's Well Number
Blue Creek A-3
3) API Well No.: 47 - 039 - 01935

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>Blue Eagle Land</u>	Name <u>Blue Creek Mining</u>
Address <u>13 Kanawha Blvd W. Ste 200</u>	Address <u>3228 Summit Square Place, Ste 180</u>
<u>Charleston, WV 25302</u>	<u>Lexington, KY 40509</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.



OFFICIAL SEAL
NOTARY PUBLIC
STATE OF WEST VIRGINIA
Anita E. Kirk
783 Stringers Branch Road
Peytona, WV 25154
My Commission Expires June 9, 2024

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

Subscribed and sworn before me this 3rd day of March 2022
Anita E. Kirk Notary Public
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.

05/20/2022

mailed 3/7/22

4703901935P

PILLAR ENERGY
1244 Martins Branch Road
Charleston WV 25312

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

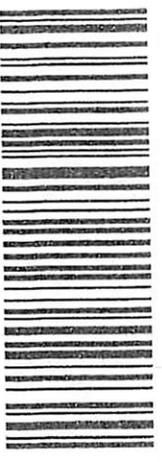
For delivery information, visit our website at www.usps.com

CERTIFIED MAIL

Certified Mail Fee \$ 3.75	Postmark Here
Extra Services & Fees (check box, add fee as appropriate)	
<input checked="" type="checkbox"/> Return Receipt (hardcopy) \$ 3.00	
<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 \$ 1.56	
Total Postage and Fees \$ 8.31	
Sent To Blue Eagle Land Street and Apt. No., or PO Box No. 13 Kanawha Blvd W Ste 200 City, State, ZIP+4® Charleston WV 25302	

PS Form 3800, April 2015 PSN 7530-02-000-9017 See Reverse for Instructions

LET5 2940 T000 019T 020L
LET5 2940 T000 019T 020L



Blue Eagle Land
13 Kanawha Blvd W Ste 200
Charleston, WV
25302

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:
Blue Eagle Land
13 Kanawha Blvd W, Ste 200
Charleston, WV 25302

COMPLETE THIS SECTION ON DELIVERY

- A. Signature Age
- B. Received by (Printed Name) Addl
- 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 Restricted Delivery
- Certified Mail®
- Certified Mail Restricted Delivery
- Collect on Delivery
- Collect on Delivery Restricted Delivery
- Priority Mail Express
- Registered Mail™
- Registered Mail Return Receipt
- Return Receipt for Merchandise
- Signature Confirmation

9590 9402 5478 9249 3406 70



2. Article Number (Transfer from service label)



05/20/2022

SENDER: COMPLETE THIS SECTION

COMPLETE THIS SECTION ON DELIVERY

- Complete Items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:
 Blue Eagle Land
 13 Kanawha Blvd W. Ste 200
 Charleston, WV 25302



9590 9402 5478 9249 3406 70

2. Article Number (Transfer from service label)

7020 1810 0001 0462 5139

A. Signature **9019351**
 x *Relli Hannah* Age Add

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

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

3. Service Type
- Adult Signature Restricted Delivery
 - Certified Mail Restricted Delivery
 - Collect on Delivery Restricted Delivery
 - Registered MailTM
 - Registered Mail F Delivery
 - Return Receipt for Merchandise
 - Signature Confirmation Restricted Delivery

SURFACE OWNER WAIVER

Operator's Well
Number

Blue Creek A-3

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW4-A

The well operator named on page WW-4A is applying for a permit from the State to plug and abandon a well. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.

**NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.
WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:**

Chief, Office of Oil and Gas
Department of Environmental Protection
601 57th St. SE
Charleston, WV 25304
(304) 926-0450

Time Limits and methods for filing comments. The law requires these materials to be served on or before the date the operator files his Application. You have **FIVE (5) DAYS** after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

The Chief has the power to deny or condition a well work permit based on comments on the following grounds:

- 1) The proposed well work will constitute a hazard to the safety of persons.
- 2) The soil erosion and sediment control plan is not adequate or effective;
- 3) Damage would occur to publicly owned lands or resources;
- 4) The proposed well work fails to protect fresh water sources or supplies;
- 5) The applicant has committed a substantial violation of a previous permit or a substantial violation of one or more of the rules promulgated under Chapter 22, and has failed to abate or seek review of the violation..."

If you want a copy of the permit as it is issued or a copy of the order denying the permit, you should request a copy from the Chief.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice and Application For A Permit To Plug And Abandon on Forms WW-4A and WW-4B, and a survey plat.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

FOR EXECUTION BY A NATURAL PERSON
ETC.

FOR EXECUTION BY A CORPORATION,

	Date		Name	
Signature			By	
			Its	

05/20/2022

Signature

Date

4703901935 P

WW-4B

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Office of Oil and Gas

MAY 18 2022

WV Department of
Environmental Protection

API No. 47-039-01935 P

Farm Name _____

Well No. Blue Creek A-3

**INSTRUCTIONS TO COAL OPERATORS
OWNERS AND LESSEE**

The well operator named on the obverse side of WW-4 (B) is about to abandon the well described in the enclosed materials and will commence the work of plugging and abandoning said well on the date the inspector is notified. Which date shall not be less than five days after the day on which this notice and application so mailed is received, or in due course should be received by the Department of Environmental Protection Office of Oil & Gas.

This notice and application is given to you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not the operator will proceed to plug and fill said well in the manner required by Section 24, Article 6, Chapter 22 of the Code and given in detail on obverse side of this application.

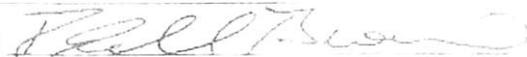
NOTE: If you wish this well to be plugged according to 22-6-24(d) then as per Regulation 35CSR4-13.9 you must complete and return to this office on form OB-16 "Request by Coal Operator, Owner, or Lessee for plugging" prior to the issuance of this plugging permit.

WAIVER

The undersigned coal operator / owner _____ / lessee _____ / of the coal under this well location has examined this proposed plugging work order. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: 5-11-22

Blue Creek Mining, LLC

By: 

Its SVP

05/20/2022

4703901935P

WW-9
(5/16)

API Number 47 - 039 - 01935
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) Elk Quadrangle Quick

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 TU

If so, please describe anticipated pit waste: _____

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

Proposed Disposal Method For Treated Pit Wastes:

- _____ Land Application (if selected provide a completed form WW-9-GPP)
- _____ Underground Injection (UIC Permit Number _____)
- _____ Reuse (at API Number _____)
- _____ Off Site Disposal (Supply form WW-9 for disposal location)
- _____ Other (Explain _____)

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. _____

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

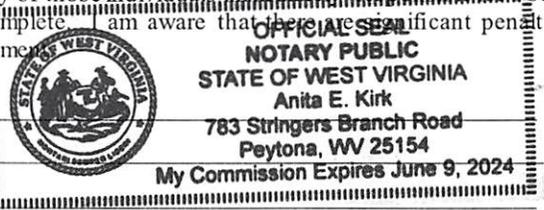
-Landfill or offsite name/permit number? _____

Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated waste rejected at any West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed.

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment.

