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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)

Friday, January 9, 2026  
WELL WORK PERMIT  
Vertical / New Drill

MOUNTAINEER WELL SERVICES LLC  
63899 WINTERGREEN RD.

LORE CITY, OH 43755

Re: Permit approval for Norma Smith 1R  
47-085-10580-00-00

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.

H. Jason Harmon  
Acting Chief

A handwritten signature in black ink that reads "Jason Harmon".

Operator's Well Number: Norma Smith 1R  
Farm Name: ROGER SMITH WAYNE SMITH ROGER SMITH AND DAUGHTER  
U.S. WELL NUMBER: 47-085-10580-00-00  
Vertical New Drill  
Date Issued: 1/9/2026

Promoting a healthy environment.

01/16/2026

# 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. 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](mailto: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.

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## PROPOSED STEP-RATE TEST PROCEDURE

### NORMA SMITH #1 (085-XXXXX), RITCHIE COUNTY, WEST VIRGINIA

The following step-rate test is proposed to assist the West Virginia DEP, Office of Oil and Gas in establishing a maximum allowable surface injection pressure for the Norma Smith #1 saltwater disposal well.

#### Proposed Step-Rate Testing Procedure

- Prior to testing, move in two 500-barrel frac tanks (1,000 barrels) on to location and fill with produced water. A vacuum truck should be on standby to refill tanks accordingly during testing if necessary.
- Approximately 24 hours prior to testing, move in wireline unit. Install two downhole digital pressure recording devices above top perforation to record bottom hole pressure and allow for pressure stabilization. The wireline downhole pressure gauges will be tied off at the surface to record bottom hole pressures during the step-rate test.
- Lightening Energy will provide the pumping service with a cement pump truck that can pump at 0.5 barrels per minute.
- Pump schedule as per proposed Step-Rate Test Schedule provided on the following page starting at the minimum stable rate attainable by the pumps. The proposed step-rate test schedule is designed such that the surface injection pressure will be below the expected formation fracture gradient during at least three (3) injection steps of the test. Each step must be performed for the same duration of 30 minutes.
- Injection rates will be controlled with a constant flow regulator that has been tested prior to use. Injection rates will be measured with a calibrated flowmeter. If there is a clear indication that during testing that the fracture pressure of the formation pressure has been exceeded (i.e., 3 readings above the fracture pressure are observed), or if no breakdown is achieved at the end of the 10 steps then the test will conclude.
- As soon as formation fracture (breakdown) is achieved or at the end of the step-rate test with no breakdown, immediately shut down and record instantaneous shut-in pressure and continue recording shut in pressure fall off for 5 minutes, 10 minutes, 15 minutes, and 30 minutes after shutting down.
- Disconnect all hoses and lines and demobilize Lightening Energy and vacuum trucks. Have wireline unit back onsite to retrieve downhole pressure gauges.
- Get copies of all pumping services for inspector, Mountaineer Well Services, LLC, ALL Consulting, and WV DEP, Office of Oil and Gas.
- ALL Consulting will analysis the data and develop a log graph showing all step-rate test data from both the surface and bottom hole pressure data and provide an evaluation of the step-rate test.

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- WV DEP, Office of Oil and Gas allows the maximum allowable surface injection pressure to be 80% of formation fracture (breakdown) pressure.

<b>Step Rate Test Schedule</b>					
<b>Step #</b>	<b>Rate (bpm)</b>	<b>Fluid Type</b>	<b>Stg Vol (bbl)</b>	<b>Cum Vol (bbl)</b>	<b>Stg Time (mins)</b>
1	0.5	Produced Water	15	15	30
2	1	Produced Water	30	45	30
3	1.5	Produced Water	45	90	30
4	2	Produced Water	60	150	30
5	2.5	Produced Water	75	225	30
6	3	Produced Water	90	315	30
7	3.5	Produced Water	105	420	30
8	4	Produced Water	120	540	30
9	4.5	Produced Water	135	675	30
10	5	Produced Water	150	825	30
<b>Total</b>				<b>825 bbls</b>	<b>5 HRS</b>

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FORM WW-3 (A)  
(Instructions to Applicant)  
1/12

## 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;

### 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.

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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
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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

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: \_\_\_\_\_

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WW-2A / 3A Surface Waiver

## SURFACE OWNER WAIVER

County RitchieOperator  
Operator well numberMountaineer Well Services LLC  
Norma Smith #1R**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 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 **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

FOR EXECUTION BY A CORPORATION, ETC.

A. Wayne Smith  
Signature

Date 12/30/25  
Company Name  
By  
Its

A. WAYNE SMITH  
Print Name

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Office of Oil and Gas

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WV Department of  
Environmental Protection

Signature

Date

01/16/2026



## SURFACE OWNER WAIVER

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Operator well numberMountaineer Well Services LLC  
Norma Smith #1 R**INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW2-A / 3A**

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FOR EXECUTION BY A NATURAL PERSON

FOR EXECUTION BY A CORPORATION, ETC.

*Roger A. Smith*  
Signature  
Roger A. Smith  
Print Name

Date 12/30/25 Company  
By  
Its  
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WV Department of  
Environmental Protection

\_\_\_\_\_  
Date  
\_\_\_\_\_  
Signature  
\_\_\_\_\_  
Date

01/16/2026



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WW-2A / 3A Surface Waiver

## SURFACE OWNER WAIVER

County

Ritchie

Operator

Mountaineer Well Services LLC

Operator well number

Norma Smith #1R

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Department of Environmental Protection  
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Charleston, WV 25304  
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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

FOR EXECUTION BY A CORPORATION, ETC.

