



---

west virginia department of environmental protection

---

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

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

Thursday, June 22, 2023

WELL WORK PLUGGING PERMIT  
Vertical Plugging

UNKNOWN - DEP PAID PLUGGING CONTRACT  
601 57TH STREET

CHARLESTON, WV 25304

Re: Permit approval for 2  
47-085-01665-00-00

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: 2  
Farm Name: JACKSON, R. C.  
U.S. WELL NUMBER: 47-085-01665-00-00  
Vertical Plugging  
Date Issued: 6/22/2023

# 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. 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.
2. Well work activities shall not constitute a hazard to the safety of persons.
3. 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.

06/23/2023

1) Date \_\_\_\_\_, 20\_\_\_\_  
2) Operator's  
Well No. JACKSON, R.C. 2  
3) API Well No. 47-086 - 01665

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 916' Watershed McKim Creek  
District Grant County Ritchie Quadrangle Petroleum

6) Well Operator Unknown - DEP Paid Plugging Contract WVDEP 7) Designated Agent Jason Harmon  
Address 601 57th Street Address 601 57th Street  
Charleston, WV 25304 Charleston, WV 25304

8) Oil and Gas Inspector to be notified Name Isaiah M. Richards  
Address 114 Turkey Lick Road  
West Union, WV 26456  
9) Plugging Contractor Name Unlimited Energy Services, LLC  
Address 264 Industrial Park Road  
Jane Lew, WV 26378

RECEIVED  
Office of Oil and Gas  
MAY 31 2023  
WV Department of Environmental Protection

10) Work Order: The work order for the manner of plugging this well is as follows:  
Check pressures on all casing with a gauge. Blow down the well into a grounded tank with a secure line.  
Begin plugging and abandonment operations. Load 6 5/8" casing with fresh water.  
RIH Wireline. Run CBL on 6 5/8" casing from 840'-surface. Determine free point on 6 5/8" casing.  
TIH w/ tubing to 810', set 100' class L cement plug from 810' to 710' (elevation at 916').  
Cut 6 5/8" CSG at free point TOOH w/ CSG. TIH w/ tubing to 710'.  
Set class L cement plug from 710'-610' gel hole 610' to 510'. TOOH w/ tubing. WOC. Tag TOC.  
TIH w/ tubing 510', set 510' class L cement plug 510' to 0' (water at 285').

Top off well to surface with solid cement as needed. Erect monument with API #, date plugged, and company name. Reclaim location and road to WV-DEP specifications.

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

Stephen Mccoy

Digitally signed by Stephen Mccoy  
Date: 2023.05.25 08:26:40 -04'00'

Work order approved by inspector \_\_\_\_\_ Date \_\_\_\_\_

06/23/2023



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

Quadrangle Elizabeth  
Permit No. Rit 1665

WELL RECORD

Oil or Gas Well Oil

Company	<u>R C Jackson &amp; Others</u>			Casing and Tubing	Used in Drilling	Left in Well	Packers
Address	<u>Petroleum West, VA.</u>			Size			
Farm	<u>R C Jackson</u> Acres <u>77 1/4</u>			16			Kind of Packer
Location (waters)	<u>Buffalo Run</u>			13			
Well No.	<u>2</u> Elev. <u>917'</u>			10	<u>23</u>	<u>23</u>	Size of
District	<u>Grant</u>	County	<u>Ritchie</u>	8 1/2	<u>215</u>	<u>215</u>	Depth set
The surface of tract is owned in fee by	<u>R C Jackson</u>			6%	<u>840</u>	<u>840</u>	
Address	<u>Petroleum</u>			5 3/16			
Mineral rights are owned by	<u>R C Jackson</u>			3			Perf. top
Address	<u>Petroleum WVA.</u>			2			Perf. bottom
Drilling commenced	<u>June 25 1956</u>			Liners Used			Perf. top
Drilling completed	<u>aug 25 1956</u>						Perf. bottom
Date Shot	<u>AMM</u>	From	<u>1005</u> To <u>1045</u>				
With	<u>8 1045 1050</u>						
Open Flow	<u>/10ths Water in</u> _____ Inch			CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____			
Volume	<u>/10ths Merc. in</u> _____ Inch			COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Rock Pressure	_____ lbs. _____ hrs.			_____ FEET _____ INCHES _____ FEET _____ INCHES			
Oil	_____ bbls., 1st 24 hrs.			_____ FEET _____ INCHES _____ FEET _____ INCHES			
Fresh water	_____ feet _____ feet						
Salt water	_____ feet _____ feet						