Company Official Signature [Signature]
Company Official (Typed Name) Jeff Isner
Company Official Title President & CEO



Subscribed and sworn before me this 3rd day of March, 2022

Anita E. Kirk Notary Public

My commission expires June 9, 2024

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Office of Oil and Gas
MAR 21 2022
WV Department of Environmental Protection
05/20/2022

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 Hay or straw 2 Tons/acre

Seed Mixtures

Temporary

Permanent

Seed Type lbs/acre

Seed Type lbs/acre

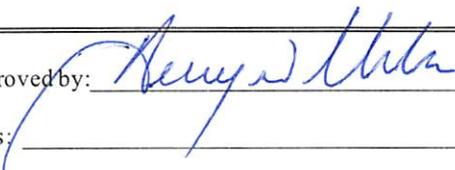
Contractors mix

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: Inspector DeleGas

Date: 3-17-22

Field Reviewed? () Yes () No

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Office of Oil and Gas

MAR 21 2022

WV Department of
Environmental Protection

05/20/2022

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

Operator Name: Pillar Energy LLC

Watershed (HUC 10): Elk Quad: Quick

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 - Whiteoak Fork - 1000'+

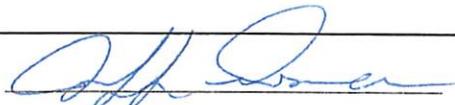
- 4. Summarize all activities at your facility that are already regulated for groundwater protection.

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

6. Provide a statement that no waste material will be used for deicing or fill material on the property.

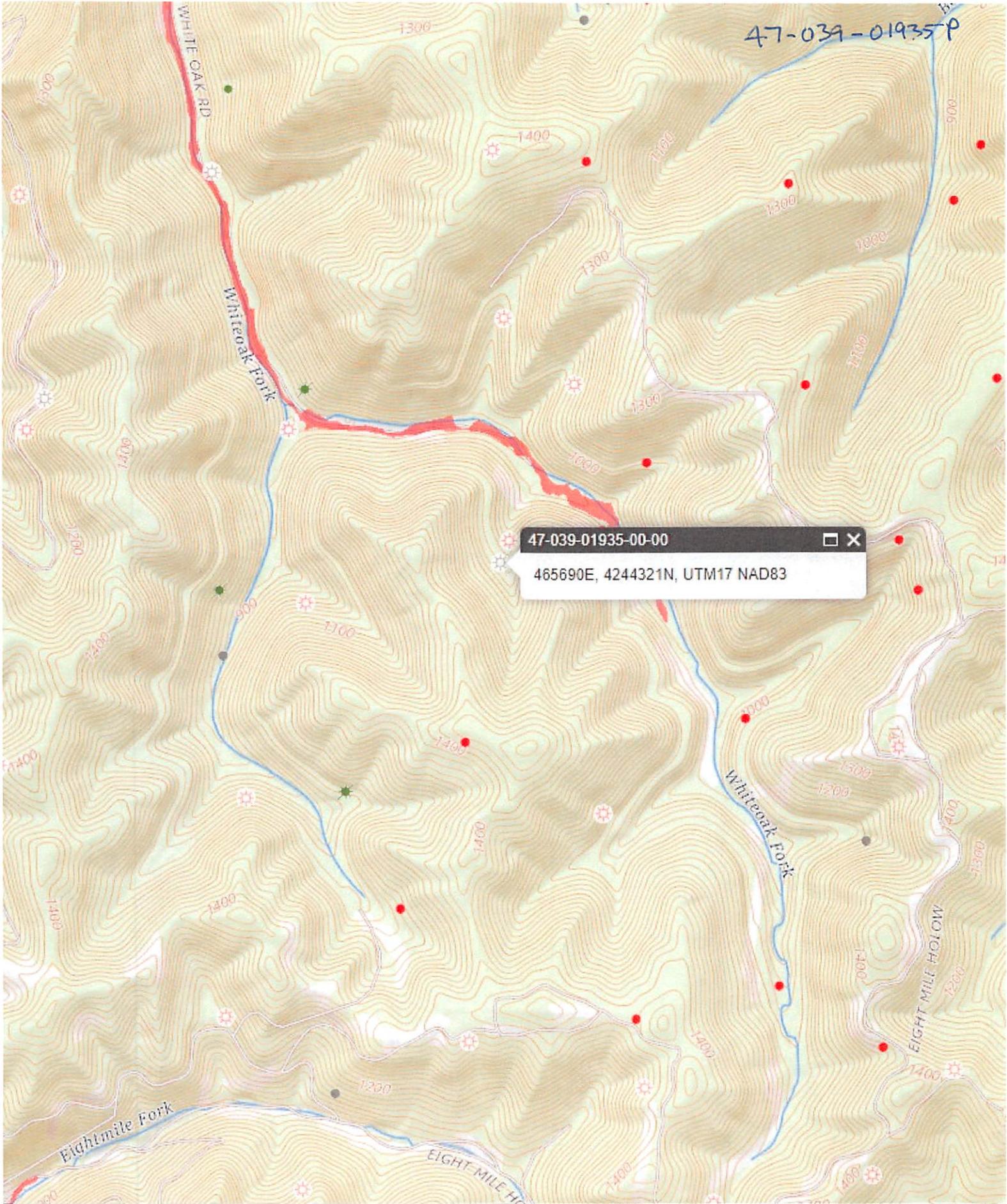
7. Describe the groundwater protection instruction and training to be provided to the employees. Job procedures shall provide direction on how to prevent groundwater contamination.