*Darren T. Smith*  
Signature

Date 12/30/2025 Company  
Name  
By

DARREN T. Smith

Print Name

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Office of Oil and Gas

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WV Department of  
Environmental Protection

Signature

Date

01/16/2026



WW-2A1  
(Rev. 1/11)

Operator's Well Number Norma Smith #1R

**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
Jennings A Smith	Craig L Harden	1/8	164/410
See Lease amendment ratification	Standard Oil Company, Inc	cents per bbl	328/708-713
Term assignment Standard Oil Company, Inc	Cheetah Exploration & Production LLC	cents per bbl	328/714

**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.

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Well Operator:  
By: Its:

Mountaineer Well Services, LLC

Darshan Vyss, owner *Al*

01/16/2026



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Instrument: 00230001 07  
09/06/2023 3 11:23:25 AM  
MEMORANDUM  
Book 340 & Page 572  
Pages Recorded: 3  
Recording Fee: \$

## MEMORANDUM OF ASSIGNMENT

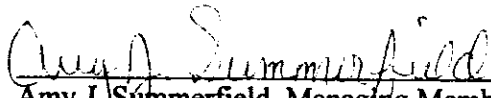
This Memorandum of Assignment is made and entered into this 3<sup>rd</sup> day of November, 2022, by and between **Cheetah Exploration & Production, LLC**, with a mailing address of P. O. Box 2722, Buckhannon, West Virginia 26201, (hereinafter, "Assignor"), and **Mountaineer Well Services, LLC**, with a mailing address of 114 Southgate Parkway, Cambridge, Ohio 43725, (hereinafter, "Assignee").

**WHEREAS**, by Partial Assignment and Conveyance of Oil and Gas Leases dated the 27<sup>th</sup> day of October, 2022, Assignor did assign to the Assignee all right, title and interest in and to the lease formations from the bottom of the Onondaga formation to a depth of 7,000 feet, for the purpose of drilling, completing and operating a Class II disposal well on the Leaseholds described in Exhibit "A", hereby attached and made a part of this Agreement.

**NOW, THEREFORE**, the undersigned parties agree to place of record this Memorandum of Assignment for purposes of providing notice of same.

**IN WITNESS WHEREOF**, the Assignor and Assignee have caused this Memorandum of Assignment to be effective as of the 27<sup>th</sup> day of October, 2022.

**Cheetah Exploration and Production, LLC**

  
Amy J. Summerfield, Managing Member

**Mountaineer Well Services, LLC**

  
Ernie Malas, Managing Member

*[Notary Page to Follow]*

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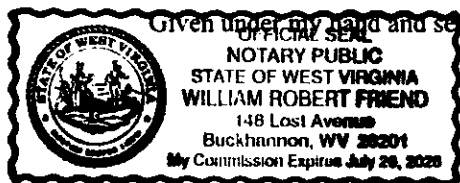
WV Department of  
Environmental Protection

01/16/2026

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STATE OF WEST VIRGINIA.  
COUNTY OF UPSHUR, TO-WIT:

I, William R. Friend, a Notary Public in and for the county and state aforesaid, do hereby certify that Amy J. Summerfield, who signed the writing above bearing date the 2 day of November, 2022, for Cheetah Exploration and Production, LLC, a West Virginia limited liability company, has this day acknowledged the same to be the act and deed of said company.



Given under my hand and seal this 2 day of November, 2022.

William R. Friend  
Notary Public

My commission expires: July 28, 2026

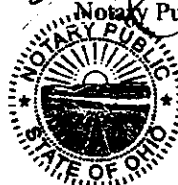
STATE OF OHIO,  
COUNTY OF FRANKLIN, TO-WIT:

I, Alexis Sidwell, a Notary Public in and for the county and state aforesaid, do hereby certify that Ernie Malas, who signed the writing above bearing date the 3rd day of November, 2022, for Mountaineer Well Services, LLC, a West Virginia limited liability company, has this day acknowledged the same to be the act and deed of said company.

Given under my hand and seal this 3rd day of November, 2022.

Alexis Sidwell  
Notary Public

My commission expires: 12/16/2025



ALEXIS AKIA SIDWELL  
Notary Public, State of Ohio  
My Comm. Expires 12/16/2025.

This instrument prepared by Cheetah Exploration and Production, LLC, P. O. Box 2722,  
Buckhannon, West Virginia 26201

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Office of Oil and Gas

AN 08 2026

WV Department of  
Environmental Protection

01/16/2026

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**Exhibit A**

<b>Lessor</b>	<b>Lessee</b>	<b>Date/Original Lease</b>	<b>Acreage</b>	<b>Book/Page</b>	<b>County</b>	<b>District</b>
Jennings A. Smith	Craig Harden	9/27/1983	157	164/470	Ritchie	Grant
Oil Gas and Historical Industrial Association	Cheetah Exploration & Production, LLC	8/3/2021	95	329/502	Ritchie	Grant
Daniel E. Wyatt	Cheetah Exploration & Production, LLC	8/23/2021	165	330/452	Ritchie	Grant

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WV Department of  
Environmental Protection

01/16/2026

WW-2B1  
(5-12)

Well No. Norma Smith #1R

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 Sturm Environmental  
Sampling Contractor GCS Consulting, LLC

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Well Operator Mountaineer Well Services, LLC  
Address 579 Campus Drive Suite 220  
Westerville, Ohio 43082  
Telephone 614-599-8625

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.