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
0	red	soft		25			
25	dark	hard		75			
75	Flint	Hard		100			
100	Sand	hard		130			
130	red rock	soft		145			
145	slate	shely		280			
280	Sand	Hard		290	Water 285		
290	Slate	soft		360			
360	Sand	Hard		480			
480	slate	soft		490			
sand 490		hard		550			
slate 550		soft		615			
sand 615		hard		655			
slate 655		soft		700			
sand 700		hard		833			
Lime 833		Hard		897			
Sand 897		Hard		900			
Lime 900		hard		907			
Sand 907		Hard		940			
In jun sand 940		Hard		1050			
1/2 BBLs		Oil	1045 to	1050			

RECEIVED  
Office of Oil and Gas

MAY 31 2023

WV Department of  
Environmental Protection



1) Date: \_\_\_\_\_  
2) Operator's Well Number \_\_\_\_\_  
JACKSON, R.C. 2

3) API Well No.: 47 - 085 - 01665

**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>Jerry Westfall, WVDNR D6 Wildlife Biologist</u>	Name _____
Address <u>West Virginia Department of Natural Resources</u>	Address _____
<u>2311 Ohio Avenue, Parkersburg WV 26101</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>Jerry Westfall, WVDNR D6 Wildlife Biologist</u>
_____	Address <u>West Virginia Department of Natural Resources</u>
(c) Name _____	<u>2311 Ohio Avenue, Parkersburg WV 26101</u>
Address _____	Name _____
_____	Address _____
6) Inspector <u>Isaiah M. Richards</u>	(c) Coal Lessee with Declaration
Address <u>114 Turkey Lick Road</u>	Name _____
<u>West Union, WV 26456</u>	Address _____
Telephone <u>304-205-3032</u>	_____

RECEIVED

**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 to the Office of Oil and Gas Environmental Protection. 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 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 WVDEP  
 By: Matthew A. Yearsley  
 Its: Coastal Drilling East, LLC, Plugging Contractor  
 Address 130 Meadow Ridge Road  
Mt. Morris, Pennsylvania 15349  
 Telephone 304-291-0175

Subscribed and sworn before me this 5<sup>th</sup> day of May 2023  
Mike Savage Notary Public  
 My Commission Expires August 17 2025

**Oil and Gas Privacy Notice**

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

06/23/2023

P. WAYNE AMMONS  
UNLIMITED ENERGY SERVICES, LLC  
264 INDUSTRIAL PARK ROAD  
JANE LEW, WEST VIRGINIA 26378



7019 2280 0001 2130 7236  
7019 2280 0001 2130 7236

Jerry Westfall, WVDNR D6 Wildlife Biologist  
West Virginia Department of Natural Resources  
2311 Ohio Avenue  
Parkersburg, WV 26101

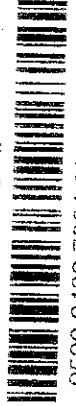
Jerry Westfall, WVDNR D6 Wildlife Biologist  
West Virginia Department of Natural Resources  
2311 Ohio Avenue  
Parkersburg, WV 26101

**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:

Jerry Westfall, WVDNR D6 Wildlife Biologist  
West Virginia Department of Natural Resources  
2311 Ohio Avenue  
Parkersburg, WV 26101



9690 9402 7364 2028 0236 74

? Article Number Transfer from service label

7019 2280 0001 2130 7236

PS Form 3811, July 2020 PSN 7530-02-000-9053

**COMPLETE THIS SECTION ON DELIVERY**

- A. Signature  Agent
- Addressee
- B. Received by (Printed Name) C. Date of Delivery

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

3. Service Type
- Priority Mail Express®
  - Registered Mail™
  - Adult Signature Restricted Delivery
  - Certified Mail®
  - Collect on Delivery
  - Signature Confirmation™
  - Restricted Delivery

RECEIVED  
Office of Oil and Gas  
MAY 31 2023  
WV Department of  
Environmental Protection

06/23/2023



west virginia department of environmental protection

Office of Oil and Gas  
601 57th Street, SE  
Charleston, WV 25304  
Phone (304) 926-0480

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

**BEFORE THE OFFICE OF OIL AND GAS  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
STATE OF WEST VIRGINIA**

**IN THE MATTER OF A VARIANCE FROM )  
LEGISLATIVE RULE 35CSR4 )  
SECTION 14.1. AND LEGISLATIVE RULE )  
35CSR8 SECTION 20.1, )  
RELATING TO THE CEMENTING )  
OF OIL AND GAS WELLS )**

**ORDER NO. 2022-13**

**REPORT OF THE OFFICE**

In response to industry requests, the West Virginia Department of Environmental Protection, Office of Oil and Gas has reviewed the proposed use of American Petroleum Institute (API) Class L cement to be used in place of API Class A cement for well plugging.

**FINDINGS OF FACT**

1. On July 28, 2022, Diversified Gas & Oil Co. (DGO) submitted a variance request from Legislative Rule 35CSR4 for the use of API Class L cement in place of API Class A cement, relating to the plugging of conventional wells.
2. Laboratory analysis submitted by DGO on July 28, 2022, indicates API Class L cement is comparable to API Class A cement and thereby satisfies the requirements of the West Virginia Code.
3. Contemporaneously, the Chief of the Office of Oil and Gas also chose to consider a variance to Legislative Rule 35CSR8 Section 20.1., for the use of API Class L cement in place of API Class A cement, relating to the plugging of horizontal wells.

