



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

Monday, November 28, 2022
WELL WORK PERMIT
Vertical / New Drill

MOUNTAINEER WELL SERVICES LLC
114 SOUTHGATE PARKWAY

CAMBRIDGE, OH 43725

Re: Permit approval for Mountaineer Services 1
47-095-02761-00-00

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: Mountaineer Services 1
Farm Name: BENS RUN LAND COMPANY
U.S. WELL NUMBER: 47-095-02761-00-00
Vertical New Drill
Date Issued: 11/28/2022

Promoting a healthy environment.

12/02/2022

PERMIT CONDITIONS

West Virginia Code §22-6-11 allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

CONDITIONS

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.

WW - 2B
(Rev. 8/10)

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WELL WORK PERMIT APPLICATION

1) Well Operator: Mountaineer Well Services, LLC 494526888 Tyler Union Bens Run 7.5'
Operator ID County District Quadrangle

2) Operator's Well Number: MOUNTAINEER SERVICE 1 3) Elevation: 636'

4) Well Type: (a) Oil or Gas
(b) If Gas: Production / Underground Storage
Deep / Shallow

5) Proposed Target Formation(s): Juniata Proposed Target Depth: 8000'

6) Proposed Total Depth: 8050' Feet Formation at Proposed Total Depth: Juniata

7) Approximate fresh water strata depths: 100'

8) Approximate salt water depths: 692'

9) Approximate coal seam depths: No mineable coal

10) Approximate void depths,(coal, Karst, other): N/A, Outside Solution Mining Area

11) Does land contain coal seams tributary to active mine? N/A

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OCT 12 2021

WV Department of
Environmental Protection

12) Describe proposed well work and fracturing methods in detail (attach additional sheets if needed)

Acidize and stimulate with 5000 bbls of filtered brine through tubing.

JEB
10/12/2021

13) CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft	For Drilling	Left in Well	
Conductor	30"	H-40	120	100	100	Surface (383 Cu Ft.)
Fresh Water	20"	H-40	94	450	450	Surface (647 Cu. Ft.)
Coal	13 3/8"	J-55	54.5	2300	2300	Surface (1996 Cu. Ft.)
Intermediate	9 5/8"	J-55	40	5550	5550	3550 (1389 Cu. Ft.)
Production	7"	P-110	23	8000	8000	3000 (400 Cu. Ft.)
Tubing	4 1/2"	N-80	11.6	5650	5650	
Liners	N/A	N/A	N/A	N/A	N/A	N/A

Packers: Kind: _____
Sizes: _____
Depths Set _____

12/02/2022

WW-2A
(Rev. 6-14)

1.) Date: 9/30/21
2.) Operator's Well Number Mountaineer Service 1
State 47- County - Permit -
3.) API Well No.: -

**STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE AND APPLICATION FOR A WELL WORK PERMIT**

4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>Bens Run Land Company Limited</u>	Name <u>N/A</u>
Address <u>1105 Schrock Rd., Ste. 602</u>	Address <u>-</u>
<u>Columbus, OH 43229</u>	
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>None</u>
	Address _____
(c) Name _____	Name _____
Address _____	Address _____
6) Inspector <u>Craig Blevins</u>	(c) Coal Lessee with Declaration
Address <u>1407 19th St.</u>	Name <u>None</u>
<u>Vienna, WV 26105</u>	Address _____
Telephone <u>304-382-5933</u>	

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Environmental Protection

TO THE PERSONS NAMED ABOVE TAKE NOTICE THAT:

OR Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas

x- Included is the information required by Chapter 22, Article 6, Section 8(d) of the Code of West Virginia (see page 2)
I certify that as required under Chapter 22-6 of the West Virginia Code I have sent copies of this notice and application, a location plat, and accompanying documents pages 1 through - on the above named parties by:

- Personal SeNice (Affidavit attached)
- X Certified Mail (Postmarked postal receipt attached)
- Publication (Notice of Publication attached)

I have read and understand Chapter 22-6 and 35 CSR 4, and I agree to the terms and conditions of any permit issued under this application.

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, 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 Mountaineer Well Services, LLC
 By: Ernie Malas
 Its: President
 Address: P.O. Box 20265
Columbus, OH 43220
 Telephone: 614-348-7460
 Email: erniemalas@gmail.com

Subscribed and sworn before me this 30 day of September 2021

My Commission Expires 3-1-2025

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

12/02/2022

4709502761B

WW-2A Surface Waiver
(4/16)

SURFACE OWNER WAIVER

County Tyler

Operator
Operator well number

Mountaineer Well Service
MOUNTAINEER SERVICE No. 1.

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW2-A

The well operator named on page WW2A 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..."

OCT 14 2021

Office of Oil and Gas
WV Department of Environmental Protection

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, and attachments consisting of pages 1 through ___ including a work order on Form WW2-B, a survey plat, WW-9, 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.

Signature

Date

Company Name

BENS RUN LAND COMPANY
LIMITED PARTNERSHIP

By
Its

By PROBE RESOURCES, INC.

IS GENERAL PARTNER

Date

By DENISE IRWIN
DENISE IRWIN, TREASURER

Print Name

Signature

10/12/21 Date

12/02/2022

WW-2A Surface Waiver
(4/16)

SURFACE OWNER WAIVER

County _____ Operator _____
Operator well number Mountaineer Service 1

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW2-A

The well operator named on page WW2A 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:**

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Chief, Office of Oil and Gas
Department of Environmental Protection
601 57th St SE
Charleston, WV 25304
(304) 926-0450

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The Chief has the power to deny or condition a well work permit based on comments on the following grounds:

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- 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.

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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, and attachments consisting of pages 1 through _____ including a work order on Form WW2-B, a survey plat, WW-9, 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.

[Signature]
Signature
Ernie Malas
Print Name

Date 09/30/2021
09/30/2021

Company Name N/A
By _____
Its _____
Date _____

Signature _____
Date _____

12/02/2022

4709502761B

WW-2A Coal Waiver

COAL OPERATOR, OWNER, OR LESSEE WAIVER

County _____

Operator _____

Operator's Well Number MOUNTAINEER SERVICE # 1

INSTRUCTIONS TO COAL OPERATOR, OWNER, OR LESSEE

To the coal operator, owner, or lessee named on page WW2-A. 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

WAIVER

The undersigned coal operator _____ / owner _____ / lessee _____ / 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.

Signature

Date

Company
Name
By
Its

Date

Signature

Date

No COAL

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12/02/2022

WW-2A1
(Rev.1/11)

Operator's Well Number Mountaineer Service 1

**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
Bens Run Land Company	Bens Run Solutions	N/A	OR132/588
Bens Run Solutions	Mountaineer Services LLC	NA	OR132/592

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

WV Department of
Environmental Protection

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: Ernie Malas
By: Its: Mountaineer Well Services, LLC
President

47095027618



Neil A. Archer II
1223525
OR 132 Pgs 588 - 591
LEASE
FEE: \$12.00

Tyler County, WV
09/10/2021 01:33 PM
Pages:4

TAX: \$0.00

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WV Department of
Environmental Protection

MEMORANDUM OF LEASE

This Memorandum of Lease (this --Memorandum") is effective as of May 21, 2021 (the "Effective Date"), by and between **Bens Run Land Company Limited Partnership**, an Ohio limited partnership, whose address is 1105 Schrock Rd., Suite 602, Columbus, Ohio 43229 ("Lessor"), and between **Bens Run Solutions LLC**, an Ohio limited liability company, whose address is 1105 Schrock Rd., Suite 602, Columbus, Ohio 43229 ("Lessee").