① Wayne & Elaine Smith  
96 Nutter Farm Road  
Cairo, WV 26337

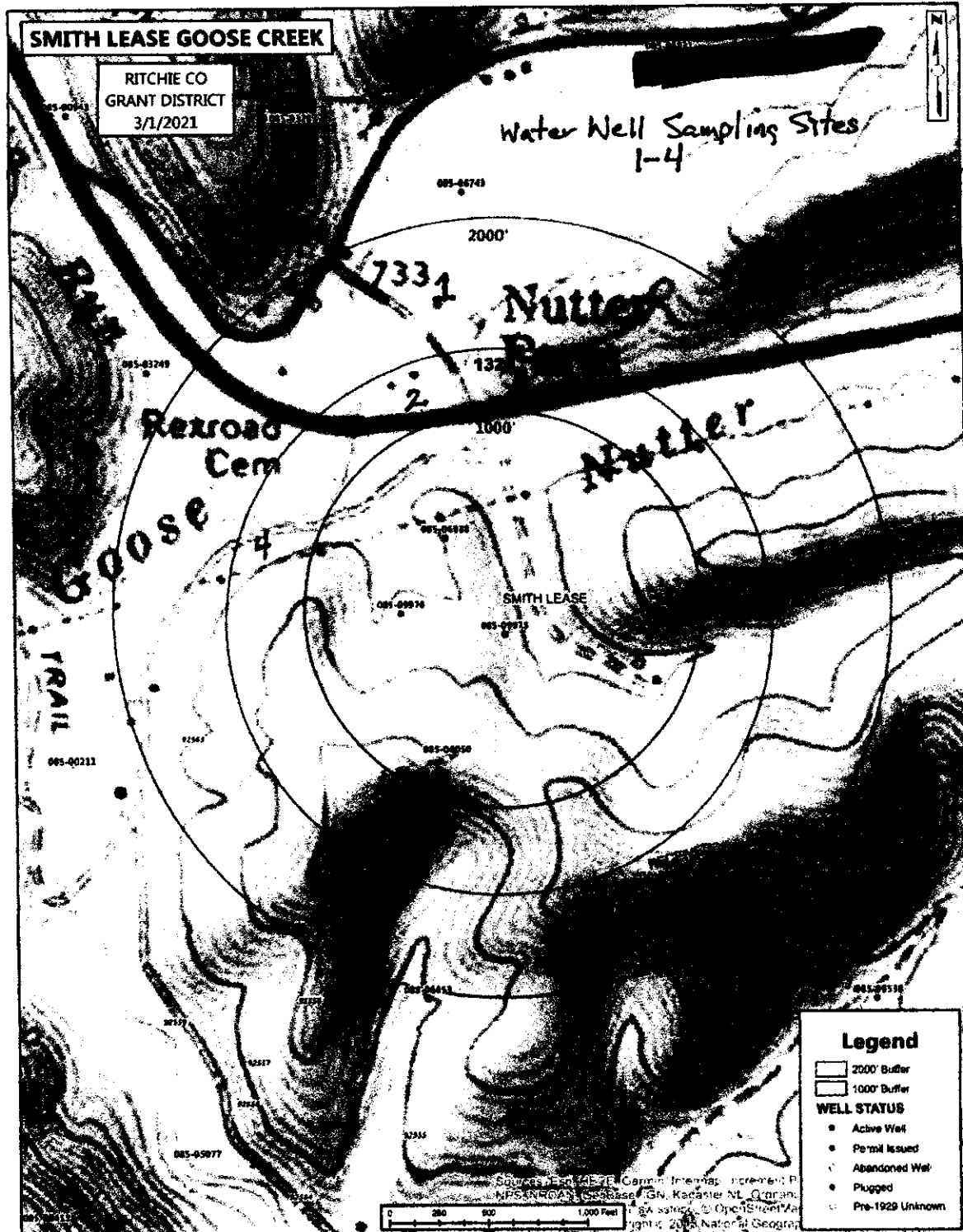
② Kelly Haga  
67 Nutter Farm Road  
Cairo, WV 26337

③ Shannon Stanley  
22 Nutter Farm Road  
Cairo, WV 26337

④ Bill Rhinehart  
461 Goose Creek Rd  
Petroleum, WV 26161

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4708510580

UNIVERSITY OF WEST VIRGINIA

# STURM ENVIRONMENTAL SERVICES

STURM ENVIRONMENTAL SERVICES  
P.O. BOX 650  
BRUSHY FORK ROAD  
BRIDGEPORT, WV 26330  
PHONE: 304-623-6549  
FAX: 304-623-6552

STURM ENVIRONMENTAL SERVICES  
P.O. BOX 8337  
610 D STREET  
S.O. CHARLESTON, WV 25303  
PHONE: 304-744-9864  
FAX: 304-744-7866

REPORT TO: Client Name:

Address:

City/State/Zip:

Contact Person:

Telephone Number:

Email Address:

Sampler Name: (Print)

Project Name:

Special Reporting:

BILL TO: Client Name:

Address:

City/State/Zip:

Contact Person:

Telephone Number:

Email Address:

Purchase Order #:

TURN AROUND TIME:

Date Needed

Standard RUSH (pre-scheduled; surcharges may apply) Please Check One

1 DAY 2 DAY 3

Sample ID / Description	START DATE	START TIME	END DATE	END TIME	DATE	TIME	ICE	OTHER	PRESERVATIVE	MATRIX	ANALYZE FOR:	# of Bottles	Field pH	Flow (gpm, cfs, mgd) circle one	Field Conductivity	Field DO	Field Chlorine (mg/L or ug/L) circle mg/L
① Wayne Smith	1/35/25	13:25			3/4/25	11:45											
② Shannon Stanley	1/14/25	11:45			12:45 pm	12:25											
③ Kelly Hays	1/14/25	11:45			12:45 pm	12:50											
④ Bill Buehert	1/14/25	11:45			12:45 pm	12:50											

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VICTORIA L. HOOPS, PRESIDENT