4. On August 18, 2022, the Office of Oil and Gas provided public notice of acceptance of public comments on the variance consideration. During the 20-day public comment period, no comments were received.

### **CONCLUSIONS OF LAW**

Pursuant to Article 6 and Article 6A, Chapter 22 of the Code of West Virginia, the Office of Oil and Gas has jurisdiction over the subject matter, and the persons interested therein, and jurisdiction to promulgate the hereinafter prescribed Order.

Pursuant to Legislative Rule 35CSR4, Section 18 and Legislative Rule 35CSR8, Section 14, the Chief of the Office of Oil and Gas may grant a variance from any requirement of these rules.

### **ORDER**

It is ordered that the Class L cement product approved and monogrammed by API is approved for use in place of API Class A cement for well plugging subject to the provisions of Legislative Rule 35CSR4 and Legislative Rule 35CSR8.

Dated this, the 13th day of September, 2022.

IN THE NAME OF THE STATE OF WEST VIRGINIA

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



James Martin, Chief  
Office of Oil and Gas

06/23/2023



WW-9  
(5/16)

API Number 47 - 085 \_01665  
Operator's Well No. JACKSON, R.C. 2

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

Operator Name Unknown - DEP Paid Plugging Contract WVDEP OP Code \_\_\_\_\_

Watershed (HUC 10) McKim Creek 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: \_\_\_\_\_

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: Yes. Gel will be circulated from tank through well bore and returned back to tank.

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. Fresh water gel and/or cement

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

Additives to be used in drilling medium? Bentonite, Bicarbonate of soda

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. Removed offsite

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

-Landfill or offsite name/permit number? Austin Master Services, LLC; AMS Martins Ferry Facility; WF ID #BELM-05; Permit #WF-2022-05

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.

RECEIVED  
Office of Oil and Gas  
MAY 31 2023

*Mick Goodwin*

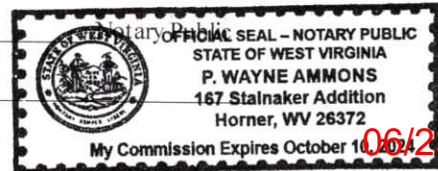
WV Department of Environmental Protection

Company Official Signature \_\_\_\_\_

Company Official (Typed Name) Mick Goodwin

Company Official Title President

Subscribed and sworn before me this 30TH day of MAY, 2023  
*P. Wayne Ammons*  
My commission expires OCTOBER 10, 2024



06/23/2023

Proposed Revegetation Treatment: Acres Disturbed Less than 1 acre Prevegetation pH \_\_\_\_\_

Lime 3 Tons/acre or to correct to pH 6.0

Fertilizer type 10-20-20 or Equivalent

Fertilizer amount 500 lbs/acre

Mulch 2 Tons/acre

**Seed Mixtures**

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
		Medium Red Clover	9
		Ladino White Clover	9
		White-Dutch Clover	9

**Permanent Seed Mixture (continued): Alfalfa (9 lbs/acre), Winter Wheat (9 lbs/acre)**

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: **Stephen Mccoy** Digitally signed by Stephen Mccoy  
Date: 2023.05.25 08:27:09 -04'00'

Comments: No pits will be used. Remove oil & gas production debris [i.e., pumpjack, production tank(s), pipe, gas meter(s)] from the site. Properly reclaim, seed, and mulch all disturbed areas to DEP and DNR standards, including working the seed to ensure germination. Obliterate any applicable road/access construction materials as requested by WVDNR.

