



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

Wednesday, September 24, 2025
WELL WORK PERMIT
Vertical / Re-Work

DEEPROCK DISPOSAL OPERATING, LLC
20225 STATE ROUTE 7

MARIETTA, OH 45750

Re: Permit approval for RITCHIE HUNTER 2 (W-1652)
47-085-10142-00-00

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.

Please be advised that form WR-35, Well Operators Report of Well Work 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:
Farm Name: MASON, PEARL EVERETT &
U.S. WELL NUMBER: 47-085-10142-00-00
Vertical Re-Work
Date Issued: 9/24/2025

Promoting a healthy environment.

09/26/2025

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. If the operator encounters an unanticipated void, or an anticipated void at an unanticipated depth, the operator shall notify the inspector within 24 hours. Modifications to the casing program may be necessary to comply with W. Va. Code §22-6-20, which requires drilling to a minimum depth of thirty feet below the bottom of the void, and installing a minimum of twenty (20) feet of casing. Under no circumstance should the operator drill more than fifty (50) feet below the bottom of the void or install less than twenty (20) feet of casing below the bottom of the void.
2. Pursuant to 35 CSR 4-19.1.a, at the request of the surface owner all water wells or springs within 1000 feet of the proposed well that are actually utilized for human consumption, domestic animals or other general use shall be sampled and analyzed.
3. Pursuant to 35 CSR 4-19.1.c, if the operator is unable to sample and analyze any water well or spring with one thousand (1,000) feet of the permitted well location, the Office of Oil and Gas requires the operator to sample, at a minimum, one water well or spring located between one thousand (1,000) feet and two thousand (2,000) feet of the permitted well location.
4. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
5. 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.
6. During the surface casing and cementing process, in the event cement does not return to the surface, or any other casing string that is permitted to circulate cement to the surface and does not return to the surface, the oil and gas inspector shall be notified within twenty-four (24) hours.
7. Well work activities shall not constitute a hazard to the safety of persons.
8. Operator shall provide the Office of Oil & Gas notification of the date that drilling commenced on this well. Such notice shall be provided by sending an email to DEPOOGNotify@wv.gov within 30 days of commencement of drilling.
9. 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.

09/26/2025

10. Permittee shall ensure that treatment pressures do not exceed a level that could result in the creation of new fractures or the extension of existing fractures.

CK# 8247
CK\$ 550.00



1) Date: _____
2) Operator's Well No. Ritchie Hunter #2 - W-1652
3) API Well No.: 47 - 085 - 10142
State County Permit
4) UIC Permit No. 2D08510142

STATE OF WEST VIRGINIA
NOTICE OF LIQUID INJECTION OR WASTE DISPOSAL WELL WORK PERMIT APPLICATION
FOR THE DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

5) WELL TYPE: Liquid Injection ☐ / Gas Injection (not storage) ☐ / Waste Disposal ☒
6) LOCATION: Elevation: 1,021 feet
District: Grant Watershed: Husker's Run and Bond Creek
County Ritchie Quadangle Ellenboro
7) WELL OPERATOR: DeepRock Disposal Solutions, LLC 8) DESIGNATED AGENT Danny Martin
Address 20225 State Route 7 Address 314 Gregg Lane
Marietta, Ohio 45750 Walker, WV 26180
9) OIL & GAS INSPECTOR TO BE NOTIFIED 10) DRILLING CONTRACTOR
Name Jeremy D. Newlon Name N/A
Address 8402 Staunton Turnpike Address _____
MacFarlan, WV 26148

11) PROPOSED WELL WORK Drill ☐ / Drill deeper ☐ / Redrill ☐ / Stimulate ☒
Plug off old formation ☐ / Perforate new formation ☐ / Convert ☐
Other physical change in well (specify) _____

12) GEOLOGIC TARGET FORMATION Oriskany Sandstone Depth 6,294 Feet (top) to 6,360 Feet (bottom)

13) Estimated Depth of Completed Well, (or actual depth of existing well): 6,447 Feet

14) Approximate water strata depths: Fresh 175 Feet Salt 1,000 Feet

15) Approximate coal seam depths: N/A - No coal mining in this area.

