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west virginia department of environmental protection

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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)

Tuesday, June 7, 2022  
WELL WORK PLUGGING PERMIT  
Vertical Plugging

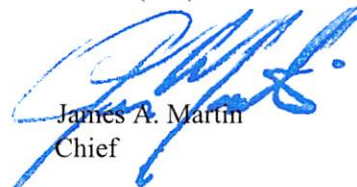
UNKNOWN - DEP PAID PLUGGING CONTRACT  
601 57TH STREET  
CHARLESTON, WV 25304

Re: Permit approval for CUTHBERT & CARLE 80608  
47-085-10431-00-00

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: CUTHBERT & CARLE 80608  
Farm Name: MIKE ROSS, INC.  
U.S. WELL NUMBER: 47-085-10431-00-00  
Vertical Plugging  
Date Issued: 6/7/2022

# 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

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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.

1) Date May 24th, 2022  
2) Operator's  
Well No. Steele Run 80608  
3) API Well No. 47-085-10431

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 \_\_\_ or Underground storage \_\_\_) Deep \_\_\_ / Shallow X

5) Location: Elevation 939' Watershed Steele Run  
District Grant County Ritchie Quadrangle Petroleum

6) Well Operator Unknown - DEP Paid Plugging 7) Designated Agent Henry J. Harmon  
Address 601 57th Street SE Address 601 57th Street SE  
Charleston, WV 25304 Charleston, WV 25304

8) Oil and Gas Inspector to be notified Name Douglas Newlon  
Address 4060 Dutchman Road  
Macfarlan, WV 26148  
9) Plugging Contractor  
Name \_\_\_\_\_  
Address \_\_\_\_\_

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

\*\*\* See Attachment (A-1) \*\*\*

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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 David K. Lawrence Date 5-24-2022