COMPANY: MOUNTAINEER WELL SERVICES

DATE/TIME SAMPLED:\* 03-04-25 1250

SAMPLE ID: BILL RINEHART  
NORMA SMITH #1 PERMIT

DATE/TIME RECEIVED: 03-05-25 1300

SAMPLED BY: G. SMITH

LABORATORY ID: MWS 250305-4

PARAMETER	TEST RESULTS	UNITS	METHOD	METHOD DETECTION LIMIT	MINIMUM REPORTING LIMIT	DATE/TIME ANALYZED	ANALYST
pH	7.4 e	units	SM 22 <sup>nd</sup> 4500 H B	.1	2.-10.	03-05-25 1504	JV
TDS	232	mg/L	USGS 1-1750-85	4	50	03-08-25 1235	JH/MM
SO <sub>4</sub>	27.3	mg/L	EPA 300.0 Rev 2.1-1993	3.00	10.0	03-10-25 1732	DC
Cl	4.25	mg/L	EPA 300.0 Rev 2.1-1993	1.00	1.0	03-08-25 1222	DC
MBAS	U	mg/L	SM22 <sup>nd</sup> 5540C	.02	.04	03-05-25 1858	SW
Br	.14 J	mg/L	EPA 300.0 Rev 2.1-1993	.10	.50	03-14-25 2057	DC
Sr	847.	ug/L	EPA 200.8 Rev 5.4-1994	.25	1.0	03-12-25 1115	DB
Ba	188.	ug/L	EPA 200.8 Rev 5.4-1994	.06	1.0	03-12-25 1115	DB
Fe	U	mg/L	EPA 200.8 Rev 5.4-1994	.05	.25	03-07-25 1128	DB
Mn	U	mg/L	EPA 200.8 Rev 5.4-1994	.001	.002	03-07-25 1128	DB
Al	U	mg/L	EPA 200.8 Rev 5.4-1994	.015	.02	03-07-25 1128	DB
As	.18 J	ug/L	EPA 200.8 Rev 5.4-1994	.10	1.0	03-07-25 1128	DB
Na	28.3	mg/L	EPA 200.8 Rev 5.4-1994	.05	.10	03-07-25 1128	DB
Ca	45.3	mg/L	EPA 200.8 Rev 5.4-1994	.10	.10	03-07-25 1128	DB

\*Client Provided

\*\*See Attached. The following results meet or exceed requirements and standards set forth by the certifying authority except where noted.

## Data Qualifiers

- B Analyte found in reagent blank. Indicates possible reagent or background contamination.  
 E Estimated Reported value exceeded calibration range.  
 J Reported value is an estimate because concentration is less than reporting limit.  
 PND Precision not determined.  
 R Sample results rejected because of gross deficiencies in QC or method performance. Re-sampling and/or re-analysis is necessary.  
 RND Recovery not determined.  
 U Compound was analyzed for, but not detected.  
 O Out of holding. Time does not meet 40 CFR 136/141 compliance.  
 T This result is not supported by our certification ID.  
 A Does not meet 40 CFR 136/141 compliance.  
 C Does not meet 47 CSR 32 compliance.

Narrative:

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**CHARLESTON FIELD OFFICE**—POST OFFICE BOX 8337 • SOUTH CHARLESTON, WEST VIRGINIA 25303-0337 • (304) 744-9864



4708510580

# Sturm Environmental Services

VICTORIA L. HOOPS, PRESIDENT

COMPANY: MOUNTAINEER WELL SERVICES

DATE/TIME SAMPLED:\* 03-04-25 1225

SAMPLE ID: SHANNON STANLEY  
NORMA SMITH #1 PERMIT

DATE/TIME RECEIVED: 03-05-25 1300

SAMPLED BY: G. SMITH

LABORATORY ID: MWS 250305-3

PARAMETER	TEST RESULTS	UNITS	METHOD	METHOD DETECTION LIMIT	MINIMUM REPORTING LIMIT	DATE/TIME ANALYZED	ANALYST
pH	7.0 c	units	SM 22 <sup>nd</sup> 4500 H B	.1	2.-10.	03-05-25 1504	JV
TDS	105	mg/L	USGS I-1750-85	4	50	03-08-25 1235	JH/MM
SO <sub>4</sub>	11.0	mg/L	EPA 300.0 Rev 2.1-1993	3.00	10.0	03-10-25 1732	DC
Cl	2.46	mg/L	EPA 300.0 Rev 2.1-1993	1.00	1.0	03-08-25 1222	DC
MBAS	U	mg/L	SM22 <sup>nd</sup> 5540C	.02	.04	03-05-25 1858	SW
Br	U	mg/L	EPA 300.0 Rev 2.1-1993	.10	.50	03-14-25 2057	DC
Sr	553.	ug/L	EPA 200.8 Rev 5.4-1994	.25	1.0	03-12-25 1115	DB
Ba	234.	ug/L	EPA 200.8 Rev 5.4-1994	.06	1.0	03-12-25 1115	DB
Fe	U	mg/L	EPA 200.8 Rev 5.4-1994	.05	.25	03-07-25 1128	DB
Mn	U	mg/L	EPA 200.8 Rev 5.4-1994	.001	.002	03-07-25 1128	DB
Al	.053	mg/L	EPA 200.8 Rev 5.4-1994	.015	.02	03-07-25 1128	DB
As	.46 J	ug/L	EPA 200.8 Rev 5.4-1994	.10	1.0	03-07-25 1128	DB
Na	7.71	mg/L	EPA 200.8 Rev 5.4-1994	.05	.10	03-07-25 1128	DB
Ca	25.8	mg/L	EPA 200.8 Rev 5.4-1994	.10	.10	03-07-25 1128	DB

\*Client Provided

\*\*See Attached. The following results meet or exceed requirements and standards set forth by the certifying authority except where noted.

## Data Qualifiers

- B Analyte found in reagent blank. Indicates possible reagent or background contamination.  
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 J Reported value is an estimate because concentration is less than reporting limit.  
 PND Precision not determined.  
 R Sample results rejected because of gross deficiencies in QC or method performance. Re-sampling and/or re-analysis is necessary.  
 RND Recovery not determined.  
 U Compound was analyzed for, but not detected.  
 O Out of holding. Time does not meet 40 CFR 136/141 compliance.  
 T This result is not supported by our certification ID.  
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 C Does not meet 47 CSR 32 compliance.