16) Is coal being mined in the area? Yes ☐ No ☐

17) Virgin reservoir pressure in target formation 1,400 psig Source Drilling and Completion Work

18) Estimated reservoir fracture pressure 2,940 psig (BHFP)

19) MAXIMUM PROPOSED INJECTION OPERATIONS: Volume per hour 210 Bottom hole pressure 5,035

20) DETAILED IDENTIFICATION OF MATERIALS TO BE INJECTED, INCLUDING ADDITIVES The injection well will be
treated with 2,500 gallons of 28% hydrochloric acid and some production brine to stimulate the Oriskany Sandstone. See attached stimulation procedure.

21) FILTERS (IF ANY) Bag and cartridge filters are used prior to the injection pumps. RECEIVED

22) SPECIFICATIONS FOR CATHODIC PROTECTION AND OTHER CORROSION CONTROL Office of Oil and Gas
Pipelines are supported, wrapped, and coated to reduce corrosion.

23) CASING AND TUBING PROGRAM AUG 06 2025

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL -UP OR SACKS (CU. FT.)	PACKERS WV Department of Environmental Protection
	Size	Grade	Weight per ft.	New	Used	For Drilling	Left In Well		
Conductor	13-3/8"	R-3	48#	X		35'	35'	CTS	Kinds
Fresh Water	9-5/8"	R-3	26#	X		330'	330'	CTS	Baker Hughes Hornet
Coal									Sizes
Intermediate	7"	R-3	17#	X		2,130'	2,130'	CTS	2-7/8" X 4-1/2"
Production	4-1/2"	N-80	11.6#	X		6,447'	6,447'	115 sacks	Depths set
Tubing	2-7/8"	N-80	6.5#	X		6,238'	6,238'	N/A	6,248'
Liners									Perforations
									Top Bottom
									6,294' 6,360'

24) APPLICANT'S OPERATING RIGHTS were acquired from Haught Family Trust
by deed _____ / lease x / other contract _____ / dated 12/01/2010 of record in the
County Clerk's office in Harrisville, West Virginia Book 177 Page 635

Jeremy Newlon

8-12-09/26/2025

PROPOSED ACID TREATMENT PROCEDURE FOR THE RITCHIE HUNTER #2 CLASS II INJECTION WELL

Contact Lightening Energy Services (Lightening Energy) in Weston, West Virginia and schedule them to perform the acid treatment on the Ritchie Hunter #2 injection well. West Virginia Department of Environmental Protection (WV DEP), Office of Oil and Gas and the Oil and Gas Inspector for Ritchie County, Jeremy Newlon, will be notified well in advance of the pending acid stimulation after the well workover permit has been issued by WV DEP.

Proposed Acid Stimulation Procedure

- Lightening Energy arrives onsite with monitoring truck, pump truck, and acid truck.
- Hold Job Safety Analysis (JSA) prior to commencement of operations.
- Plumb up Lightening Energy to the wellhead and connect lines to pump trucks for acid usage. Have a DeepRock Disposal Solutions vacuum truck with brine onsite to displace the acid into the formation.
- Pressure test lines for leakage. If there are no issues, proceed with commencement of acid stimulation.
- The specific gravity of 28% hydrochloric acid (HCL) is 1.14.
- Initially, start pumping brine at a low rate of one barrel per minute (bpm) and into the perforations from 6,294 to 6,332 feet (76 shots) in the upper section of the Oriskany Sandstone. Pump a total of three barrels of brine and then start acid displacement.
- Start in with 2,500 gallons of 28% HCL and additives to stabilize and inhibit corrosion from the acid at a rate of two barrels per minute into the lower perforations in the Oriskany Sandstone from 6,346 to 6,360 feet (28 shots), which are plugged off. Displacement for HCL acid to reach the top of the perforations is approximately 47.52 barrels.
- As acid reaches the top of the perforations, increase pumping rate to three bpm or higher, if necessary, to open the lower perforations and displace the acid into the formation. The anticipated maximum injection pressure needed for the acid stimulation is approximately 1,800 psig.
- After total displacement of the HCL acid into the perforations, shut down and start recording pressures - instantaneous shut-in pressure (ISIP), and then continue recording shut-in pressures for 5 minutes, 10 minutes, 15 minutes, and then finally after 30 minutes since shut down.
- Shut well in, disconnect hoses and lines then demobilize Lightening Energy and FQ Energy vacuum truck.
- Hook up well and start injection operations again.
- Copies of the acid stimulation will be given to the WV DEP oil and gas inspector and submitted to WV DEP, Office of Oil and Gas.