RECEIVED  
Office of Oil and Gas

MAY 31 2023

WV Department of  
Environmental Protection

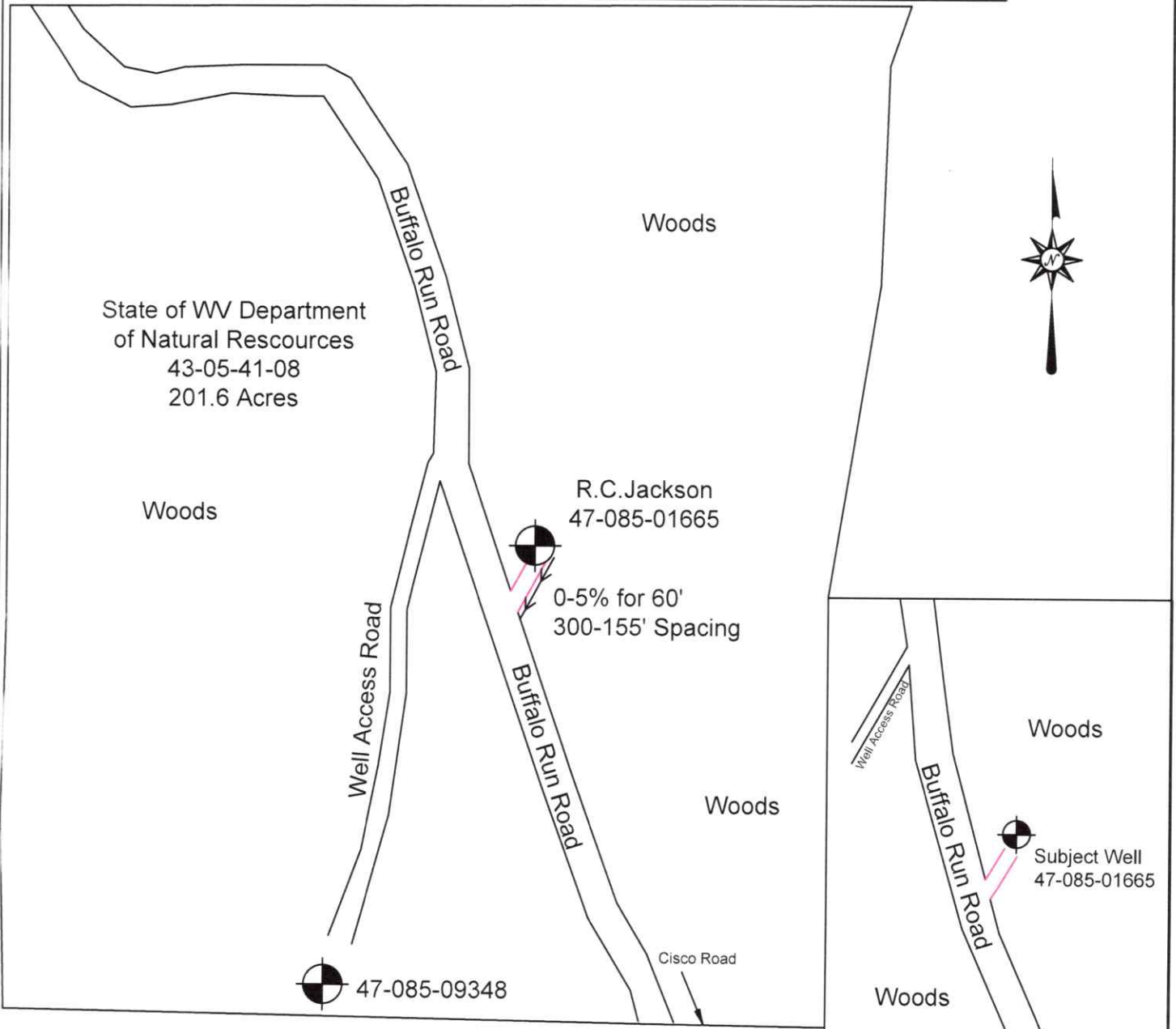
Title: \_\_\_\_\_

Date: \_\_\_\_\_

Field Reviewed? ( ) Yes ( ) No

WW-9

EG23076 (47-085-01665)



Unless otherwise noted, all roads shown hereon are existing and shall be maintained in accordance with WV D.E.P., Office of Oil and Gas Erosion and Sediment Control Field Manual as revised 5/2012.

Entrances upon county/state roads shall be maintained in accordance with WV D.O.T. regulations, however, separate permits may be required by the WV D.O.T.

Sediment basins (traps) and appropriate erosion control barriers are to be constructed at all culverts and cross-drains as required in the aforementioned Erosion and Sediment Control Field Manual. Where field conditions dictate, alternative erosion control measures shall be enacted as required.

Earthwork contractors are responsible for notification to the operator and inspector prior to any deviation from this plan.

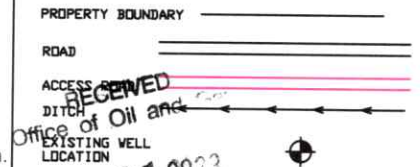
DRAWN BY: Mason Thomas

DATE: March 31, 2023



SURVEYING AND MAPPING SERVICES PERFORMED BY:  
**ALLEGHENY SURVEYS, INC.**  
 1-800-482-8606

P.O. BOX 438  
 BIRCH RIVER, WV 26610  
 PH: (304) 649-8606  
 FAX: (304) 649-8608



RECEIVED  
 Office of Oil and Gas  
 MAY 31 2023  
 WV Department of Environmental Protection

06/23/2023

**SURFACE OWNER WAIVER**

Operator's Well  
Number

JACKSON, R.C. 2

**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,

_____	Date _____	Name _____
Signature		By _____
		Its _____
		_____
		Date _____

Signature

Date

06/23/2023

RECEIVED  
Office of Oil and Gas  
MAY 31 2023  
WV Department of  
Environmental Protection