Narrative:

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*Douglas H. Bando*WV Department of  
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01/16/2026

01/16/2026



4708510580



VICTORIA L. HOOPS, PRESIDENT

COMPANY: MOUNTAINEER WELL SERVICES

DATE/TIME SAMPLED:\* 03-04-25 1205

SAMPLE ID: KELLY HAGA  
NORMA SMITH #1 PERMIT

DATE/TIME RECEIVED: 03-05-25 1300

SAMPLED BY: G. SMITH

LABORATORY ID: MWS 250305-2

PARAMETER	TEST RESULTS	UNITS	METHOD	METHOD DETECTION LIMIT	MINIMUM REPORTING LIMIT	DATE/TIME ANALYZED	ANALYST
pH	7.6 e	units	SM 22 <sup>nd</sup> 4500 H B	.1	2.-10.	03-05-25 1504	JV
TDS	509	mg/L	USGS I-1750-85	4	50	03-08-25 1235	JH/MM
SO <sub>4</sub>	31.9	mg/L	EPA 300.0 Rev 2.1-1993	3.00	10.0	03-10-25 1732	DC
Cl	148.	mg/L	EPA 300.0 Rev 2.1-1993	1.00	1.0	03-08-25 1222	DC
MBAS	U	mg/L	SM22 <sup>nd</sup> 5540C	.02	.04	03-05-25 1858	SW
Br	.22 J	mg/L	EPA 300.0 Rev 2.1-1993	.10	.50	03-14-25 2057	DC
Sr	2.65	ug/L	EPA 200.8 Rev 5.4-1994	.25	1.0	03-12-25 1115	DB
Ba	1.99	ug/L	EPA 200.8 Rev 5.4-1994	.06	1.0	03-12-25 1115	DB
Fe	U	mg/L	EPA 200.8 Rev 5.4-1994	.05	.25	03-07-25 1128	DB
Mn	.002	mg/L	EPA 200.8 Rev 5.4-1994	.001	.002	03-07-25 1128	DB
Al	U	mg/L	EPA 200.8 Rev 5.4-1994	.015	.02	03-07-25 1128	DB
As	1.62	ug/L	EPA 200.8 Rev 5.4-1994	.10	1.0	03-07-25 1128	DB
Na	195.	mg/L	EPA 200.8 Rev 5.4-1994	.05	.10	03-07-25 1128	DB
Ca	.22	mg/L	EPA 200.8 Rev 5.4-1994	.10	.10	03-07-25 1128	DB

\*Client Provided

\*\*See Attached. The following results meet or exceed requirements and standards set forth by the certifying authority except where noted.

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 PND Precision not determined.  
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01/16/2026

# Sturm Environmental Services

01/16/2026



4708510580



VICTORIA L. HOOPS, PRESIDENT

COMPANY: MOUNTAINEER WELL SERVICES

DATE/TIME SAMPLED:\* 03-04-25 1145

SAMPLE ID: WAYNE SMITH  
NORMA SMITH #1 PERMIT

DATE/TIME RECEIVED: 03-05-25 1300

SAMPLED BY: G. SMITH

LABORATORY ID: MWS 250305-1

PARAMETER	TEST RESULTS	UNITS	METHOD	METHOD DETECTION LIMIT	MINIMUM REPORTING LIMIT	DATE/TIME ANALYZED	ANALYST
pH	7.8 c	units	SM 22 <sup>nd</sup> 4500 H B	.1	2.-10.	03-05-25 1504	JV
TDS	314	mg/L	USGS I-1750-85	4	50	03-08-25 1235	JH/MM
SO <sub>4</sub>	U	mg/L	EPA 300.0 Rev 2.1-1993	3.00	10.0	03-10-25 1732	DC
Cl	59.5	mg/L	EPA 300.0 Rev 2.1-1993	1.00	1.0	03-08-25 1222	DC
MBAS	U	mg/L	SM22 <sup>nd</sup> 5540C	.02	.04	03-05-25 1858	SW
Br	.23 J	mg/L	EPA 300.0 Rev 2.1-1993	.10	.50	03-14-25 2057	DC
Sr	314.	ug/L	EPA 200.8 Rev 5.4-1994	.25	1.0	03-12-25 1115	DB
Ba	362.	ug/L	EPA 200.8 Rev 5.4-1994	.06	1.0	03-12-25 1115	DB
Fe	.14	mg/L	EPA 200.8 Rev 5.4-1994	.05	.25	03-07-25 1128	DB
Mn	.087	mg/L	EPA 200.8 Rev 5.4-1994	.001	.002	03-07-25 1128	DB
Al	U	mg/L	EPA 200.8 Rev 5.4-1994	.015	.02	03-07-25 1128	DB
As	5.08	ug/L	EPA 200.8 Rev 5.4-1994	.10	1.0	03-07-25 1128	DB
Na	121.	mg/L	EPA 200.8 Rev 5.4-1994	.05	.10	03-07-25 1128	DB
Ca	14.8	mg/L	EPA 200.8 Rev 5.4-1994	.10	.10	03-07-25 1128	DB

\*Client Provided

\*\*Sec Attached. The following results meet or exceed requirements and standards set forth by the certifying authority except where noted.

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Approved

*Douglas H. Banta*

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01/16/2026

WW-9  
(2/15)

API Number 47 - 085 - \_\_\_\_\_  
Operator's Well No. Norma Smith #1R

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

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name Mountaineer Well Services, LLC OP Code 494526888

Watershed (HUC 10) Nutter Fork Goose Creek Quadrangle Cairo

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: Drilling fluids

Will a synthetic liner be used in the pit? Yes ☒ No ☐ If so, what ml.? 20

Proposed Disposal Method For Treated Pit Wastes:

- ☒ Land Application
- ☒ Underground Injection ( UIC Permit Number 10142 )
- ☐ 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 maybe if needed

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. air, freshwater, brine

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

Additives to be used in drilling medium? bio soap, clay inhibitors

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. Leave in pit or landfill if use Synthetic

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

-Landfill or offsite name/permit number? Wetzel

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 [Signature] RECEIVED  
Office of Oil and Gas

Company Official (Typed Name) DARSHAN VYAS

Company Official Title Owner

AN 08 2026

Subscribed and sworn before me this January day of 2026 WV Department of  
Environmental Protection

[Signature] Notary Public

My commission expires 3-11-2030

Jeremy Newlon 1-8-2026



MICHELLE L. BENNETT  
Notary Public  
State of Ohio  
My Comm. Expires  
March 11, 2030

01/16/2026



Form WW-9

Operator's Well No. Norma Smith #1R

**Mountaineer Well Services, LLC**

Proposed Revegetation Treatment: Acres Disturbed 5 Prevegetation pH 5.5

Lime 2 Tons/acre or to correct to pH 6.5

Fertilizer type 10-20-20 or equivalentFertilizer amount 500 lbs/acre

Mulch	Hay or Straw	Tons/acre
-------	--------------	-----------

### Seed Mixtures

### Temporary

**Permanent**

Seed Type	lbs/acre
Contractors Mix	100

Seed Type	lbs/acre
Contractors Mix	100

**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.

Plan Approved by: Jeremy Newton

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

Title: Off Inspector Date: 1-8-2026

Field Reviewed? ☒ Yes ☐ No

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WW-9- GPP  
Rev. 5/16

Page 1 of 2  
API Number 47 -            -             
Operator's Well No. Norma Smith #1R

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

Operator Name: Mountaineer Well Services, LLC

Watershed (HUC 10): Goose Creek Hughes River 0503020311

Quad: Cairo

Farm Name: Wayne, Roger and Darren Smith

1. List the procedures used for the treatment and discharge of fluids. Include a list of all operations that could contaminate the groundwater.