WHEREAS:

Lessor is the owner of the surface and subsurface rights in the 18.95 acre tract identified on the plat attached to this Memorandum as Revised Exhibit A, which tract is located in Union District, Tyler County, West Virginia (the "Property").

Lessor and Lessee are the "Lessor" and "Lessee," respectively, pursuant to a certain Amended and Restated Disposal Well Lease dated May 21, 2021, which encumbers the Property (the "Lease"), and desire to execute this Memorandum as evidence of the Lease.

The Lease by its terms grants to Lessee the right to use the Property to drill one or more wells for the purpose of disposing "Wastewater," as defined in the Lease, beneath the surface of the Property, all on such term and conditions as set forth in the Lease.

The initial term of the Lease commences on the Effective Date and ends on the later of September 30, 2026 or the date all of Lessee's permitted activities on the Property have terminated.

The parties desire to enter into this Memorandum which is to be recorded in Tyler County, West Virginia, in order that third parties may have notice of the interest of Lessee in the Property and the certain rights granted to Lessee in the Property as part of the Lease.

NOW, THEREFORE, in consideration of the rentals and royalties set forth in the Lease, which is hereby incorporated by reference, and of the terms, covenants and conditions on the part of Lessee to be performed and/or observed under the Lease, Lessor has leased and does hereby lease unto Lessee, and Lessee has leased and does hereby take and lease from Lessor, the Property.

For all purposes of the Lease, the "Property" shall mean the 18.95-acre tract that is a part of those certain tracts of land containing approximately 1,288.295 acres situated in Union District, Tyler County, West Virginia and Union District, Pleasants County, West Virginia, as described in that certain Deed from Bens Run Land Company to Bens Run Land Company Limited Partnership dated December 29, 1992 and recorded in Deed Book 297, Page 241 in the

BENS RUN LAND COMPANY LIMITED PARTNERSHIP
THOMAS E. MOLONEY
1105 SCHROCK ROAD SUITE 602
COLUMBUS, OH 43229

12/02/2022

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Environmental Protection

Office of the Clerk of the County Commission of Tyler County, West Virginia, and being a part of the Union District, Tyler County Tax Map 11, Parcel 7.

All of the terms, conditions, provisions and covenants of the Lease are hereby incorporated into this Memorandum by reference as though fully set forth herein, and the Lease and this Memorandum shall be deemed to constitute a single instrument or document. Should there be any inconsistency between the terms of this Memorandum and the Lease, the terms of the Lease shall prevail.

This Memorandum if placed of record may be terminated of record by the filing in the same recording office of a Notice of Termination of Lease signed by either Lessor or Lessee, which Notice shall contain the affidavit of an authorized representative of the signatory stating that, in accordance with the terms of the Lease, the Lease has terminated and that the signatory has given at least 10 days' prior written notice to all of the parties to the Lease that it intended to file such a Notice of Termination of Lease after that 10-day period had elapsed.

This Memorandum supersedes in its entirety the certain Memorandum of Lease dated effective as of September 16, 2019 between Lessor and Lessee and recorded as Instrument Number 1212079 in Book 55, Page 100 of the Official Records of Tyler County, West Virginia (the "Prior Memorandum"), which Prior Memorandum shall be deemed terminated and of no further force and effect as of the recording of this Memorandum in Tyler County, West Virginia.

This Memorandum shall be binding upon and inure to the benefit of Lessor and Lessee and their respective personal representatives, successors and assigns.

The execution, delivery and recordation of this Memorandum shall have no effect upon, and is not intended as an amendment of any of the terms and conditions of the Lease.

Lessor and Lessee have duly executed this Memorandum as of the Effective Date.

LESSOR:
BENS RUN LAND COMPANY LIMITED
PARTNERSHIP
By: Probe Resources, Its: General Partner

LESSEE
BENS RUN SOLUTIONS LLC,
an Ohio limited liability

By: Gerald S. Jacobs, Pres.
Gerald S. Jacobs, President

By: Gerald S. Jacobs, Pres.
Gerald S. Jacobs, President

[Acknowledgments on following page]

STATE OF OHIO
COUNTY OF FRANKLIN

The foregoing instrument was acknowledged before me on September 1, 2021 by Gerald S. Jacobs, the president of Probe Resources, Inc., an Ohio corporation which is the general partner of Bens Run Land Company Limited Partnership, an Ohio limited partnership, on behalf of that corporation and that partnership.



DENISE M. AMSPOKER
NOTARY PUBLIC
STATE OF OHIO
Comm. Expires
08-14-2022

Denise M. Amspoker

Notary Public

STATE OF OHIO
COUNTY OF FRANKLIN

The foregoing document was acknowledged before me on September 1, 2021, by Gerald S. Jacobs, President of Bens Run Solutions LLC, an Ohio limited liability company, on behalf of that company.



DENISE M. AMSPOKER
NOTARY PUBLIC
STATE OF OHIO
Comm. Expires
08-14-2022

Denise M. Amspoker

Notary Public

This instrument prepared by:
Bens Run Solutions LLC
1105 Schrock Road, Suite 602
Columbus, OH 43229

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Office of Oil and Gas

NOV 04 2022

WV Department of
Environmental Protection

4709502761B



Neil A Archer I
1223526
OR 132 Pgs 592 - 595
LEASE
FEE: \$12.00

Tyler County, WV
09/10/2021 01:33 PM
Pages: 4

TAX: \$0.00

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Office of Oil and Gas

NOV 04 2022

WV Department of
Environmental Protection

MEMORANDUM OF LEASE

This Memorandum of Lease (this "Memorandum") is effective as of May 22, 2021 ("Effective Date"), by and between **Bens Run Solutions LLC**, an Ohio limited liability company, whose address is 1105 Schrock Rd., Suite 602, Columbus, Ohio 43229 ("Lessor"), and **Mountaineer Services LLC**, an Ohio limited liability company doing business in West Virginia as Mountaineer Well Services LLC, whose address is 2121 Bethel Road, Suite A, Columbus, Ohio 43220 ("Lessee").

WHEREAS:

Pursuant to a certain Amended and Restated Disposal Well Lease between Bens Run Land Company Limited Partnership and Lessor dated May 21, 2021 (the "Base Lease"), Lessor is the lessee of the surface and subsurface rights in the 18.95 acre tract identified on the plat attached to this Memorandum as Revised Exhibit A, which tract is located in Union District, Tyler County, West Virginia (the "Property").

