



west virginia department of environmental protection

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

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

Wednesday, January 19, 2022
WELL WORK PLUGGING PERMIT
Vertical Plugging

MOUNTAIN V, LLC
PO BOX 470
BRIDGEPORT, WV 26330

Re: Permit approval for 4
47-041-01871-00-00

This well work permit is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to any additional specific conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas Inspector.

Upon completion of the plugging well work, the above named operator will reclaim the site according to the provisions of WV Code 22-6-30. Please be advised that form WR-38, Affidavit of Plugging and Filling Well, is to be submitted to this office within 90 days of completion of permitted well work, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

Per 35 CSR 4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced. If there are any questions, please feel free to contact me at (304) 926- 0450.

James A. Martin
Chief

Operator's Well Number: 4
Farm Name: BUTCHER, M. L.
U.S. WELL NUMBER: 47-041-01871-00-00
Vertical Plugging
Date Issued: 1/19/2022

I

47041018719

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. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
2. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.
3. Well work activities shall not constitute a hazard to the safety of persons.

02/04/2022

4704101871P

WW-4B
Rev. 2/01

1) Date December 9, 2021
2) Operator's
Well No. M L Butcher A-454
3) API Well No. 47-041 - 01871

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

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

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

5) Location: Elevation 1222' Watershed Rush Run
District Freemans Creek County Lewis Quadrangle Camden

6) Well Operator Mountain V, LLC 7) Designated Agent Mike Shaver
Address PO Box 470 Address PO Box 470
Bridgeport, WV 26330 Bridgeport, WV 26330

8) Oil and Gas Inspector to be notified Name Sam Ward
Address P. O. Box 2327
Buckhannon, WV 26201
9) Plugging Contractor Name To be Determined Upon Issuance of Permit
Address _____

10) Work Order: The work order for the manner of plugging this well is as follows:

**** See Attached Plugging Manners ****

*ALL SPACERS BETWEEN CEMENT PLUGS MUST
BE GEL. **

RECEIVED
Office of Oil and Gas
JAN 12 2022
WV Department of
Environmental Protection

** GEL => FRESH WATER w/ A MINIMUM OF 6% BENTONITE BY VOLUME*

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

Work order approved by inspector *[Signature]* Date 12/23/2021

02/04/2022

Exhibit "B"