Attached is the procedure being used to treat and discharge fluids. List of possible contamination operations.....Breach in liner, Land applying fluids too quickly, Improper treatment of fluids. Ponding and runoff.

2. Describe procedures and equipment used to protect groundwater quality from the list of potential contaminant sources above.

Be careful not to puncture/rip liner and properly treat pit. Maintain steady flowing discharge and allow no run off or ponding.

3. List the closest water body, distance to closest water body, and distance from closest Well Head Protection Area to the discharge area.

Goose Creek is approximately 1000 feet and the closest WHPA is 9.5 miles Northwest to Belmont.

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

DEP-OOG regulates casing ran across freshwater producing zones and cemented to surface. Also have BMPs in place for surface water and secondary tank containment requirements Injection operations including facility per Underground Injection Control Program guidelines observed as Class II.

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

01/16/2026

Four (4) water wells within 2000' have been sampled and the analyses are available with the drilling application through the WVDEP-OOG.

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

No material will be used for deicing or fill material on the property.

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

Contractors and employees will be instructed on preventing spillage and the proper maintenance/operation of the treatment process. Direction will be provided on the prevention of contamination and the quick response methods to be utilized for handling possible contamination issues.

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

Inspections will be made continually during the treatment and discharge operations. Notes will be taken hourly and be available upon request.

Signature: 

Date: 1/7/26

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## Treatment & Discharge of Drilling Pit

1st Notify DEP Inspector of Work

Field test Water in Pit Column

1. Correct Water Parameters to acceptable levels
2. Ph 6.0 to 10.0
- Cl less than 5,000 ppm - Category 1

pit has to be less than 5,000 ppm

Fe < 10 ppm

Dissolved oxygen > 2.5 ppm

3. Correct parameters with Hydrated Lime or Aluminum Sulfate i.e., Alum or

Aeration - Aeration has to equal 1.5 pit volumes

4. After treatment Resample Pit volume, assuring Water parameter correction

5. Notify inspector for land application

6. 3rd party sample water for parameters

7. Upon approval land Apply water on vegetated ground, using silt sacks or perforated Hose to evenly spread water.

8. Fill out and supply W.V. DEP

WR-34 form which is the Discharge

Monitor Report



4708510580

Goose Creek Road

Goose Creek

County Route 18

Dominion Energy

buried gas line

225' @ 5% cut

road to be widened

culvert extended

side drain

existing access

600' @ 10% cut

road to be widened

crumbling blacktop

farm

PIT

culvert

trans. cut

floor

fill

silt

barrier

sediment

fence

well: Norma Smith #1R

J. Smith #4  
API 47-085-6938

API 47-085-1056

floor pits  
150' x 8' x 12'

NOT TO SCALE

N

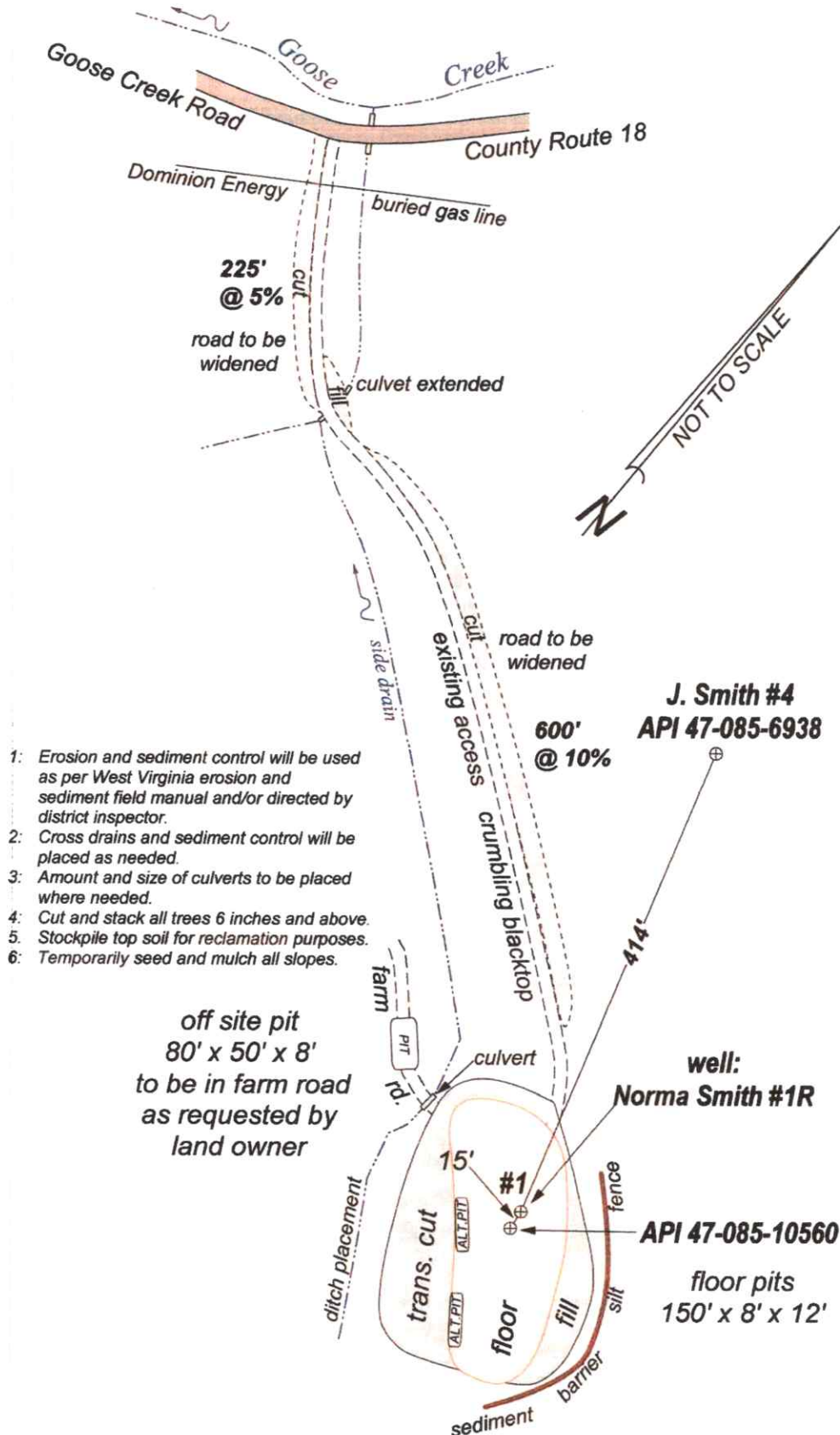
P.T. Dug 50' x 80' x 8'