Lessor and Lessee are the "Lessor" and "Lessee," respectively, pursuant to a certain Amended and Restated Disposal Well Lease dated May 22, 2021 (the "Lease"), which encumbers the Property, and desire to execute this Memorandum as evidence of the Lease.

The Lease by its terms grants to Lessee the right to use the Property to drill one or more wells for the purpose of disposing "Wastewater," as defined in the Lease, beneath the surface of the Property, all on such term and conditions as set forth in the Lease.

The initial term of the Lease commences on the Effective Date and ends on May 22, 2022, but may continue to such later date that all of Lessee's permitted activities on the Property have terminated in accordance with the terms of the Lease.

The parties desire to enter into this Memorandum which is to be recorded in Tyler County, West Virginia, in order that third parties may have notice of the interest of Lessee in the Property and the certain rights granted to Lessee in the Property as part of the Lease.

NOW, THEREFORE, in consideration of the rentals and royalties set forth in the Lease, which is hereby incorporated by reference, and of the terms, covenants and conditions on the part of Lessee to be performed and/or observed under the Lease, Lessor has leased and does hereby lease unto Lessee, and Lessee has leased and does hereby take and lease from Lessor, the Property.

For all purposes of the Lease, the "Property" shall mean the 18.95-acre tract that is a part of those certain tracts of land containing approximately 1,288.295 acres situated in Union District, Tyler County, West Virginia and Union District, Pleasants County, West Virginia, as

BENS RUN LAND COMPANY LIMITED PARTNERSHIP
THOMAS E HOLENEY
1105 SCHROCK ROAD SUITE 602
COLUMBUS, OH 43229

12/02/2022

described in that certain Deed from Bens Run Land Company to Bens Run Land Company Limited Partnership dated December 29, 1992 and recorded in Deed Book 297, Page 241 in the Office of the Clerk of the County Commission of Tyler County, West Virginia, and being a part of the Union District, Tyler County Tax Map 11, Parcel 7.

A Memorandum of Lease for the Base Lease has been recorded in the Office of the Clerk of the County Commission of Tyler County, West Virginia, as Instrument No. IJ...J...3J.S.

All of the terms, conditions, provisions and covenants of the Lease are hereby incorporated into this Memorandum by reference as though fully set forth herein, and the Lease and this Memorandum shall be deemed to constitute a single instrument or document. Should there be any inconsistency between the terms of this Memorandum and the Lease, the terms of the Lease shall prevail.

This Memorandum if placed of record may be terminated of record by the filing in the same recording office of a Notice of Termination of Lease signed by either Lessor or Lessee, which Notice shall contain the affidavit of an authorized representative of the signatory stating that, in accordance with the terms of the Lease, the Lease has terminated and that the signatory has given at least 10 days' prior written notice to all of the parties to the Lease that it intended to file such a Notice of Termination of Lease after that 10-day period had elapsed.

This Memorandum supersedes in its entirety the certain Memorandum of Lease dated effective as of October 1, 2019 between Lessor and Lessee and recorded as Instrument Number 1212080 in Book 55, Page 104 of the Official Records of Tyler County, West Virginia (the "Prior Memorandum"), which Prior Memorandum shall be deemed terminated and of no further force and effect as of the recording of this Memorandum in Tyler County, West Virginia.

This Memorandum shall be binding upon and inure to the benefit of Lessor and Lessee and their respective personal representatives, successors and assigns.

The execution, delivery and recordation of this Memorandum shall have no effect upon, and is not intended as an amendment of any of the terms and conditions of the Lease.

Lessor and Lessee have duly executed this Memorandum as of the Effective Date.

LESSOR:
BENS RUN SOLUTIONS LLC,
an Ohio limited liability company

By: Gerald S. Jacobs, Pres.
Gerald S. Jacobs, President

LESSEE:
MOUNTAINEER SERVICES LLC,
an Ohio limited liability company

By: [Signature]
Ernie Malas, Manager

[Acknowledgments on following page]

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WV Department of
Environmental Protection

Acknowledgements

STATE OF OHIO
COUNTY OF FRANKLIN

The foregoing document was acknowledged before me on September 1, 2021, by Gerald S. Jacobs, President of Bens Run Solutions LLC, an Ohio limited liability company, on behalf of that company.



DENISE M. AMSPOKER
NOTARY PUBLIC
STATE OF OHIO
Comm. Expires
08-14-2022

Denise M. Amspoker

Notary Public

STATE OF OHIO
COUNTY OF FRANKLIN

The foregoing document was acknowledged before me on September 2, 2021 by Ernie Malas, Manager of Mountaineer Services LLC, an Ohio limited liability company, on behalf of that company.



THOMAS E. MOLONEY
Attorney At Law
Notary Public, State of Ohio
My commission has no expiration date
Sec. 147.03 R.C.

Thomas E. Moloney

Notary Public

This instrument prepared by:
Bens Run Solutions LLC
1105 Schrock Road, Suite 602
Columbus, OH 43229

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4709502761B

WW-2B1
(5-12)

Well No. Bens Run 1

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 contactor chosen to collect sample.

Certified Laboratory Name Fairway Labs
Sampling Contractor SLS Land & Energy Development

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Well Operator Mountaineer Well Services, LLC
Address P.O. Box 20265
Columbus, OH 43220

OCT 12 2021

WV Department of
Environmental Protection

Telephone _____

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.

No WATER WELLS WITHIN 2000'

12/02/2022

WV-2B1 ATTACHMENT (1)

Letters were sent to anyone with a parcel completely within or partially within a 2000' radius. No water wells were identified and no one requested samples. After letters were sent, a field visit was conducted to try and identify water wells or find sample recipients but none have been located.

Tyler County, Union District (Map/Parcel)

7/1

GE SILICONES WV, LLC
3520 PIEDMONT RD., STE 410
ATLANTA, GA 30305

7/2

BENS RUN LAND COMPANY LIMITED PARTNERSHIP
1105 SCHROCK RD STE 602
COLUMBUS, OH 43229

7/2.2

DANA TRANSPORT INC.
210 ESSEX AVE. E
AVENEL, NJ 07001

7/2.3, 2.9

PROVIRON AMERICA INC.,
62 INDUSTRIAL PARK
FRIENDLY, WV 26146

7/2.4, 2.6, 2.12

RA ACQUISITION PURCHASER LLC
225 W WASHINGTON ST FL 9TH
CHICAGO, IL 60606

7/2.1, 2.5, 2.13, 2.14, 2.15, 2.16

TYLER CO. DEVELOPMENT AUTHORITY INC.,
MAIN & COURT ST
MIDDLEBOURNE, WV 26149

7/2.10

STEVE SIMPSON DISPOSAL WELL
P.O. BOX 540
BROOKELAND, TX 75931

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OCT 12 2021

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Environmental Protection

12/02/2022

WV-2 BI ATTACHMENT (2)

