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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

Austin Caperton, Cabinet Secretary  
[www.dep.wv.gov](http://www.dep.wv.gov)

Monday, February 4, 2019  
 WELL WORK PLUGGING PERMIT  
 Vertical Plugging

PATCHWORK OIL & GAS LLC  
 PO BOX 168

DAVISVILLE, WV 26142

Re: Permit approval for 80334  
 47-073-02591-00-00

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: 80334  
 Farm Name: Eddy, Neil M.  
 U.S. WELL NUMBER: 47-073-02591-00-00  
 Vertical Plugging  
 Date Issued: 2/4/2019

## 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.

WW-4B  
Rev. 2/01

1) Date Oct. 15, 2018  
2) Operator's Well No. 80334  
3) API Well No. 47-073-02591 P

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

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

4) Well Type: Oil \_\_\_ / Gas \_\_\_ / Liquid injection \_\_\_ / Waste disposal \_\_\_ /  
(If "Gas, Production \_\_\_ or Underground storage \_\_\_) Deep \_\_\_ / Shallow \_\_\_

5) Location: Elevation 680' Watershed Ohio River  
District Washington County Pleasants Quadrangle Raven Rock

6) Well Operator Patchwork Oil & Gas, LLC 7) Designated Agent Roger L. Whited  
Address PO Box 168 Address 548 Clarion Rd  
Davisville, WV 26142 Walker, WV 26180

8) Oil and Gas Inspector to be notified Name Cragin Blevins  
Address 1407 19th Street  
Vienna, WV 26105  
9) Plugging Contractor Name Patchwork Oil & Gas, LLC  
Address PO Box 168  
Davisville, WV 26142

10) Work Order: The work order for the manner of plugging this well is as follows:  
This was an abandoned well with no API or well records. Cragin Blevins & Dave Scranage worked together to gather information and get an API number assigned. We recently transferred the well to our bond in order to get the well plugged for the land owner. A bond log will be ran and a minimum of 100' plugs of Class A cement will be set at the bottom, any perforations, casing cuts, elevation and surface plug will be set. Since there are no records we will set a 200' surface plug to ensure that fresh water is covered. There are gel spacers.

IF WELL WAS DRILED TO THE COW RUN FORMATION,  
THEN PULL ALL CASING IF POSSIBLE OR PERFORATE  
WHERE NECESSARY, AND CEMENT TO SURFACE WITH  
CLASS A CEMENT.

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WV Department of  
Environmental Protection

*JW*

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

Work order approved by inspector J Cragin Blevins Date 11/2/2018

WW-4A  
Revised 6-07

1) Date: October 15th, 2018  
2) Operator's Well Number  
80334 02/08/2019  
3) API Well No.: 47 - 073 - 02591

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

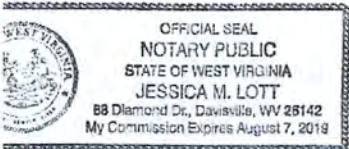
4) Surface Owner(s) to be served:		5) (a) Coal Operator	
(a) Name	<u>Neil M. &amp; Clarice L. Eddy</u>	Name	<u>None</u>
Address	<u>1001 Oakwood Terrace</u> <u>St. Mary's, WV 26170</u>	Address	<u></u>
(b) Name	<u></u>	(b) Coal Owner(s) with Declaration	
Address	<u></u>	Name	<u>None</u>
(c) Name	<u></u>	Address	<u></u>
Address	<u></u>	Name	<u></u>
		Address	<u></u>
6) Inspector	<u>Cragin Blevins</u>	(c) Coal Lessee with Declaration	
Address	<u>1407 19th Street</u> <u>Vienna, WV 26105</u>	Name	<u>None</u>
Telephone	<u>304-382-5933</u>	Address	<u></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 Patchwork Oil & Gas, LLC  
 By: [Signature]  
 Its: Managing Member  
 Address PO Box 168  
Davisville, WV 26142  
 Telephone 304-489-1500

Subscribed and sworn before me this 23 day of October 2018  
[Signature] Notary Public  
My Commission Expires August 7, 2019

**Oil and Gas Privacy Notice**

The Office of Oil and Gas processes your personal information, such as name, address and phone number, as a part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use of your personal information, please contact DEP's Chief Privacy Officer at [depprivacyoffier@wv.gov](mailto:depprivacyoffier@wv.gov).

WW-9  
(5/16)

API Number 47 - 073 - 02591  
Operator's Well No. 90334

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

Operator Name Patchwork Oil & Gas, LLC OP Code 494466991

Watershed (HUC 10) Ohio River Quadrangle Raven Rock

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes  No

Will a pit be used? Yes  No

If so, please describe anticipated pit waste: \_\_\_\_\_

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

Proposed Disposal Method For Treated Pit Wastes:

- 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 Vac truck is used for any plugging fluids and disposed of properly)

JCB  
11/2/2018

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 Roger L. Whited

Company Official (Typed Name) Roger L. Whited

Company Official Title Managing Member

Subscribed and sworn before me this 23 day of October, 2019

J. M. Lott

Notary Public

My commission expires Aug. 7, 2019



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WV Department of  
Environmental Protection