JAN 08 2026

WV Department of  
Environmental Protection

01/16/2026

**MOUNTAINEER WELL SERVICES, LLC**  
**Well: Norma Smith # 1R**  
**Norma Smith, et al +/- 157 Acre Lease**  
**Grant District Ritchie County West Virginia**



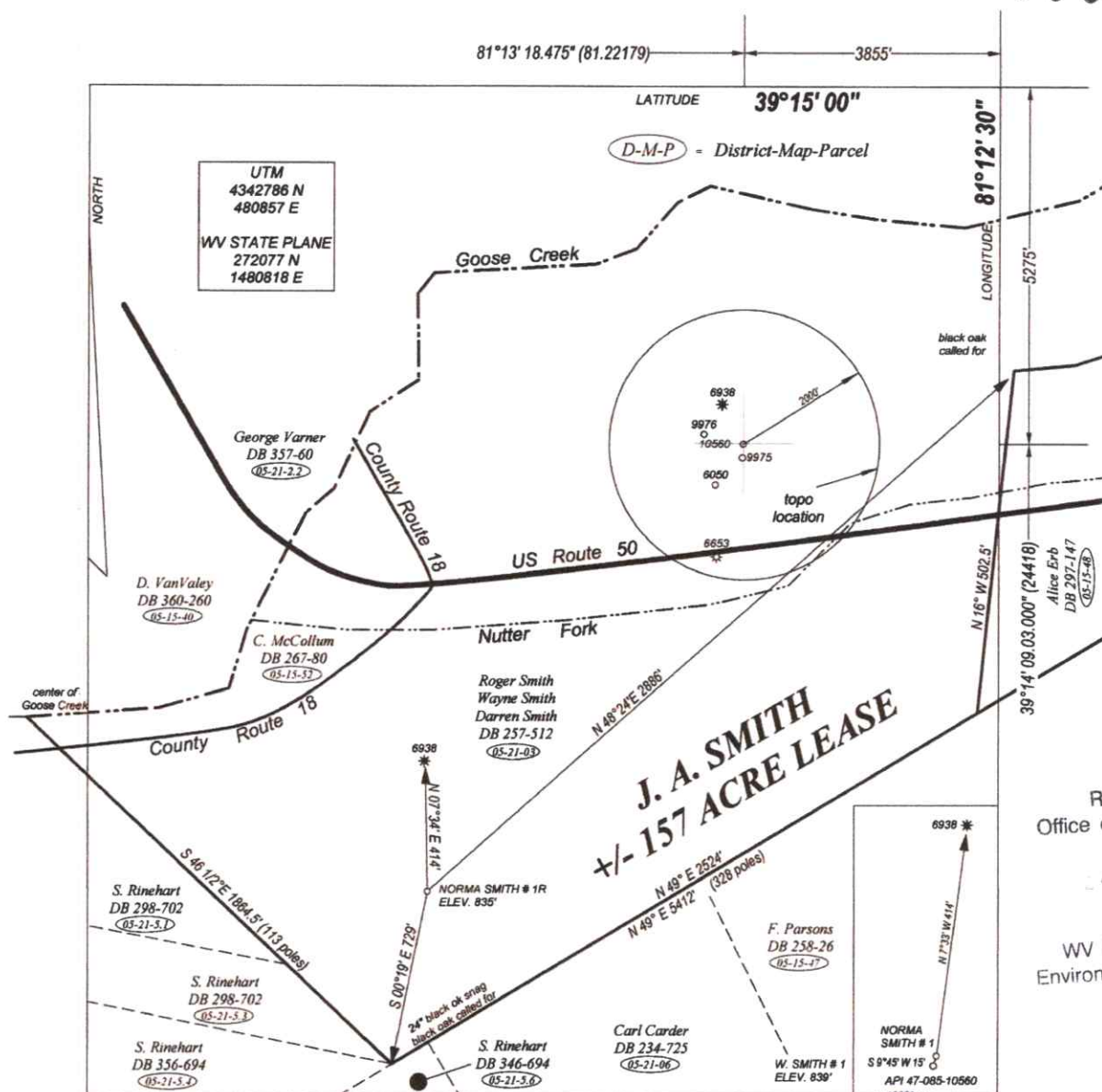
- 1: Erosion and sediment control will be used as per West Virginia erosion and sediment field manual and/or directed by district inspector.
- 2: Cross drains and sediment control will be placed as needed.
- 3: Amount and size of culverts to be placed where needed.
- 4: Cut and stack all trees 6 inches and above.
- 5: Stockpile top soil for reclamation purposes.
- 6: Temporarily seed and mulch all slopes.