4709502761B

11/2,3
DOMINION GATHERING & PROCESSING
120 TREDGAR ST.
RICHMOND, VA 23219

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Environmental Protection

12/02/2022

4709502761B

U.S. POSTAGE
000127856 MAP J. 2020
MAR12 11:00AM EST 07001

U.S. POSTAGE
000127856 MAP J. 2020
MAR12 11:00AM EST 07001



CERTIFIED MAIL



7016 2710 0000 1741 7178

DANA TRANSPORT INC.
210 ESSEX AVE. E
AVENEL, NJ 07001

CERTIFIED MAIL



7016 2710 0000 1741 7178

PROVIRON AMERICA INC.,
62 INDUSTRIAL PARK
FRIENDLY, WV 26146



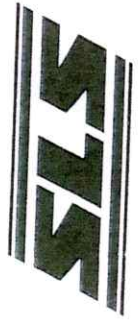
12 VANHORN DRIVE
GLENVILLE, WV 26351



12 VANHORN DRIVE
GLENVILLE, WV 26351

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12/02/2022



12 VANHORN DRIVE
GLENVILLE, WV 26351



7016 2710 0000 1741 7109

RA ACQUISITION PURCHASER LLC
225 W WASHINGTON ST FL 9TH
CHICAGO, IL 60606



12 VANHORN DRIVE
GLENVILLE, WV 26351



7016 2710 0000 1741 7116

TYLER CO. DEVELOPMENT AUTHORITY INC.,
MAIN & COURT ST
MIDDLEBOURNE, WV 26149

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Environmental Protection

12/02/2022

4709502761B



02 7H
0001267858 MAR 27 2020
MAILED FROM ZIP CODE 26351
US POSTAGE
\$ 006.90



02 7H
0001267858 MAR 27 2020
MAILED FROM ZIP CODE 26351
US POSTAGE
\$ 006.90

4709502761B



12 VANHORN DRIVE
GLENVILLE, WV 26351

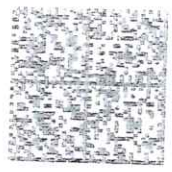
CERTIFIED MAIL



7016 2710 0000 1741 7123

STEVE SIMPSON DISPOSAL WELL
P.O. BOX 540
BROOKELAND, TX 75931

FIRST CLASS



02 7H
0001267858 MAR 27 2020
MAILED FROM ZIP CODE 26351
US POSTAGE
\$ 006.90



12 VANHORN DRIVE
GLENVILLE, WV 26351

CERTIFIED MAIL



7016 2710 0000 1741 7147

FIRST CLASS



02 7H
0001267858 MAR 27 2020
MAILED FROM ZIP CODE 26351
US POSTAGE
\$ 006.90

DOMINION GATHERING & PROCESSING
120 TREDGAR ST.
RICHMOND, VA 23219

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CERTIFIED MAIL®



7016 2710 0000 1741 7154



12 VANHORN DRIVE
GLENVILLE, WV 26351

FIRST-CLASS



02 7H
0001267858
MAILED FROM ZIP CODE 26351
US POSTAGE
\$ 006.90

GE SILICONES WV, LLC
3520 PIEDMONT RD., STE 410
ATLANTA, GA 30305

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WW-9
(5-16)

API Number 47 - 095 - 02761
Operator's Well No. Bens Run 1

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) Ohio River Quadrangle Bens Run 7 5'

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-CPP)
- Underground Injection (UC Permit Number API 34-167-2-9445-00-00 Deeprock Disposal Marietta, OH)
Reuse (at API Number _____)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain Landfill)

Will closed loop system be used? If so, describe: yes, solids will be landfilled, fluid reused and/or injected at approved well.

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. Vertical, air, water based mud
-If oil based, what type? Synthetic, petroleum, etc. N/A

Additives to be used in drilling medium? bentonite, zeogel, starch

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. landfill
-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 County Landfill

JEB
10/21/2024

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

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

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

Company Official Signature [Signature]
Company Official (Typed Name) Ernie Malas
Company Official Title President

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OCT 12 2021

WV Department of
Environmental Protection

Subscribed and sworn before me this 30 day of September

My commission expires 3-11-2025



MICHELLE BENNETT
NOTARY PUBLIC
STATE OF OHIO
Comm Expires
03-11-2025

12/02/2022

4709502761B

Form WW-9

Operator's Well No. Bens Run 1

Proposed Revegetation Treatment: Acres Disturbed 5 Prevegetation pH 7

Lime 3 Tons/acre or to correct to pH 6.5

Fertilizer type 10-20-20 or Equivalent

Fertilizer amount 1/3 Ton lbs/acre

Mulch Hay 2 Tons/acre

Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
KY-31	40	Orchard Grass	15
Alsike Clover	5	Alsike Clover	5
Annual Rye	15		

Attach:

Maps(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided). If water from the pit will be land applied, provide water volume, include dimensions (L, W, D) of the pit, and dimensions (L, W), and area in acres, of the land application area.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: J Craig Blevins

Comments: _____

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OCT 12 2021

Title: Environmental Resources Specialist III Date: 09/30/2021 10/12/2021

WV Department of Environmental Protection

Field Reviewed? () Yes (X) No

12/02/2022

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

Operator Name: Mountaineer Well Services
Watershed (HUC 10): Oho River Quad: Bens Run 7.5'
Farm Name: N/A

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

drilling with closed loop system, centrifuge, all fluids go to approved injection well completion, well stimulation, testing with brine

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

60 mil primary containment
30 mil secondary containment
Earthen berm around pad

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

Ohio River - 650'

JEB
10/12/2021

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

Concrete truck off load pad with under drain to lined concrete holding tank

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OCT 12 2021
WV Department of
Environmental Protection

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

[Empty rectangular box]

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

No waste 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.

All employees will be trained in the contents of the GPP and on methods and SOP's for protection of groundwater prior to arriving on site. Cleanup procedures, location of cleanup materials and/or spill kits, permit requirements will all be part of training. Annual refreshers thereafter.

JCB
10/12/2021

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

All GPP elements and equipment will be assessed daily with a formal inspection being completed weekly and documented.