WW-4B

API No. 47-085-01665  
Farm Name \_\_\_\_\_  
Well No. JACKSON, R.C. 2

**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: \_\_\_\_\_

By: \_\_\_\_\_  
Its \_\_\_\_\_

RECEIVED  
Office of Oil and Gas

**MAY 31 2023**

WV Department of  
Environmental Protection

06/23/2023

11/10/2016

PLUGGING PERMIT CHECKLIST

Plugging Permit

RECEIVED  
Office of Oil and Gas

MAY 31 2023

WV Department of  
Environmental Protection

- WW-4B
- WW-4B signed by inspector
- WW-4A
  
- SURFACE OWNER WAIVER or PROOF THAT APPLICATION WAS SENT BY REGISTERED OR CERTIFIED MAIL
  
- COAL OWNER/COAL OPERATOR/COAL LESSEE WAIVERS or PROOF THAT APPLICATION WAS SENT BY REGISTERED OR CERTIFIED MAIL
- WW-9 PAGE 1 (NOTARIZED)
- WW-9 PAGE 2 with attached drawing of road, location, pit and proposed area for land application
- WW-9 GPP PAGE 1 and 2 if well effluent will be land applied
- RECENT MYLAR PLAT OR WW-7
- WELL RECORDS/COMPLETION REPORT
- TOPOGRAPHIC MAP OF WELL, SHOWING PIT IF PIT IS USED
- MUST HAVE VALID BOND IN OPERATOR'S NAME
- CHECK FOR \$100 IF PIT IS USED

06/23/2023

085-1665

RECEIVED  
Office of Oil and Gas

**MAY 31 2023**

WV Department of  
Environmental Protection

06/23/2023



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.

No Coal  
COAL OPERATOR OR COAL OWNER

R.C. Jackson  
NAME OF WELL OPERATOR

ADDRESS

Petroleum, W Va  
COMPLETE ADDRESS

COAL OPERATOR OR COAL OWNER

PROPOSED LOCATION

ADDRESS

Grant District

OWNER OF MINERAL RIGHTS

Ritchie County

ADDRESS

Well No. 2 39°10'  
81°15'

R.C. Jackson Farm

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 5 days of April 1954 assigned back to R.C. Jackson in W. Va made by R.C. Jackson to R. Douglas and R. Douglas, 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,

RECEIVED  
Office of Oil and Gas

R.C. Jackson  
WELL OPERATOR

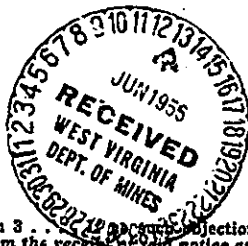
MAY 31 2023

Petroleum  
STREET

WV Department of  
Environmental Protection

CITY OR TOWN

STATE W Va



Address of Well Operator

\*Section 3... 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.



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks

RECEIVED  
Office of Oil and Gas  
MAY 31 2023  
WV Department of  
Environmental Protection

Date Nov 30, 1924  
APPROVED RTO Jackson Owner  
By RTO Jackson  
(Title)

06/23/2023



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.

No Coal \_\_\_\_\_ R.C. Jackson \_\_\_\_\_  
COAL OPERATOR OR COAL OWNER NAME OF WELL OPERATOR

\_\_\_\_\_ Petroleum, W.Va. \_\_\_\_\_  
ADDRESS COMPLETE ADDRESS

\_\_\_\_\_ 19\_\_\_\_\_  
COAL OPERATOR OR COAL OWNER PROPOSED LOCATION

\_\_\_\_\_ Grant \_\_\_\_\_ District  
ADDRESS

\_\_\_\_\_ Ritchie \_\_\_\_\_ County  
OWNER OF MINERAL RIGHTS

\_\_\_\_\_ Well No. 2 39° 10' 81° 15'  
ADDRESS

\_\_\_\_\_ R.C. Jackson Farm \_\_\_\_\_

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 5 days of April 1954

*assigned back to R.C. Jackson by R.C. Jackson to B.R. Douglas and having fee title thereto* made by R.C. Jackson to B.R. Douglas 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 sources 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.

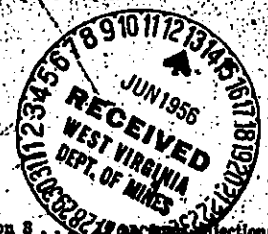
The above named coal operators or coal owners (if any) are notified that any objections they may desire to make to such proposed location, or which they are required to make by Section 3, of said Code, if the drilling of a well at said proposed location will cause a dangerous condition in or about their 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,