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WV Department of  
Environmental Protection

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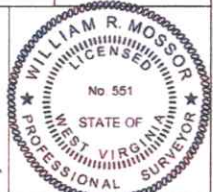
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WV Department of  
Environmental Protection

FILE NO. \_\_\_\_\_  
DRAWING NO. \_\_\_\_\_  
SCALE 1" = 500'  
MINIMUM DEGREE  
OF ACCURACY 1:200  
PROVEN SOURCE  
OF ELEVATION GPS  
OBSERVATION

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 ENERGY

(SIGNED) *[Signature]*  
PROFESSIONAL SURVEYOR: 551



**STATE OF WEST VIRGINIA**  
**DEPARTMENT OF ENERGY**  
**DIVISION OF OIL AND GAS**

DATE DECEMBER 31ST, 2025  
OPERATORS WELL NO. NORMA SMITH #1R

**API 47 - 085 -**  
STATE COUNTY PERMIT

WELL TYPE: OIL ☐ GAS ☐ LIQUID INJECTION ☐ WASTE DISPOSAL ☒  
(IF GAS) PRODUCTION ☐ STORAGE ☐ DEEP ☒ SHALLOW ☐

LOCATION: ELEVATION 835' WATER SHED NUTTER FORK OF GOOSE CREEK  
DISTRICT GRANT COUNTY MITCHELL QUADRANGLE CAIRO

SURFACE OWNER ROGER SMITH 1/3, WAYNE SMITH 1/3, ROGER SMITH & DARREN SMITH 1/3 ACREAGE +/- 157.63  
OIL & GAS ROYALTY NORMA SMITH, ET AL LEASE AC +/- 157

PROPOSED WORK: DRILL ☒ CONVERT ☐ DRILL DEEPER ☐ REDRILL ☐  
FRACTURE OR STIMULATE ☒ PLUG OFF OLD FORMATION ☐  
PERFORATE NEW FORMATION ☒  
OTHER PHYSICAL CHANGE IN WELL \_\_\_\_\_  
PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG ☐

TARGET FORMATION ORISKANY - BASS ISLAND ESTIMATED DEPTH 5700' TO 6300'

WELL OPERATOR MOUNTAINEER WELL SERVICES, LLC DESIGNATED AGENT PAT BRAKE  
ADDRESS 579 CAMPUS DRIVE, SUITE 220 ADDRESS P. O. BOX 2722  
WESTERVILLE, OH 43087 BUCKHANNON, WV 26201

FORM WV-8

COUNTY NAME  
PERMIT

01/16/2026

GCS Consulting, LLC  
628 Amma Road, Clendenin West Virginia 25045  
304-444-0085 [genecsmith17@gmail.com](mailto:genecsmith17@gmail.com)

4708510580

CK# 1309  
\$550-

December 30, 2025

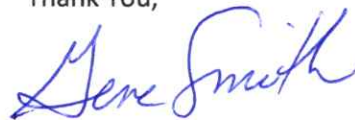
Mr. Charles Brewer  
West Virginia Department of Environmental Protection  
Office of Oil and Gas  
601 57th Street  
Charleston, WV 25304

Re: Mountaineer Well Services Drilling Permit Application for Norma Smith #1R

Mr. Brewer,

Per our recent conversation, the drilling of Norma Smith #1 47-85-10560 was ceased December 24, 2025 due to a red rock issue when drilling the intermediate hole. The well bore has been abandoned by plugging with cement up inside the existing 13 3/8" surface casing, which is cemented to surface. Mountaineer wishes to continue to drill on this site and skid to a re permit. Please find a new drilling application enclosed including waivers. Be advised that the rig is on location and I am requesting to be contacted as soon as permit is issued.

Thank You,



Gene Smith  
GCS Consulting, LLC

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01/16/2026



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**GCS Consulting, LLC**  
**4282 Amma Road, Amma West Virginia 25005**  
**304-444-0085 genecsmith17@gmail.com**

December 30, 2025

Mr. Taylor Brewer, Assistant Chief of Permitting  
West Virginia Department of Environmental Protection  
Office of Oil and Gas  
601 57<sup>th</sup> Street  
Charleston, WV 25304

Re: Step rate test Request for Norma Smith #1R by Mountaineer Well Services, LLC

Taylor,

Plans are to drill a new commercial Class II disposal well in Ritchie County West Virginia. The Well Work application to apply for this permit has been submitted to the WVDEP-Office of Oil and Gas along with this request. When this permit is issued and drilled Mountaineer Well Services, LLC wishes to conduct a step rate test on the Oriskany and the Bass Island formations. Open hole logs will provide details of formation thicknesses and areas to perforate. Correlation with API 47-085-07367 and 47-85-09538 would have the Oriskany at 5755-5846 feet and the Bass Island at 6151-6196 feet. Plans are then to acidize the perforated intervals through 4 1/2" casing with up to 1500 gallons of 20%- 28% HCL and then conduct the test. If the test is successful a complete UIC Permit application will be submitted for review. The packer will be set within 100 feet of the top of the Oriskany. The test procedure provided by ALL Consulting is attached. The maximum injection pressure will be established by the Office of Oil and Gas based upon the information that has been provided. The duration of the test will be up to 8 hours.

On behalf of Mountaineer Well Services, LLC I am hereby asking for written approval to conduct the step rate test. Should you need additional information or wish to discuss it feel free to contact me. Thanks for the consideration.

Gene Smith



GCS Consulting, LLC

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JAN 08 2026

WV Department of  
Environmental Protection

01/16/2026



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

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## well work permit issued 4708510580

1 message

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

Fri, Jan 9, 2026 at 1:27 PM

To: Jeremy D Newlon <jeremy.d.newlon@wv.gov>, geneccsmith17@gmail.com, amossor@wvassessor.com

To whom it may concern, a well work permit has been issued for 4708510580.

--

***James Kennedy***

Environmental Resource Specialist III / Permitting

WVDEP Office of Oil and Gas

601 57<sup>th</sup> Street, SE

Charleston, WV 25304

304-926-0499 ext. 45025

[james.p.kennedy@wv.gov](mailto:james.p.kennedy@wv.gov)



**4708510580.pdf**

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