09/26/2025



RITCHIE HUNTER #2 – FRACTURE PRESSURE GRADIENT AND BOTTOM HOLE PRESSURE CALCULATIONS FOR ACID TREATMENT

Fracture gradient = ISIP + Ph / TVD

Ph = hydrostatic pressure (psi)

TVD – true vertical depth

ISIP = instantaneous shut-in pressure

Ritchie Hunter #2 – ISIP after 28% HCL acid job performed by ALL Consulting on January 27, 2021, = 1,435 psi

Top perforation = 6,294 feet

Specific gravity = 1.14 = 0.4936

Hydrostatic pressure = 0.4936 X 6,294 = 3,106 psi

Fracture Gradient = 1,435 psig + 3,106 / 6,294 = 4,541 / 4,862 = **0.933 psi/ft**

Maximum surface pressure to be attained = 1,800 psi

Maximum Bottom Hole Pressure (BHP) = 1,800 psi + 3,106 (hydrostatic pressure of 28% HCL at 0.4936 psi/ft X 6,294 feet) = **4,906 psi**

Fracture gradient BHP = 6,294 feet X 0.933 (frac gradient) = **5,872 psi**



Brewer, Charles T <charles.t.brewer@wv.gov>

Ritchie Hunter #2 - Acid Job

1 message

Tom Tomastik <ttomastik@all-llc.com>

Mon, Sep 22, 2025 at 5:50 PM

To: "charles.t.brewer@wv.gov" <charles.t.brewer@wv.gov>

Cc: Dave Casto <davec@deeprockds.com>

Taylor:

DeepRock Disposal will not fracture the formation or exceed the maximum allowable surface injection pressure during the acid treatment on the Ritchie Hunter #2 injection well. Let me know if you have any additional questions.

Thanks,

Tom Tomastik, Chief Geologist and Regulatory Specialist

ALL Consulting

10811 Keller Pines Court

Galena, Ohio 43021

<http://www.all-llc.com>

Office Phone: 918-382-7581

Cell Phone: 614-940-3521

09/26/2025



1) Date: _____
2) Operator's Well No. Ritchie Hunter #2 W-1652
3) API Well No.: 47 - 085 - 10142
State County Permit
4) UIC Permit No. 2D08510142

STATE OF WEST VIRGINIA
NOTICE OF LIQUID INJECTION OF WASTE DISPOSAL WELL WORK PERMIT APPLICATION
FOR THE DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS,

5) Surface Owner(S) To Be Served	7) (a) Coal Operator
(a) Name <u>Nathaniel and Pearl Everett Mason II</u>	Name <u>N/A</u>
Address <u>P.O. Box 235</u>	Address _____
<u>Ellenboro, WV</u>	
(b) Name <u>N/A</u>	7) (b) Coal Owner(S) With Declaration Of Record
Address _____	Name <u>N/A</u>
	Address _____
(c) Name <u>N/A</u>	Name _____
Address _____	Address _____
6) Inspector <u>Jeremy D. Newlon</u>	7) (c) Coal Lessee with Declaration Of Record
Address <u>8402 Staunton Turnpike</u>	Name <u>N/A</u>
<u>MacFarlan, WV 26148</u>	Address _____
Telephone <u>(304) 951-2482</u>	

RECEIVED
Office of Oil and Gas
AUG 08 2025
WV Department of
Environmental Protection

TO THE PERSONS NAMED ABOVE: You should have received this form and the following documents

- (1) The Application For A Liquid Injection or Waste Disposal Well Work Permit on Form WW-3(B), which sets out the parties involved in the drilling or other work;
- (2) The plat (surveyor's map) showing the well location on Form WW-6; and
- (3) The Construction and Reclamation Plan on Form WW-9 (unless the well work is only to plug a well), which sets out the plan for erosion and sediment control and for reclamation for the site and access road.