R.C. Jackson MAY 31 2023  
WV Department of Environmental Protection



Address of Well Operator

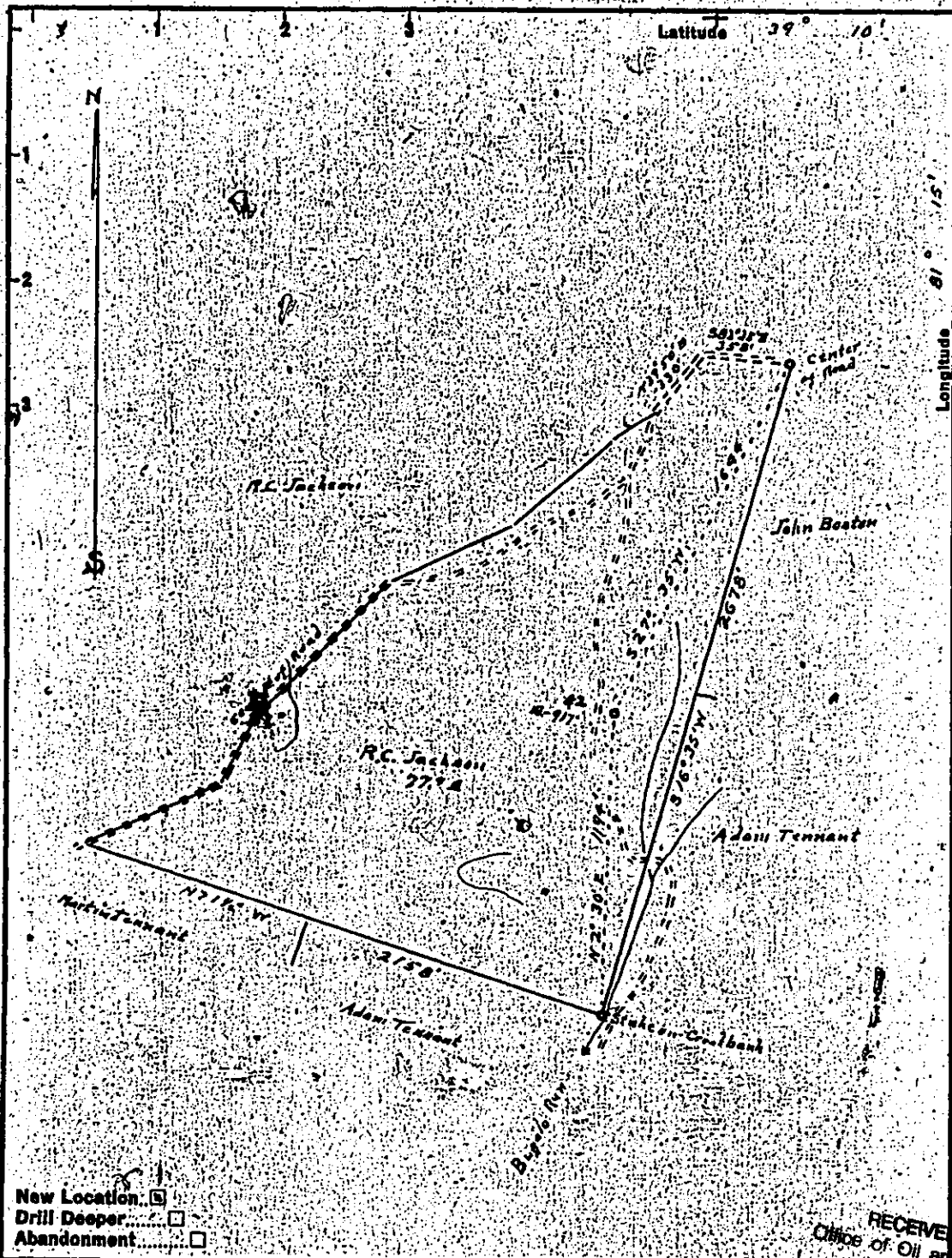
\_\_\_\_\_ STREET \_\_\_\_\_ CITY OR TOWN \_\_\_\_\_ STATE \_\_\_\_\_

\*Section 3... objections be filed or be found by the department of mines, within said period of ten days from the receipt of this 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.

RIT-7665 PERMIT NUMBER

1665

06/23/2023



New Location   
 Drill Deeper   
 Abandonment

RECEIVED  
Office of Oil and Gas

Company R.C. Jackson  
 Address Petroleum W.Va  
 Farm R.C. Jackson  
 Tract \_\_\_\_\_ Acres 72.7 Lease No. \_\_\_\_\_  
 Well (Farm) No. 2 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 917  
 Quadrangle Elizabeth  
 County Ritchie District Grant  
 Engineer Robert R. Anderson  
 Engineer's Registration No. 296  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date June 6 54 Scale 1 in = 500 feet