8. Provide provisions and frequency for inspections of all GPP elements and equipment.

Signature: 

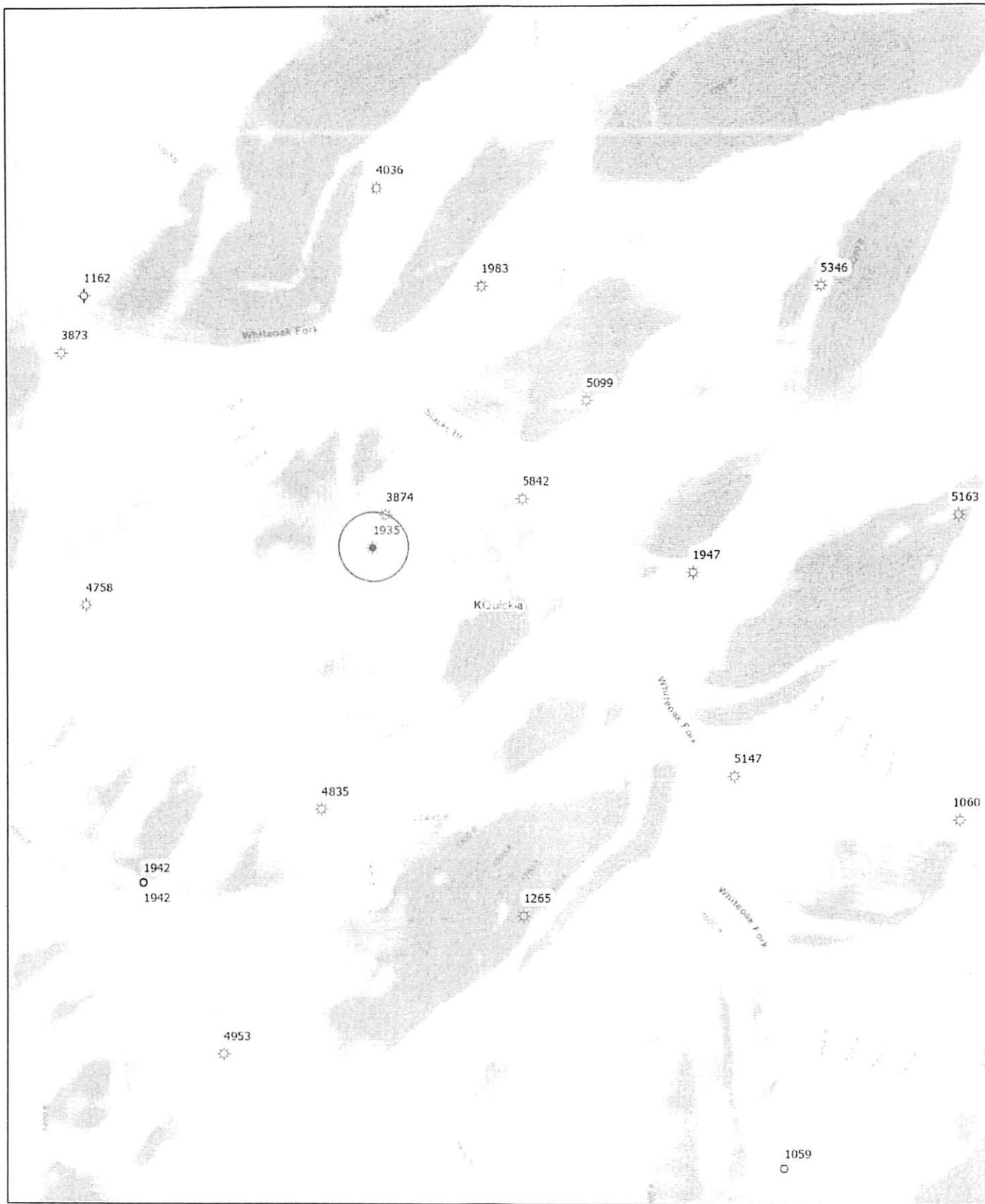
Date: 3-3-22

47-039-01935P



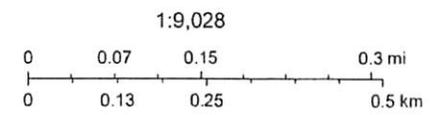
47-039-01935-00-00
465690E, 4244321N, UTM17 NAD83

05/20/2022



3/3/2022, 9:43:53 AM

- | | |
|---------------------------|-------------------------------------|
| Labels (7.5' Quadrangles) | County Labels |
| 7.5' Quadrangles | WV Oil and Gas All Individual Wells |
| State Boundary | Gas |
| Counties | Dry |



West Virginia Geological and Economic Survey (WVGES) / WVA
 West Virginia GIS, Esri, HERE, Garmin, GeoTechnologies, Inc.,
 Intermap, USGS, METI/NASA, EPA, USDA

05/20/2022

WW-7
8-30-06



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

API: 47-039-01935 WELL NO.: Blue Creek A-3

FARM NAME: Blue Creek Coal & Land

RESPONSIBLE PARTY NAME: _____

COUNTY: Kanawha DISTRICT: ELK

QUADRANGLE: Quick

SURFACE OWNER: Blue Eagle Land

ROYALTY OWNER: Blue Eagle Land

UTM GPS NORTHING: 4244321