Signature: _____

Date: _____

10/30/2021

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Environmental Protection

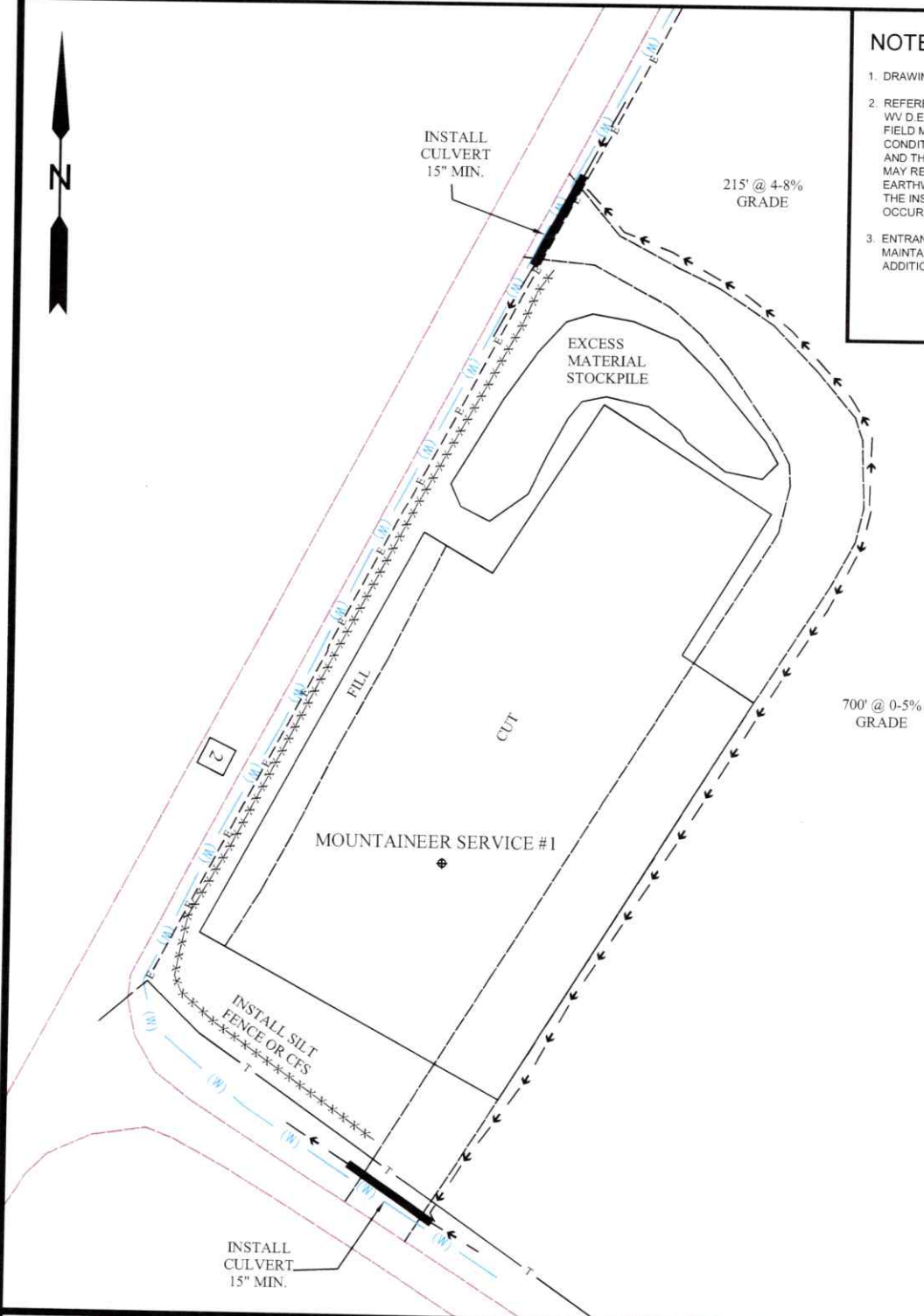
12/02/2022

WW-9

PROPOSED MOUNTAINEER SERVICE #1

NOTES:

1. DRAWING NOT TO SCALE
2. REFERENCE IS HEREBY MADE TO THE WV D.E.P. OFFICE OF OIL & GAS, "EROSION AND SEDIMENT CONTROL FIELD MANUAL" FOR REQUIREMENTS AND BMPs FOR AVERAGE FIELD CONDITIONS CONCERNING THE MAINTENANCE OF EXISTING ROADS AND THE CONSTRUCTION OF PROPOSED ROADS. FIELD CONDITIONS MAY REQUIRE VARIANCE FROM THESE GUIDELINES AND THE EARTHWORK CONTRACTOR IS RESPONSIBLE FOR NOTIFICATION TO THE INSPECTOR AND THE OPERATOR SHOULD THESE CONDITIONS OCCUR.
3. ENTRANCES ONTO PUBLIC ROADS SHALL BE CONSTRUCTED OR MAINTAINED IN ACCORDANCE WITH WV D.O.T. REGULATIONS. ADDITIONAL PERMITS MAY BE REQUIRED.



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NOV 04 2022

WV Department of
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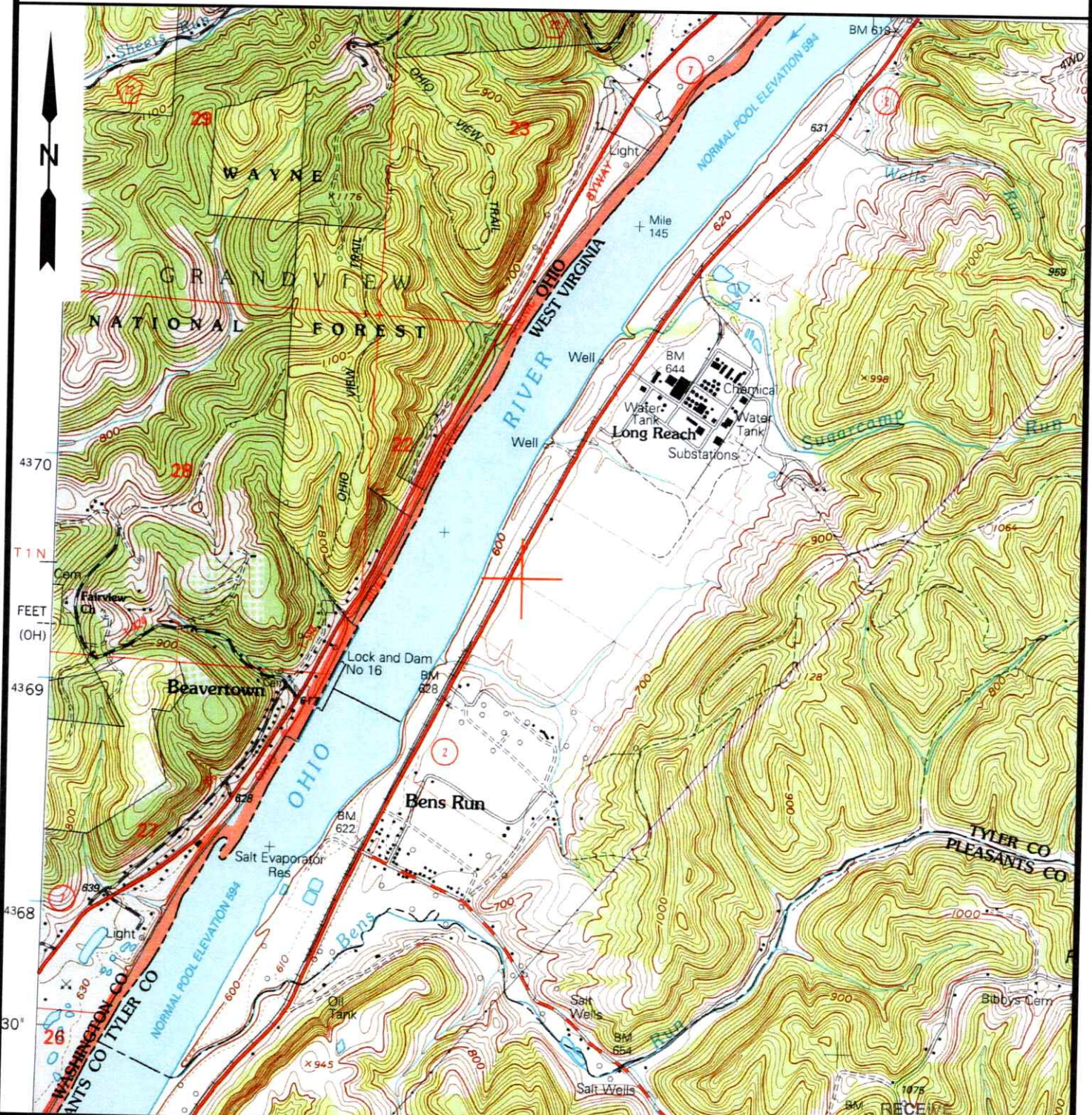
12 Vanhorn Drive | P.O. Box 150 | Glenville, WV 26351 | 304.462.5634
1412 Kanawha Boulevard, East | Charleston, WV 25301 | 304.346.3952
254 East Beckley Bypass | Beckley, WV 25801 | 304.255.5296
slsw.com