## ATTACHMENT (A-1)

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

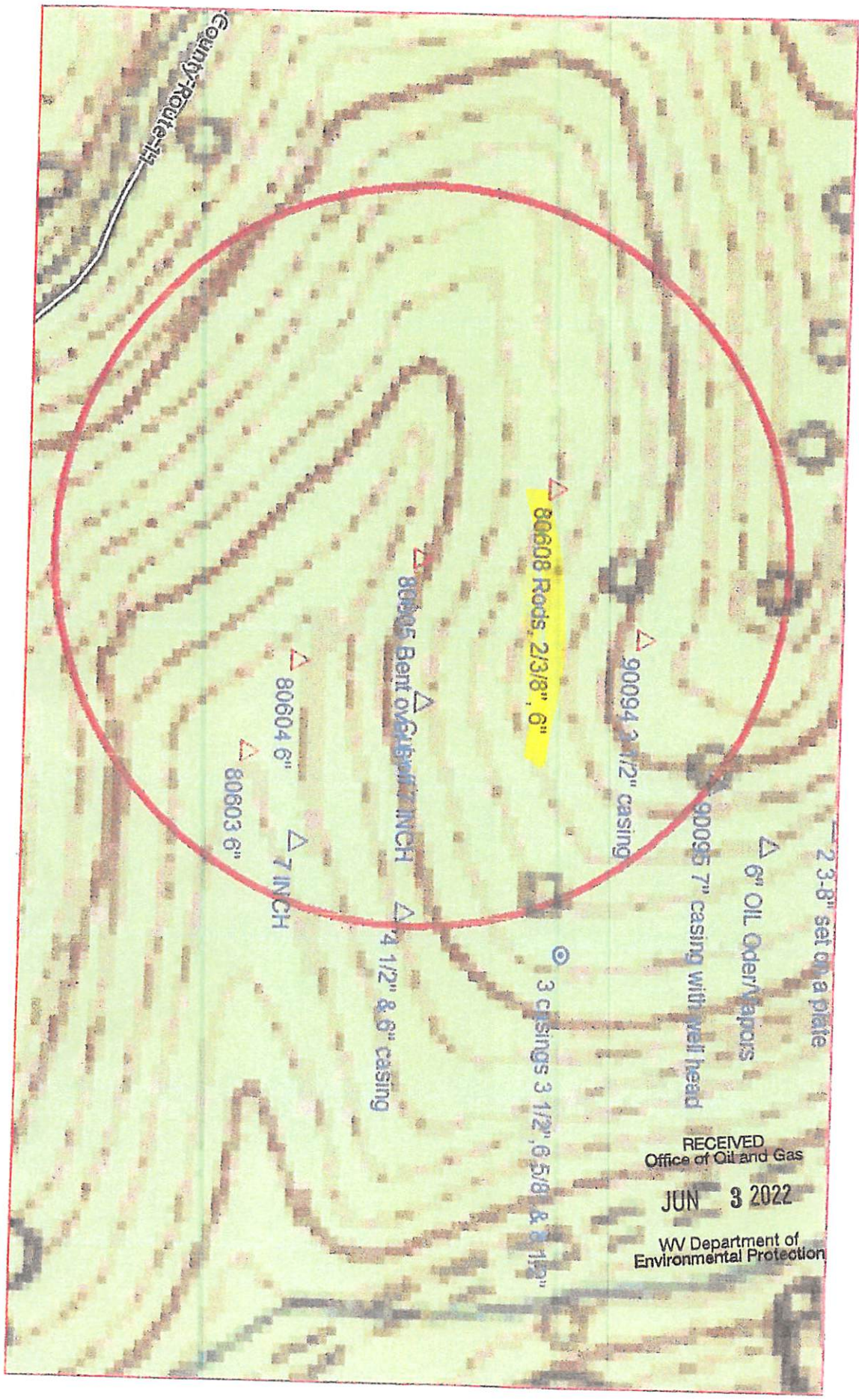
- 1) Construct site, nipple up and rig up on well.
- 2) Pull an estimated 850' of rods and 2 3/8" tubing from well bore \*\*\* (No Well Record Available) \*\*\*
- 3) Run in hole with tubing and set a minimum 100' bottom hole plug likely covering 6" casing seat.
- 4) TOH and WOC run in hole and tag cement plug, if insufficient, top off plug.
- 5) Pull stretch on 6" casing and run-in hole with cable tools rip pipe and cut 6" casing at free point.
- 6) Remove cable tools and run in well with tubing string, set minimum 100' cement plug across cut and any rips below casing cut, TOH with tubing.
- 7) Pull 6" casing up to estimated 120' TIH with tubing and set minimum 100' cement plug to surface TOH with tubing string pull 6" casing.
- 8) Erect a monument with the API number attached.
- 9) Reclaim site in accordance with the WV DEP OOG Reclamation Manual.

\*\*\*Note: Pull all free pipe and tag all cement plugs to insure they meet the 100' minimum requirement. 6% Gel spacers placed between all plugs. \*\*\*

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1) Date: 5-24-2022  
2) Operator's Well Number  
Steele Run 80608

3) API Well No.: 47 - 085 - 10431 P

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

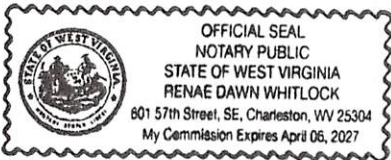
4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>Mike Ross Inc.</u>	Name <u>N/A</u>
Address <u>354 Morton Avenue</u>	Address _____
<u>Buckhannon, WV 25304</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name _____
_____	Address _____
(c) Name _____	Name _____
Address _____	Address _____
_____	_____
6) Inspector <u>David Scranage</u>	(c) Coal Lessee with Declaration
Address <u>633 Rices Run Road</u>	Name _____
<u>Lost Creek WV 26385</u>	Address _____
Telephone <u>(304)3803749</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.



Well Operator Unknown - DEP Paid Plugging Contract  
 By: Henry J. Harmon  
 Its: Agent  
 Address 601 57th Street  
Charleston, WV 25304  
 Telephone (304) 926-0450

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Office of Oil and Gas

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

JUN 3 2022

My Commission Expires April 6, 2027 Notary Public

WV Department of Environmental Protection

Oil and Gas Privacy Notice Renae Whitlock

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).