API No 47-041-01871
 Farm M.L. Butcher
 Well # A-454
 County Lewis, WV

Cement Plug #9 0-100

 Cement Plug #8 300-500

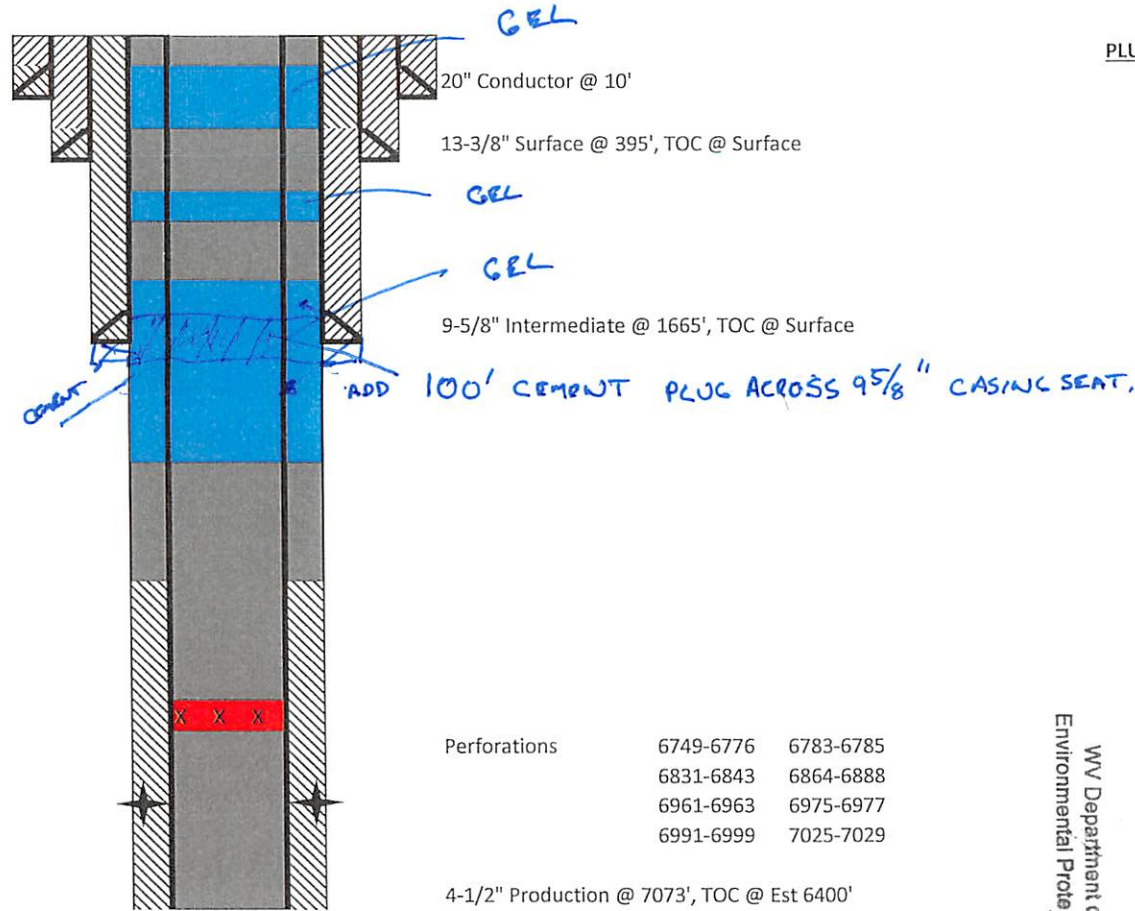
 Cement Plug #7 1120-1320

 Cement Plug #6 3700-3950
 Cement Plug #5 3950-4750
 Cement Plug #4 4750-5550
 Cement Plug #3 5550-6350

 Cement Plug #2 6350-6450

 CIBP @ 6450' & 6500'

 Cement Plug #1 6550-7073



PLUGGING PROCEDURE

- 1 Clean Out to TD w/ Tricone
- 2 Run Tubing to TD
- 3 Establish Circulation w/ Fresh Water, Load Hole w/ Fresh Water
- 4 Set Cement Plug #1 (Balanced Plug), TOOH
- 5 Tag TOC, Set 2 CIBP's w/ WL
- 6 Run CBL to Determine TOC on 4.5" Casing
- 7 TIH, Set Cement Plug #2 (Balanced Plug), TOOH
- 8 Free Point, Cut and Recover 4-1/2" Casing
- 9 Set Cement Plug #3 (Balanced Plug), TOOH
- 10 Set Cement Plug #4 (Balanced Plug), TOOH
- 11 Set Cement Plug #5 (Balanced Plug), TOOH
- 12 Set Cement Plug #6 (Balanced Plug), TOOH
- 13 Tag TOC
- 14 Set Cement Plug #7 (Balanced Plug), TOOH
- 15 Tag TOC
- 16 TIH, Set Cement Plug #8 (Balanced Plug), TOOH
- 17 Set Cement Plug #9 (Balanced Plug), TOOH
- 18 Install Monument

WV Department of
Environmental Protection

JAN 12 2022

RECEIVED
Office of Oil and Gas

SDW
12/23/2021

4704101871P



3905
4704101871P
RECEIVED
NOV 1 1972

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division
WELL RECORD

OIL & GAS DIVISION
DEPT. OF MINES

Quadrangle Vadis S.E.

Permit No. Lsw-1871

Rotary Oil
Cable _____ Gas NOFL
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kind)

Company Allegheny Land & Mineral Co.
Address Clarksburg, W.Va.
Farm M.L. Eutcher Acres 225
Location (waters) _____
Well No. A-454 Elev. 1222
District Freemans Creek County Lewis
The surface of tract is owned in fee by _____
Loda V. Foxroad
Address 302 Praxton St., Cassaway, W.Va.
Mr. Belle Kunst Lewis, agt., et al
Mineral rights are owned by _____
1429-- 22nd St., Parkersburg, W.Va.
Address _____

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 20"	10'	10'	Cement to sur
13-10"	13-3/8"	395'	" " "
9 5/8		1665'	" " "
8 5/8			
7			
5 1/2			
4 1/2	7073'	7073'	Cemented 673'
3			from bottom
2			215 bags cement
Liners Used			

Drilling Commenced Sept. 23, 1972
Drilling Completed Oct. 12, 1972
Initial open flow ~~4300 M xxxxxx~~ bbls.
Final production 4300 M per day bbls.
Well open _____ hrs. before test 2100# RP.
Well treatment details: 19 hr.

Attach copy of cementing record.
Made 4300 M 2400# R.P. 19 hr.

RECEIVED
Office of Oil and Gas

JAN 12 2022

Coal was encountered at 292 to 292 746 to 751 Feet _____ Inches
Fresh water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand Shert & Oriskany Depth _____

WV Department of Environmental Protection

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Soil	-	-	0	16		
Sand & shale	-	-	16	120		
Sand	-	-	120	130		
Red Rock	-	-	130	142		
Sand & shale	-	-	142	277		
COAL *****			277	300		
Sand & shale	-	-	282	746		
COAL *****			746	751		
Sand & shale	-	-	751	1135		
Shale	-	-	1135	1230		
Sand & shale	-	-	1230	1416		
Tig Linc	-	-	1416	1478		
Tujun	-	-	1478	1592		
Sand & shale	-	-	1592	1675		
Shale	-	-	1675	1870		
Sand & shale	-	-	1870	2284		
1st Sand	-	-	2284	2311		
2nd shale	-	-	2311	2710		
Shale	-	-	2710	2999		
Sand & shale	-	-	2999	3242		
Shale	-	-	3242	3971		
Coal shale	-	-	3971	4159		
Shale	-	-	4159	4337		

4 1/2" casing perforated:
 { 6749 to 6776 - 13 shot
 { 6783 to 6785 - 3 "
 { 6831 to 6843 - 7 "
 { 6864 to 6888 - 10 "
 { 6961 to 6963 - 3 "
 { 6975 to 6977 - 3 "
 { 6991 to 6999 - 7 "
 { 7025 to 7029 - 4 "

SDW
102104/2022

139
68
207

* Indicates Electric Log tops in the remarks section.