The date proposed for the first injection or waste disposal is 1/1 20 20.

THE REASON YOU HAVE RECEIVED THESE DOCUMENTS IS THAT YOU HAVE RIGHTS REGARDING THE APPLICATION WHICH ARE SUMMARIZED IN THE "INSTRUCTIONS" ON THE REVERSE SIDE OF THE COPY OF THE APPLICATION [(FORM WW-3(B)) DESIGNATED TO YOU. HOWEVER YOU ARE NOT REQUIRED TO TAKE 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 Well Work Permit with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental Protection, with respect to a well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice, the Application, the plat, and the Construction and Reclamation Plan 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 the mailing or delivery to the Chief.

The person signing this document shall make the following certification:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments 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 and imprisonment.

Well Operator DeepRock Disposal Solutions, LLC
Address 20225 State Route 7
Marietta, Ohio 45750
By: David Casto
Its: General Manager
Signature: David Casto

09/26/2025

INSTRUCTIONS TO APPLICANT

CONCERNING THE LINE ITEMS:

- 1) Date of Notice;
- 2) Your Well Name and Number;
- 3) To be filled out by the Office of Oil & Gas unless this well is covered by an existing permit;
- 4) To be filled out by the Office of Oil & Gas unless this well is covered by an existing permit;
- 5) Use separate sheet, if necessary;
Surface Owner(s) of record to be served with the Notice of Application. However, see also Code 22-6-9(b) if "more than three tenants in common or other co-owners of interest described in subsection (a) of this section hold interests in such lands."
- 6) Inspector;
- 7) Use separate sheet, if necessary;
 - a) "Coal Operator" means a person, firm, partnership, partnership association or corporation that proposes to or does operator a coal operator;
 - b) See Code 22-6-36;
 - c) See Code 22-6-36;

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Office of Oil and Gas
AUG 06 2025
WV Department of
Environmental Protection

CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

Filing. Code 22-6-6 and Regulation 7.02 provide that the original and two copies of the Notice and Application must be filed with the Chief, accompanied by (1) a plat in the form prescribed by Regulation 11; (2) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by code 22-6-26; and (3) the "Construction and Reclamation Plan" for Form WW-9, applicable to the plan required by Code 22-1-G(d) and the reclamation required by Code 22-6-30 and Regulation 23; unless if applicable, the consent required by code 22-6-21 from the owner of any water well or dwelling within 200 feet of the proposed well.

Service. In addition, service must be made on the surface owner(s) and the person(s) with interest in the coal. See Code 22-6-9, 22-6-13 and 22-6-14.

OFFICE USE ONLY

DRILLING PERMIT

Permit Number _____

Date: _____

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil & Gas Inspector, (Refer to No. 9) prior to the construction of roads, locations, pits for any permitted work. In addition, the Well Operator or his contractor shall notify the proper District Oil & Gas Inspector 24 hours before actual permitted work has commenced.

The permitted work is as described in the Notice of Application, plat and (if required) Construction and Reclamation Plan, subject to any modifications and conditions specified below.

Permit Expires _____ unless well work is commenced prior to that date and prosecuted with due diligence.

Bond	Agent	Plat	Casing	Fee
------	-------	------	--------	-----

CHIEF, OFFICE OF OIL & GAS

Note: Keep One Copy of this permit posted at the drilling location.

PERMIT MODIFICATIONS AND CONDITIONS (IF ANY) TO THE PROPOSED WELL WORK

RECEIVED
Office of Oil and Gas

AUG 06 2025

WV Department of
Environmental Protection

OFFICE USE ONLY

This part of Form IV-3(b) is to record the dates of certain occurrences and any follow-up inspections.