**SURFACE OWNER WAIVER**

Operator's Well  
Number

Steele Run 80608

**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 57<sup>th</sup> 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,**

Mike Ross      Date 6-1-22  
Signature      Name

\_\_\_\_\_  
By

\_\_\_\_\_  
Date

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Environmental Protection

06/10/2022

API No. 47-085-10431 P  
Farm Name \_\_\_\_\_  
Well No. Steele Run 80608

**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 X / 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: \_\_\_\_\_

By: Mike Post  
Its \_\_\_\_\_

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STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
OFFICE OF OIL AND GAS  
FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name Unknown Operator OP Code \_\_\_\_\_

Watershed (HUC 10) Steele Run Quadrangle Petroleum

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: Disposed of off site and contained in tanks.

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: n/a

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. n/a

-If oil based, what type? Synthetic, petroleum, etc. n/a

Additives to be used in drilling medium? n/a

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. n/a

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

-Landfill or offsite name/permit number? \_\_\_\_\_

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

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

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

Company Official Signature Henry J. Harmon

Company Official (Typed Name) Henry J. Harmon

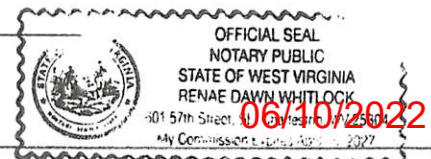
Company Official Title Deputy Chief

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

Renae Dawn Whitlock Notary Public

My commission expires April 6, 2027



Proposed Revegetation Treatment: Acres Disturbed Less than 1 Prevegetation pH Unknown

Lime 2-3 Tons/acre or to correct to pH \_\_\_\_\_

Fertilizer type 20-20-20 or equivalent

Fertilizer amount 500 lbs/acre

Mulch 2 Tons/acre

Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
Orchard Grass	40	Orchard Grass	40
Landino Clover	10	Landino Clover	10
Perennial Rye	20	Perennial Rye	20

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: David K. Scraney

Comments: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

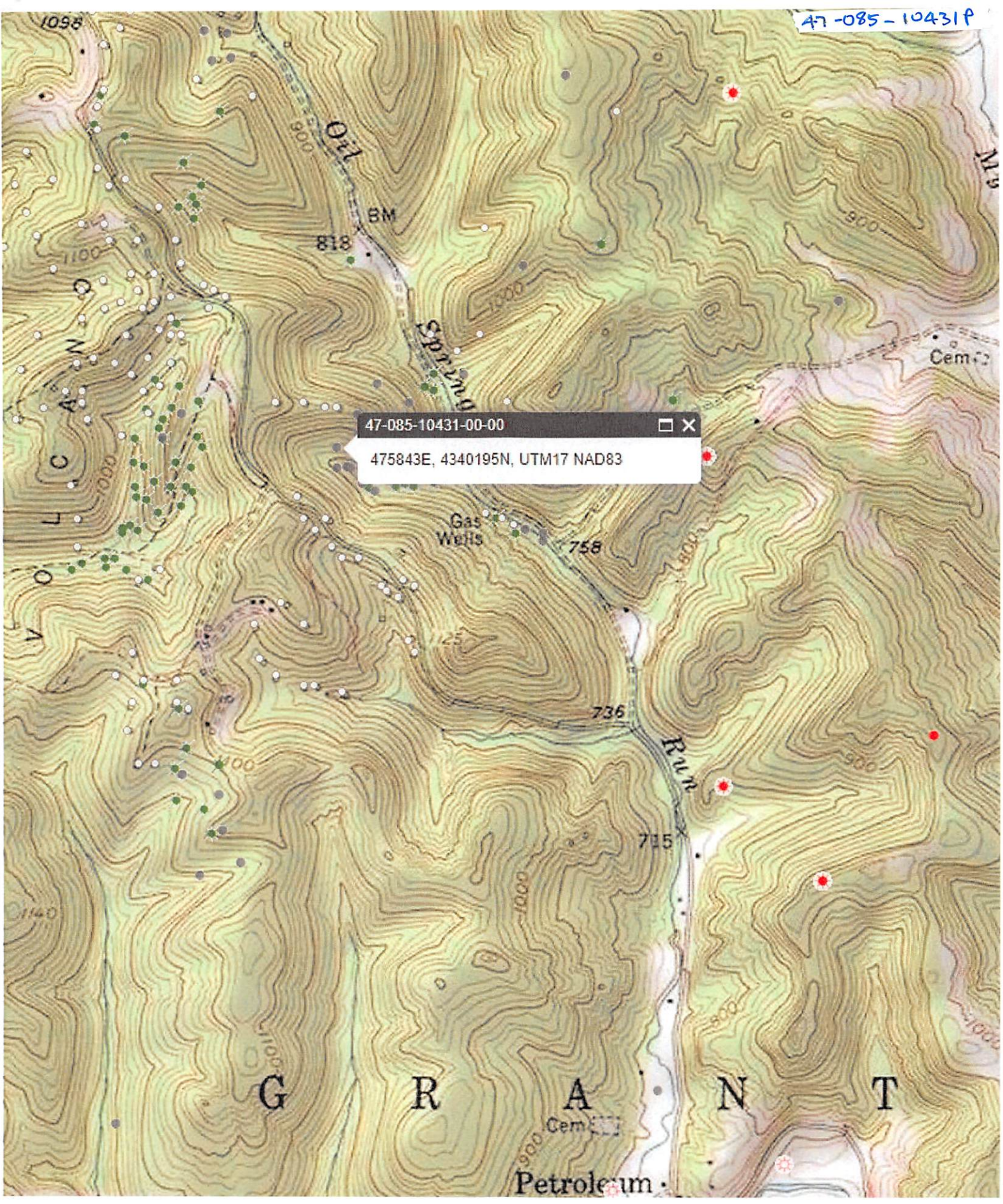
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Title: Inspector Specialist