UTM GPS EASTING: 0465690 GPS ELEVATION: 1043'

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]
Signature

CEO
Title

3-3-22
Date

RECEIVED
Office of Oil and Gas
MAR 21 2022
WV Department of
Environmental Protection



Stansberry, Wade A <wade.a.stansberry@wv.gov>

Plugging Vertical Well Work Permits API: (47-039-01935)

1 message

Stansberry, Wade A <wade.a.stansberry@wv.gov>

Thu, May 19, 2022 at 12:59 PM

To: Jeff Isner <isner_j@hotmail.com>, Trevor Schaffer <trevor.schaffer@pillarenergy.com>, Sallie Robinson <sallierobinson@kanawha.us>, "Urban, Terry W" <terry.w.urban@wv.gov>

I have attached a copy of the newly issued well [permit](#) numbers:

47-039-01935 - 3-A

These will serve as your copy.

Thank you,

Wade A. Stansberry

Environmental Resource Specialist 3

West Virginia Department of Environmental Protection

Office of Oil & Gas

601 57th St. SE

Charleston, WV 25304

(304) 926-0499 ext. 41115

(304) 926-0452 fax

Wade.A.Stansberry@wv.gov

2 attachments

 **IR-8 Blank.pdf**
237K

 **47-039-01935 - Copy.pdf**
4632K

05/20/2022