	Date		Date
Application Received	_____	Follow-up Inspection(s)	_____
Well Work Started	_____	" "	_____
Total Depth Reached	_____	" "	_____
Well Record Received	_____	" "	_____
Reclamation Completed	_____	" "	_____

OTHER INSPECTIONS

Reason: _____
Reason: _____

09/26/2025

SURFACE OWNER WAIVER

County 085Operator
Operator well numberDeepRock Disposal Solutions
Ritchie Hunter #2 W-1652**INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW2-A / 3A**

The well operator named on page WW-2A / 3A is applying for a permit from the State to do oil or gas well work. (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 **FIFTEEN (15) 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.

List of Water Testing Laboratories. The Office maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Chief to obtain a copy.

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 Well Work Permit on Form WW2-A / 3A, and attachments consisting of pages 1 through ____ including a work order on Form WW-2B / 3A, a survey plat, and a soil and erosion plan, all for proposed well work on my surface land as described therein.

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

John Mauer
Signature

Date

6/13/25

Company
Name
By
Its

10142

Print Name

John Mauer *John Mauer*

FOR EXECUTION BY A CORPORATION, ETC.

Date

Signature

Date

09/26/2025

WW-2A / 3A Coal Waiver

COAL OPERATOR, OWNER, OR LESSEE WAIVER

County Ritchie

Operator DeepRock Disposal Solution:

Operator's Well Number Ritchie Hunter #2 W-1652

INSTRUCTIONS TO COAL OPERATOR, OWNER, OR LESSEE

To the coal operator, owner, or lessee named on page WW-2A / 3A. You are hereby notified that any objection you wish to make or are required to make by WV Code 22-6-15, 16 or 17, must be filed with the Chief of the Office of Oil and Gas within fifteen (15) days after the receipt of this application by the Office. Mail objections to:

Chief, Office of Oil and Gas
Department of Environmental Protection
601 57th St. SE
Charleston, WV 25304
(304) 926-0499 extension 1654

RECEIVED
Office of Oil and Gas

AUG 06 2025

WV Department of
Environmental Protection

WAIVER

The undersigned coal operator N/A/ owner N/A/ lessee N/A/ of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of well location, the well location has been added to the mine map. 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.

FOR EXECUTION BY A NATURAL PERSON

FOR EXECUTION BY A CORPORATION, ETC.

_____	Date _____	Company Name <u>N/A</u>	_____
Signature		By _____	_____
		Its _____	Date _____
		Signature _____	Date _____

09/26/2025

**INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE
Chapter 22, Article 6, Section 8(d)
IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)**

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that –

- (1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page
Haught Family Trust	Whittle Corporation	12.5%	177/635

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Office of Oil and Gas
AUG 06 2025
WV Department of
Environmental Protection


**Acknowledgement of Possible Permitting/Approval
In Addition to the Office of Oil and Gas**

The permit applicant for the proposed well work addressed in this application hereby acknowledges the possibility of the need for permits and/or approvals from local, state, or federal entities in addition to the DEP, Office of Oil and Gas, including but not limited to the following:

- WV Division of Water and Waste Management
- WV Division of Natural Resources
- WV Division of Highways
- U.S. Army Corps of Engineers
- U.S. Fish and Wildlife Service
- County Floodplain Coordinator

The applicant further acknowledges that any Office of Oil and Gas permit in no way overrides, replaces, or nullifies the need for other permits/approvals that may be necessary and further affirms that all needed permits/approvals should be acquired from the appropriate authority before the affected activity is initiated.

Well Operator:
By: Its:



DeepRock Disposal Solutions, LLC

General Manager

09/26/2025

WW-2B1
(5-12)

Well No. Ritchie Hunter #2 W-1652

West Virginia Department of Environmental Protection
Office of Oil and Gas

NOTICE TO SURFACE OWNERS

The well operator named below is preparing to file for a permit from the state to drill a new well. Before a well work permit can be filed with the Chief of the Office of Oil and Gas, the well operator is required to have given notice of the right to request water well or spring analytical testing. This notice shall be given to the owners or occupants of land which have a water well or spring being utilized for human consumption, domestic animals, or other general use and which is located within 1000 feet of the proposed well site.