COUNTY		DISTRICT		OPERATOR:	
TYLER		UNION		PREPARED FOR: MOUNTAINEER WELL SERVICES LLC	
DRAWN BY		JOB NO.		DATE	
J.D.R.		8955		11-02-22	
				SCALE	
				NONE	

12/02/2022

47095027618

PROPOSED MOUNTAINEER SERVICE #1



12 Vanhorn Drive | P.O. Box 150 | Glenville, WV 26351 | 304.462.5634
 1412 Kanawha Boulevard, East | Charleston, WV 25301 | 304.346.3952
 254 East Beckley Bypass | Beckley, WV 25801 | 304.255.5296
 slswv.com

TOPO SECTION:		OPERATOR:	
BENS RUN 7.5'		PREPARED FOR: MOUNTAINEER WELL SERVICES LLC	
COUNTY	DISTRICT		
TYLER	UNION		
DRAWN BY	JOB NO.	DATE	SCALE
J.D.R.	8955	11-02-22	1"=2000'

NOV 04 2022

WV Department of Environmental Protection

12/02/2022

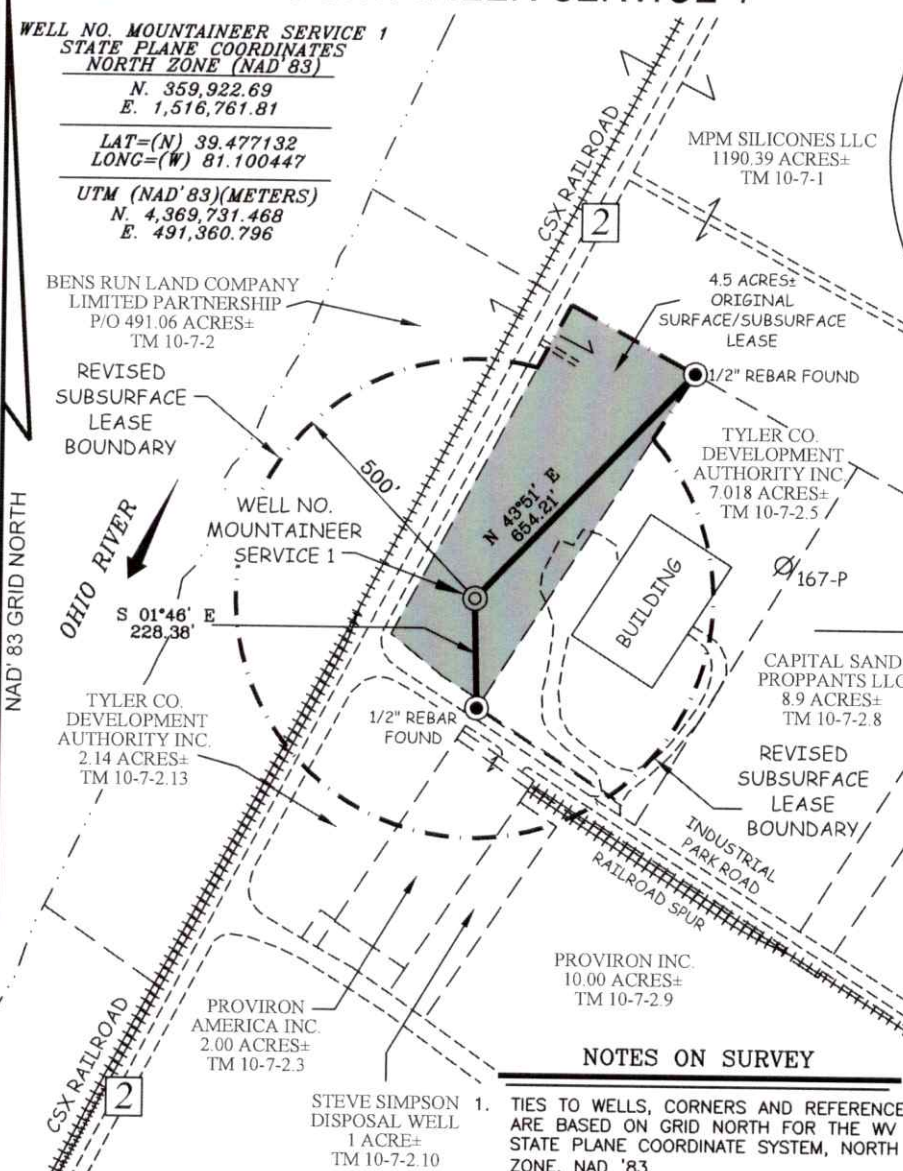
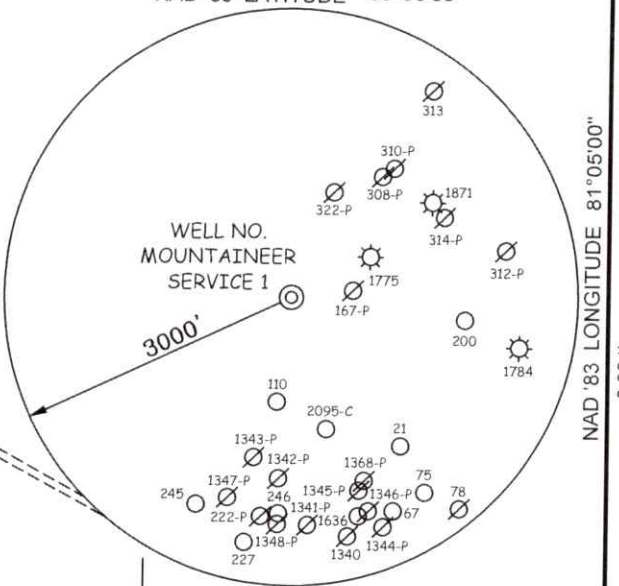
47095027618