Operator's Well No. 80334

Proposed Revegetation Treatment: Acres Disturbed 1 Prevegetation pH 5.5

Lime 1-2 Tons/acre or to correct to pH 6.5

Fertilizer type 5-10-10

Fertilizer amount 500 lbs/acre

Mulch Straw Tons/acre

Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
		Pasture Mix	200

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: J Cragin Blevins

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

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Office of Oil and Gas

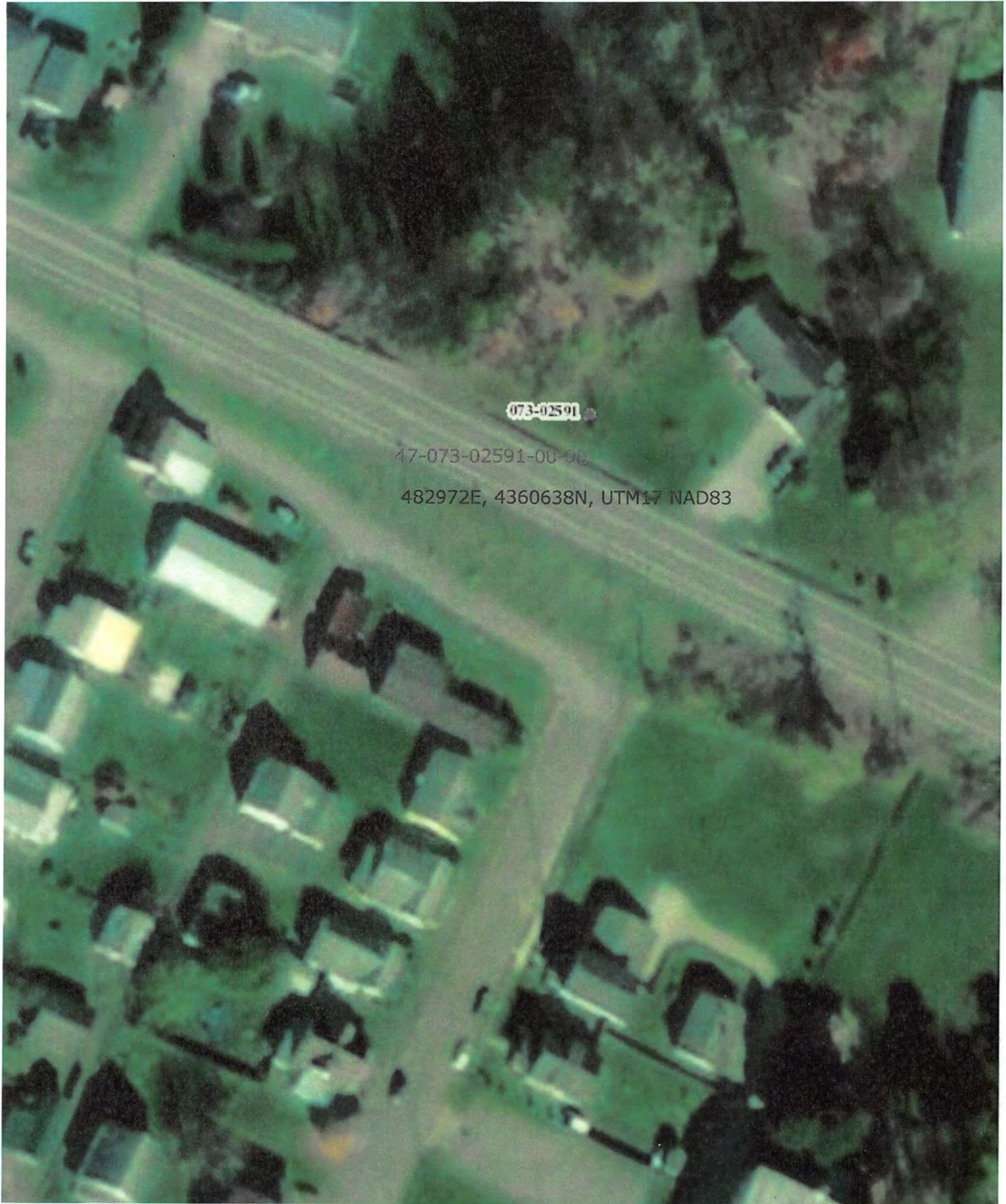
NOV 14 2018

WV Department of  
Environmental Protection

Title: Oil and Gas Inspector Date: 11/2/2018

Field Reviewed? (  ) Yes (  ) No





073-02591

47-073-02591-00-00

482972E, 4360638N, UTM17 NAD83





WW-7  
8-30-06



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

API: 47-073-02591 WELL NO.: 80334

JCB

11/2/2018

FARM NAME: \_\_\_\_\_

RESPONSIBLE PARTY NAME: Patchwork Oil & Gas, LLC

COUNTY: Pleasants DISTRICT: Washington

QUADRANGLE: Raven Rock

SURFACE OWNER: Neil M. & Clarice L. Eddy

ROYALTY OWNER: Unknown

UTM GPS NORTHING: 4360638.0

UTM GPS EASTING: 482972.0 GPS ELEVATION: 680'

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

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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.

Roger L. Whited Digitally signed by Roger L. Whited  
Date: 2018.10.22 14:14:10 -04'00' Managing Member 10/15/2018  
Signature Title Date