With this form, the operator is giving you notice of your right to request analytical testing. The operator is required to sample and analyze the water wells or springs of all owners or occupants who request it. Therefore, if you wish to have your water well or spring tested, contact the operator named below.

All sampling shall be completed prior to drilling. Within thirty (30) days of the receipt of such sample analyses the operator shall submit the results to the Chief of the Office of Oil and Gas and to the owners or occupants who may have requested them.

Be advised, you have the right to sample and analyze any water supply at your own expense.

Listed below is the laboratory chosen by operator to perform analysis, and contractor chosen to collect sample.

Certified Laboratory Name Microbac Laboratories 158 Starlite Drive Marietta, Ohio 45750
Sampling Contractor To be determined

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Office of Oil and Gas

AUG 06 2025

Well Operator DeepRock Disposal Solutions, LLC
Address 20225 State Route 7
Marietta, Ohio 45750
Telephone (740) 236-2135

WV Department of
Environmental Protection

FOR OPERATOR'S USE ONLY: Below, or on an attached page, list those persons which were given this notice. Place an asterisk beside the one(s) that contacted you and requested sampling and analyses. If there were no requests made, indicate by underling which one you have selected to sample and analyze. If there are no water wells or springs within 1000 feet of the proposed site, the Chief may require the operator to test wells up to 2000 feet from the proposed site.

09/26/2025

WW-9
(2/15)

API Number 47 - 085 - 10142
Operator's Well No. Ritchie Hunter #2 W-1652

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

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name DeepRock Disposal Solutions OP Code 85-3668865

Watershed (HUC 10) Husker's Run and Bond Creek Quadrangle Ellenboro

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
- ☐ Underground Injection (UIC Permit Number _____)
- ☐ Reuse (at API Number _____)
- ☐ Off Site Disposal (Supply form WW-9 for disposal location)
- ☒ Other (Explain N/A)

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) N/A

-Landfill or offsite name/permit number? N/A

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 August 1, 2005, 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 David Casto

Company Official (Typed Name) David Casto

Company Official Title General Manager

BAMBI CARPENTER
Notary Public
State of Ohio
My Comm. Expires
November 7, 2029

Subscribed and sworn before me this 18 day of July, 2025

Bambi Carpenter Notary Public

My commission expires Nov. 7, 2029



09/26/2025

Jeremy Newlon 8-12-2025

DeepRock Disposal SolutionsProposed Revegetation Treatment: Acres Disturbed No disturbance Prevegetation pH N/ALime N/A Tons/acre or to correct to pH N/AFertilizer type N/AFertilizer amount N/A lbs/acreMulch N/A Tons/acre**Seed Mixtures****Temporary****Permanent**

Seed Type lbs/acre

Seed Type lbs/acre

Attach:

Drawing(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided)

Photocopied section of involved 7.5' topographic sheet.

N/APlan Approved by: Jeremy Newlon

Comments: _____

RECEIVED
Office of Oil and Gas
AUG 06 2025
WV Department of
Environmental Protection

Title: Oil & Gas InspectorDate: 8-12-2025

Field Reviewed? () Yes () No

09/26/2025



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

Well Work permit issued 4708510142

1 message

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

Wed, Sep 24, 2025 at 9:52 AM

To: Jeremy D Newlon <jeremy.d.newlon@wv.gov>, davec@deeprockds.com, "ttomastik@all-llc.com" <ttomastik@all-llc.com>, amossor@wvassessor.com

To whom it may concern, a well work permit has been issued for 4708510142.

--

James Kennedy

Environmental Resource Specialist III / Permitting

WVDEP Office of Oil and Gas

601 57th Street, SE

Charleston, WV 25304

304-926-0499 ext. 45025

james.p.kennedy@wv.gov



4708510142.pdf

1439K

09/26/2025