4,837'

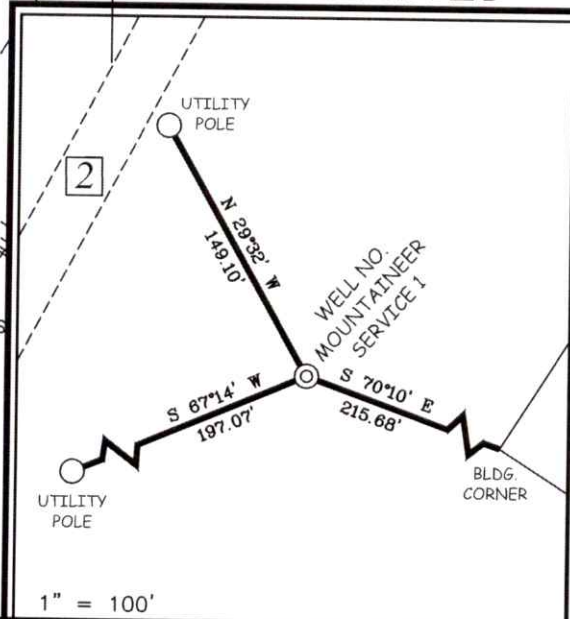
MOUNTAINEER WELL SERVICES, LLC 18.95 AC. ± SUBSURFACE LEASE WELL NO. MOUNTAINEER SERVICE 1

NAD '83 LATITUDE 39°30'00"

WELL NO. MOUNTAINEER SERVICE 1
STATE PLANE COORDINATES
NORTH ZONE (NAD '83)
N. 359,922.69
E. 1,516,761.81
LAT=(N) 39.477132
LONG=(W) 81.100447
UTM (NAD '83)(METERS)
N. 4,369,731.468
E. 491,360.796



REFERENCES



NOTES ON SURVEY

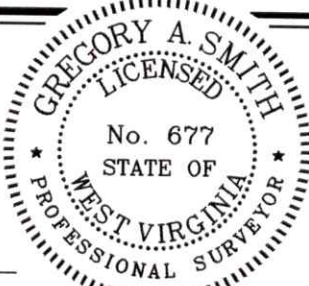
1. TIES TO WELLS, CORNERS AND REFERENCES ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM, NORTH ZONE, NAD '83.
2. TRACT BOUNDARY INFORMATION PROVIDED BY CLIENT.
3. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF MARSHALL COUNTY IN OCTOBER, 2018.
4. WELL LAT/LONG (NAD'83) ESTABLISHED BY DGPS (SURVEY GRADE).
5. PLAT UPDATED TO SHOW PROPOSED WELL NO./NAME CHANGE.



12 Vanhorn Drive | P.O. Box 150 | Glenville, WV 26351 | 304.462.5634
1412 Kanawha Boulevard, East | Charleston, WV 25301 | 304.346.3952
254 East Beckley Bypass | Beckley, WV 25801 | 304.255.5296
slls.com

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 DIVISION OF ENVIRONMENTAL PROTECTION.

P.S. 677 Gregory A. Smith



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
DATE SEPTEMBER 2, 20 21
REV. NOVEMBER 2, 2022
OPERATORS WELL NO. MOUNTAINEER SERVICE 1
API WELL NO. 47 - 095 - 027618
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 8955_P1R6.dwg
HORIZONTAL & VERTICAL CONTROL DETERMINED BY DGPS (SURVEY GRADE TIE TO CORS NETWORK) SCALE 1" = 400'

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

WELL TYPE: OIL GAS BRINE & LIQUID INJECTION WASTE DISPOSAL IF "GAS" PRODUCTION STORAGE DEEP SHALLOW
LOCATION: GROUND ELEVATION 636' WATERSHED OHIO RIVER
DISTRICT UNION COUNTY TYLER QUADRANGLE BENS RUN 7.5'
SURFACE OWNER BENS RUN LAND COMPANY LIMITED PARTNERSHIP ACREAGE 4.5 ± (4.86 ± CALC.) OF 491.06
ROYALTY OWNER BENS RUN LAND COMPANY LIMITED PARTNERSHIP ACREAGE 18.95 ± (CALC.)
PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORME NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER
PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION JUNIATA ESTIMATED DEPTH 8000'

WELL OPERATOR MOUNTAINEER WELL SERVICES, LLC DESIGNATED AGENT ADAM WILSON
ADDRESS STATE ROUTE 2 & INDUSTRIAL PARK ROAD, FRIENDLY, WV 26146 ADDRESS P.O. BOX 150 GLENVILLE, WV 26351

COUNTY NAME PERMIT

12/02/2022



- Table Descriptions
- County Code Translations
- Permit Numbering Series
- Lease Notes
- Contact Information
- Disclaimer
- WVGES Main
- [Pipeline P.N.S. New](#)

Select County: (095) Tyler (Check All)

Enter Permit #: 00322

Select datatypes: Location Production Plugging

Owner/Completion Stratigraphy Sample

Pay/Show/Water Logs Btm Hole Loc

WV Geological & Economic Survey:

Well: County = 95 Permit = 00322 [Link to all digital records for well](#)

Report Time: Monday, November 28, 2022 9:23:25 AM

Location Information: [View Map](#)

API	4709500322	Tyler	322	Union
COUNTY	PERMIT	TAX	DISTRICT	QUAD
095	00322	322	75	QUAD 15
LAT		DD	LONG	DD
43.70079		-81.098786	491504.1	
UTM		UTM		

There is no Bottom Hole Location data for this well

Owner Information:

CMP_DT	8/31/1961	8/9/1961	539	Ground Level	Bens Run	1st Cow Rn/Moundsvle	Union Carbide Corp
API	4709500322	8/31/1961	Original Loc.	Completed	Union Carbide Corp	18-29	Union Carbide Silicones
LEASE_NUM	MINERAL_OWN	OPERATOR_AT	COMPLETION	PROP_VD	PROP_TRGT_FM	TFM_EST_PR	

Completion Information:

CMP_DT	8/31/1961	8/9/1961	539	Ground Level	Bens Run	1st Cow Rn/Moundsvle	Union Carbide Corp
API	4709500322	8/31/1961	Original Loc.	Completed	Union Carbide Corp	18-29	Union Carbide Silicones
LEASE_NUM	MINERAL_OWN	OPERATOR_AT	COMPLETION	PROP_VD	PROP_TRGT_FM	TFM_EST_PR	

Pay/Show/Water Information:

CMP_DT	8/31/1961	8/9/1961	539	Ground Level	Bens Run	1st Cow Rn/Moundsvle	Union Carbide Corp
API	4709500322	8/31/1961	Original Loc.	Completed	Union Carbide Corp	18-29	Union Carbide Silicones
LEASE_NUM	MINERAL_OWN	OPERATOR_AT	COMPLETION	PROP_VD	PROP_TRGT_FM	TFM_EST_PR	