Date: 5-31-2022

Field Reviewed? (  ) Yes (  ) No

47-085-10431P



06/10/2022



WW-7  
8-30-06



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

API: 47-085-10431 WELL NO.: Steel Run (80608)

FARM NAME: Mike Ross Inc.

RESPONSIBLE PARTY NAME: WVDEP  
COUNTY: Ritchie DISTRICT: Grant

QUADRANGLE: Petroleum

SURFACE OWNER: Mike Ross Inc.

ROYALTY OWNER: Carle & Cuthbert Heirs

UTM GPS NORTHING: 4340195.0

UTM GPS EASTING: 475843.0 Elevation 939'

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:

- Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
- Accuracy to Datum – 3.05 meters
- 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.

David Scranage Inspector Specialist  
Signature Title


Date 5/12/2022

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WV Department of Environmental Protection

**STEELE RUN 80608**

47-085-10431

**Legend**

 17 S 475843 4340195

11

 17 S 475843 4340195

Google Earth



1000 ft

Wete Hill

11

06/10/2022



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

**Plugging Vertical Well Work Permits API: (47-085-10428-10432)**

1 message

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

Tue, Jun 7, 2022 at 12:14 PM

To: Henry Harmon <henry.j.harmon@wv.gov>, David Scranage <david.k.scranage@wv.gov>, "Flowers, Allen D" <allen.d.flowers@wv.gov>, Zachary Johnson <zachary.johnson@wv.gov>, Arlene Mossor <amosor@wvassessor.com>

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

- 47-085-10428 - CUTHBERT & CARLE 80603
- 47-085-10429 - CUTHBERT & CARLE 80604
- 47-085-10430 - CUTHBERT & CARLE 80605
- 47-085-10431 - CUTHBERT & CARLE 80608
- 47-085-10432 - CUTHBERT & CARLE 90094

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](mailto:Wade.A.Stansberry@wv.gov)**

**6 attachments**

-  **47-085-10428 - Copy.pdf**  
983K
-  **47-085-10429 - Copy.pdf**  
2521K
-  **47-085-10432 - Copy.pdf**  
2755K
-  **47-085-10430 - Copy.pdf**  
3016K
-  **47-085-10431 - Copy.pdf**  
3470K
-  **IR-8 Blank.pdf**  
237K

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