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

MAY 31 2023

**WELL LOCATION MAP**  
 FILE NO. Rit-1665

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



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

Quadrangle: *Elizabeth*

Permit No. *Rit 1668*

WELL RECORD

Oil or Gas Well *Oil*

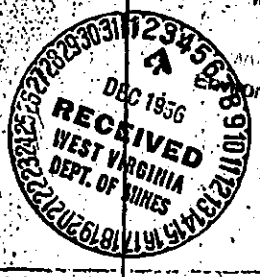
Company *R C Jackson & Others*  
 Address *Petroleum West, VA*  
 Farm *R C Jackson* Acres *77 1/4*  
 Location (waters) *Buffalo Run*  
 Well No. *2* Elev. *917'*  
 District *Grant* County *Ritchie*  
 The surface of tract is owned in fee by *R C Jackson*  
 Address *Petroleum*  
 Mineral rights are owned by *R C Jackson*  
 Address *Petroleum WVA*  
 Drilling commenced *June 25 1956*  
 Drilling completed *Aug 25 1956*  
 Date Shot *AAA* From *3035* To *3045*  
 With *104b 1050*  
 Open Flow /10ths Water in \_\_\_\_\_ Inch  
 /10ths Merc. in \_\_\_\_\_ Inch  
 Volume \_\_\_\_\_ Cu. Ft.  
 Rock Pressure \_\_\_\_\_ lbs \_\_\_\_\_ hrs.  
 Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
 Fresh water \_\_\_\_\_ feet  
 Salt water \_\_\_\_\_ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
18			
20 <i>23</i>		<i>23</i>	Size of _____
24 <i>215</i>		<i>215</i>	
26 <i>840</i>		<i>840</i>	Depth set _____
30/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_

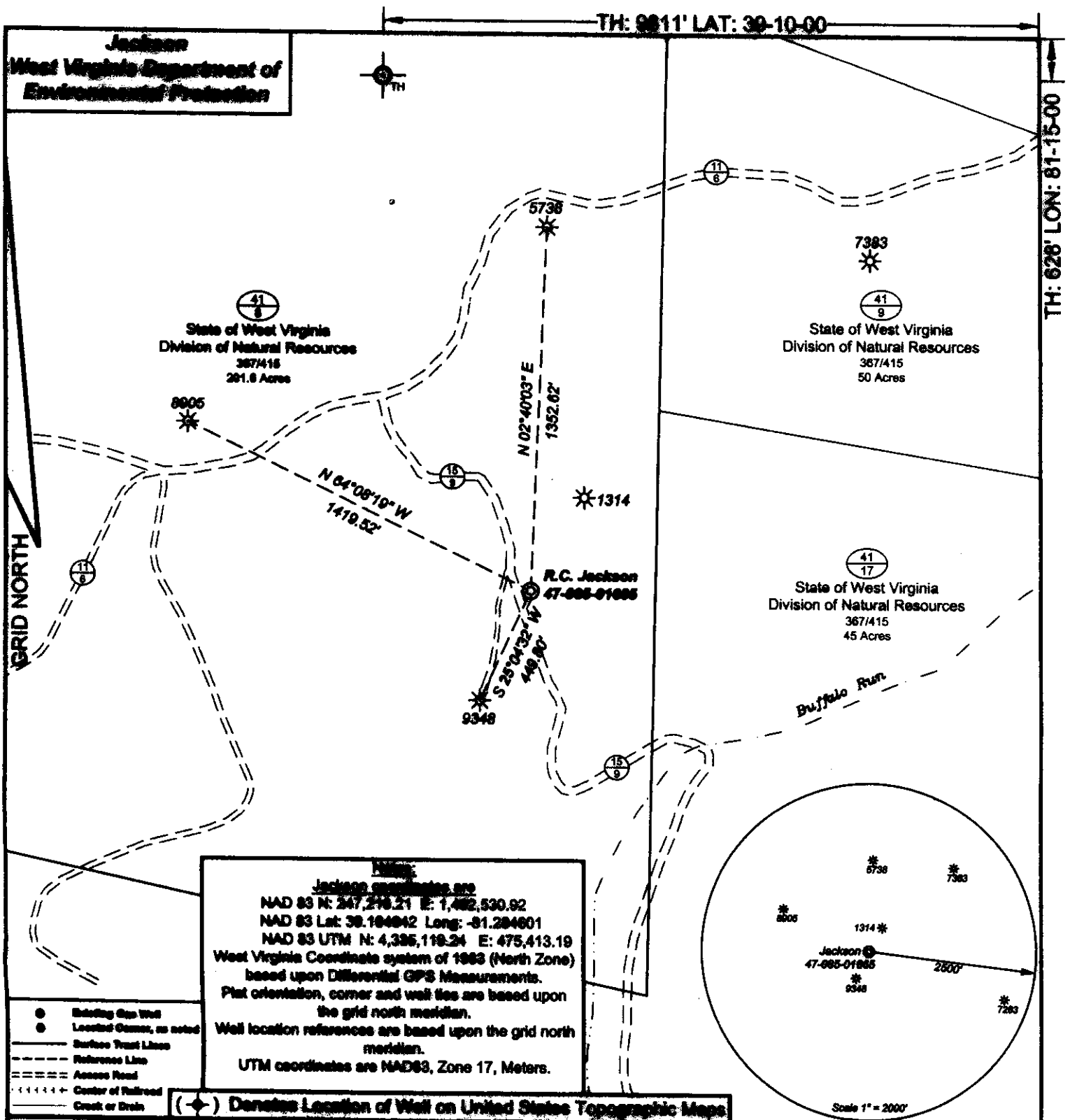
COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
0	red	soft		25			
25	dark	hard		75			
75	Flint	Hard		100			
100	Sand	hard		130			
130	red rock	soft		145			
145	slate	shaly		280			
280	Sand	Hard		290			
290	Slate	soft		360			
360	Sand	Hard		480			
480	slate	soft		490			
490	sand	hard		580			
	slate	soft		615			
	sand	hard		655			
	slate	soft		700			
	sand	hard		823			
	Lime	Hard		897			
	Sand	Hard		900			
	Lime	hard		907			
	Sand	Hard		940			
	Injan			1050			
	sand	Hard		1050			
	1/2 BBLs	Oil	1045 to	1050			