There is no Production Gas data for this well

There is no Production Oil data for this well ** some operators may have reported NGL under Oil

There is no Production NGL data for this well ** some operators may have reported NGL under Oil

There is no Production Water data for this well

Stratigraphy Information:

CMP_DT	8/31/1961	8/9/1961	539	Ground Level	Bens Run	1st Cow Rn/Moundsvle	Union Carbide Corp
API	4709500322	8/31/1961	Original Loc.	Completed	Union Carbide Corp	18-29	Union Carbide Silicones
LEASE_NUM	MINERAL_OWN	OPERATOR_AT	COMPLETION	PROP_VD	PROP_TRGT_FM	TFM_EST_PR	

There is no Wireline (E-Log) data for this well

Plugging Information:

CMP_DT	8/31/1961	8/9/1961	539	Ground Level	Bens Run	1st Cow Rn/Moundsvle	Union Carbide Corp
API	4709500322	8/31/1961	Original Loc.	Completed	Union Carbide Corp	18-29	Union Carbide Silicones
LEASE_NUM	MINERAL_OWN	OPERATOR_AT	COMPLETION	PROP_VD	PROP_TRGT_FM	TFM_EST_PR	

There is no Sample data for this well

THIS WELL IS 1250' FROM 47-095-027610
NO FRESH WATER SHOWS BELOW 100'

12/02/2022

THIS WELL IS 1250' FROM 47-095-02761

NO FRESH WATER SHOWS BELOW 100'

FORM 08-6

STATE OF WEST VIRGINIA DEPARTMENT OF MINES OIL AND GAS DIVISION

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPPLICATE. ONE COPY MAILED TO THE DEPARTMENT, ONE COPY TO BE RETAINED BY THE WELL OPERATOR AND THE THIRD COPY (AND EXTRA COPIES IF REQUIRED) SHOULD BE MAILED TO EACH COAL OPERATOR AT THEIR RESPECTIVE ADDRESSES.

COAL OPERATOR OR OWNER: Union Carbide Olefins Co. (Attn: K. E. Connell)
NAME OF WELL OPERATOR: (P.O. Box 8004) S. Charleston, W. Va.
ADDRESS:
COMPLETE ADDRESS:
COAL OPERATOR OR OWNER:
ADDRESS:
LEASE OR PROPERTY OWNER: 870 Park Ave, New York, New York
ADDRESS:
WELL AND LOCATION: July - 14 1964
District: Union
County: Tyler
Well No. 6-SERIAL No. - 18-29

Union Carbide Silicomas, Co. Farm
STATE INSPECTOR SUPERVISING PLUGGING: Bryan Shuman (Wileyville W. Va.)

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Tyler

being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Union Carbide Corp., Olefins Div., well operator, and participated in the work of plugging and filling the above well; that said work was commenced on the 23 day of APRIL, 1964, and that the well was plugged and filled in the following manner:

Table with columns: SAND OR ZONE RECORD, FILLING MATERIAL, PLUGS USED, CASING. Includes handwritten entries like 'FILLED WITH CLAY - 340-310-', 'NEAT CEMENT 310'-TO 300' (3-B90)', 'BRIDGED @ 110'', 'NEAT CEMENT - 110' - 70' (10-B90)', 'FILLED WITH CLAY - 70' - TO 10'', 'Set. 7" CASING - 10' IN-HOLE 3'-OUT', 'FILLED WITH CEMENT IN-SIDE and OUT'. Includes a circular 'RECEIVED' stamp from West Virginia Dept. of Mines dated JUL 1964.

and that the work of plugging and filling said well was completed on the 28 day of APRIL, 1964. And further deponents saith not.

Sworn to and subscribed before me this 14th day of July 1964. My commission expires: November 2, 1971. Notary Public: M. M. Cook. Permit No. TVL-322-P



47095027618

Letter of Transmittal

SLS Land & Energy Development

P.O. Box 150
Glenville, WV 26351
304.462.5634

To: West Virginia DEP; Office Of Oil & Gas
601 57th Street SE
Charleston, WV 25304

Date: 11/15/2022 **Job No:** 8955
Attention: Jeff McLaughlin
Re: Mountaineer Service #1

- We are sending you: Attached Under separate cover via _____ the following:
- Drawings Plans Prints Samples Specifications
- Letter Order Other _____

Copies	Date	Number	Description
1			Mountaineer Service #1 Plat - Mylar
1			Mountaineer Service #1 Plat - Copy

RECEIVED
Office of Oil and Gas
NOV 18 2022
WV Department of
Environmental Protection

Transmitted as checked below:

- For approval Approved as noted Resubmit _____ copies for approval
- For your use Approved as submitted Submit _____ copies for distribution
- As requested Returned for corrections Return _____ corrected copies
- For review Other _____

Remarks:

Copy To: SLS Files

Signed: Amanda Conley

12/02/2022



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

New Drill issued for 470950276

3 messages

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


Mon, Nov 28, 2022 at 11:12 AM

To: "erniemalas@gmail.com" <erniemalas@gmail.com>, Douglas C Newlon <Douglas.C.Newlon@wv.gov>, lijackson@wvassessor.com, jturner@wvassessor.com

To whom it may concern, a new drill has been issued for 4709502761.

James Kennedy

WVDEP OOG

2 attachments **4709502761.pdf**
6194K **IR-26 4709502761.pdf**
13K

Mail Delivery Subsystem <mailer-daemon@googlemail.com>

Mon, Nov 28, 2022 at 11:12 AM

To: james.p.kennedy@wv.gov

**Address not found**Your message wasn't delivered to lijackson@wvassessor.com because the address couldn't be found, or is unable to receive mail.

The response from the remote server was:

550 5.1.1 <lijackson@wvassessor.com>: Email address could not be found, or was misspelled (G8)Final-Recipient: rfc822; lijackson@wvassessor.com

Action: failed

Status: 5.1.1

Remote-MTA: dns; mx1.emailsrvr.com. (184.106.54.1, the server for the domain wvassessor.com.)Diagnostic-Code: smtp; 550 5.1.1 <lijackson@wvassessor.com>: Email address could not be found, or was misspelled (G8)

Last-Attempt-Date: Mon, 28 Nov 2022 08:12:44 -0800 (PST)

12/02/2022

----- Forwarded message -----

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

To: "erniemalas@gmail.com" <erniemalas@gmail.com>, Douglas C Newlon <Douglas.C.Newlon@wv.gov>, lijackson@wvassessor.com, jturner@wvassessor.com

Cc:

Bcc:

Date: Mon, 28 Nov 2022 11:12:31 -0500

Subject: New Drill issued for 470950276

----- Message truncated -----

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


Mon, Nov 28, 2022 at 11:14 AM

To: erniemalas@gmail.com, Douglas C Newlon <Douglas.C.Newlon@wv.gov>, jturner@wvassessor.com

[Quoted text hidden]

2 attachments

 **4709502761.pdf**
6194K

 **IR-26 4709502761.pdf**
13K

12/02/2022