RECEIVED  
Office of Oil and Gas  
MAY 31 2023

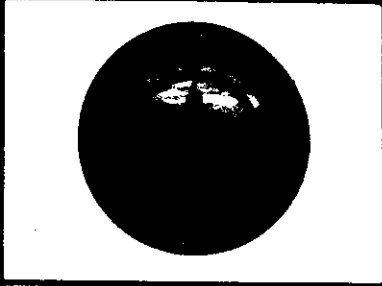
Department of Environmental Protection



**Note:**  
 Jackson coordinates are  
 NAD 83 N: 247,248.21 E: 1,482,530.92  
 NAD 83 Lat: 39.104842 Long: -81.284601  
 NAD 83 UTM N: 4,326,118.24 E: 475,413.19  
 West Virginia Coordinate system of 1983 (North Zone)  
 based upon Differential GPS Measurements.  
 Plat orientation, corner and well ties are based upon  
 the grid north meridian.  
 Well location references are based upon the grid north  
 meridian.  
 UTM coordinates are NAD83, Zone 17, Meters.

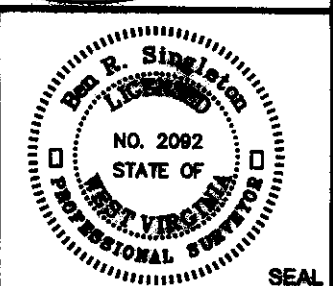
- Existing Gas Well
- Located Gas Well, as noted
- Surface Tract Lines
- Reference Line
- ==== Access Road
- +++++ Center of Railroad
- Crust or Drain

(\*) Denotes Location of Well on United States Topographic Maps



I, the undersigned, hereby certify that this plat 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 Department of Environmental Protection.

*Ben R. Singleton*  
 P.S. 2002



FILE NO: 80-23  
 DRAWING NO: Jackson  
 SCALE: 1" = 500'  
 MINIMUM DEGREE OF ACCURACY: 1:2500  
 PROVEN SOURCE OF ELEVATION: NGS CORS Station



DATE: April 17 20 23  
 OPERATOR'S WELL NO.: Jackson  
 API WELL NO  
 47 - 085 - 01665  
 STATE COUNTY PERMIT

WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  
 (IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW  
 LOCATION: ELEVATION: 918' WATERSHED: Mafkin Creek QUADRANGLE: Petroleum  
 DISTRICT: Grant COUNTY: Ritchie  
 SURFACE OWNER: State of West Virginia Division of Natural Resources ACREAGE: 201.6  
 ROYALTY OWNER: LEASE NO: ACREAGE:  
 PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY):  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Unknown ESTIMATED DEPTH: Unknown

WELL OPERATOR: Unknown - DEP Paid Plugging Contract WYDEP DESIGNATED AGENT: H. Jason Harmon  
 ADDRESS: 601 57th Street ADDRESS: 601 57th Street  
 Charleston, WV 25304 Charleston, WV 25304

06/23/2023



Kennedy, James P <james.p.kennedy@wv.gov>

---

## plugging permits issued 4708501665 08501100 08510490 08510489 08504691

1 message

---

**Kennedy, James P** <james.p.kennedy@wv.gov>

Thu, Jun 22, 2023 at 10:53 AM

To: wayne@ulenergyco.com, Henry J Harmon <henry.j.harmon@wv.gov>, Isaiah M Richards <isaiah.m.richards@wv.gov>, amossor@wvassessor.com






To whom it may concern, plugging permits have been issued for 4708501665 08501100 08510490 08510489 08504691.

James Kennedy

WVDEP OOG

---

### 5 attachments

-  **4708501100.pdf**  
1446K
-  **4708501665.pdf**  
1524K
-  **4708510490.pdf**  
2018K
-  **4708510489.pdf**  
2018K
-  **4708504691.pdf**  
2271K

06/23/2023