(over)

NOV 13 1972

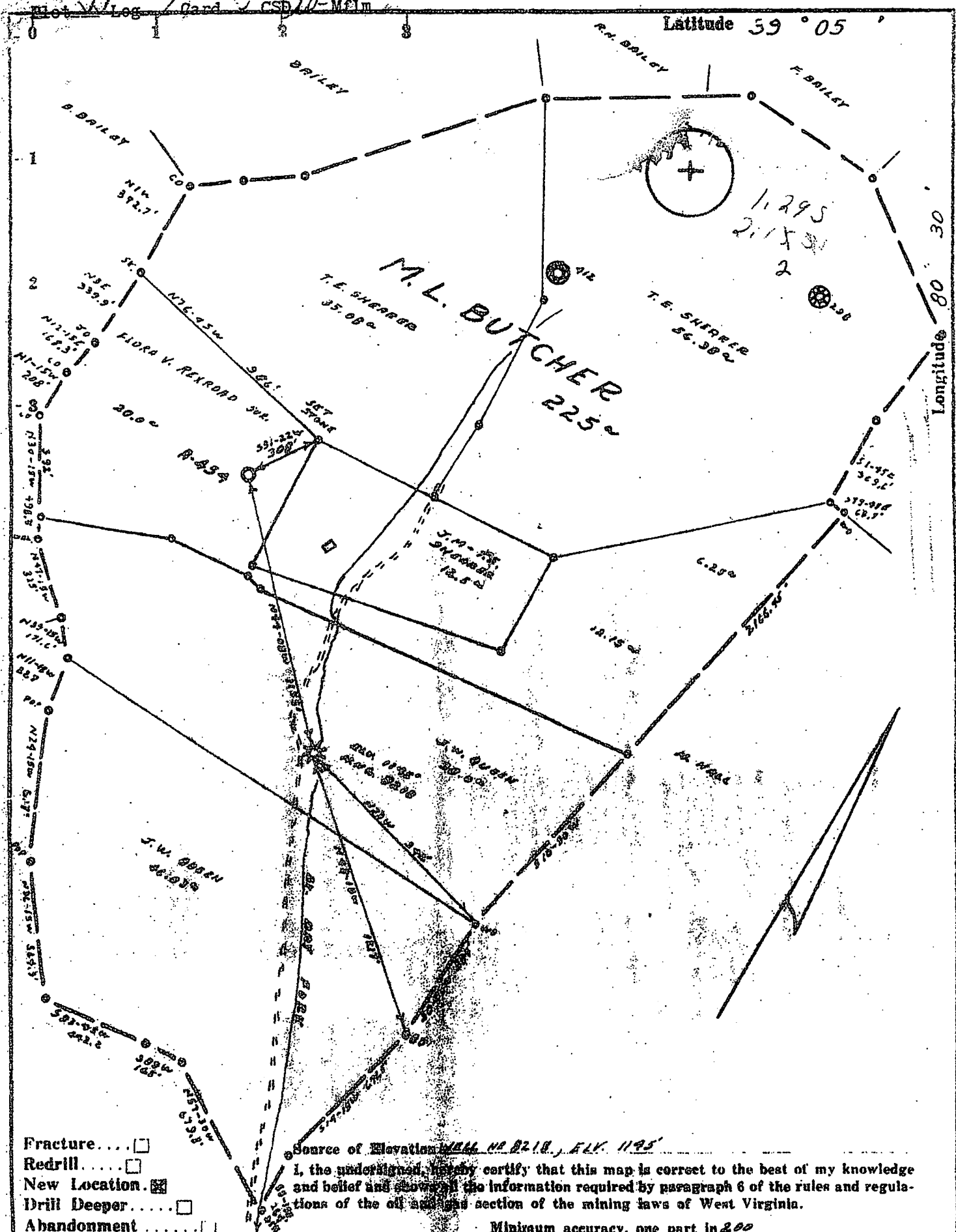
Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand shale		-	4337	4368		
Person		-	4368	4392		
		4392	4392	4529		
Sand shale		-	4529	4868		
Shale		-	4868	5827		
Sand shale		-	5827	5932		
Shale		-	5932	6378		
Shale sand		-	6378	6488		
Shale		-	6488	6506		
Valley Lime		-	6506	6543		
Shale		-	6543	6705		
Onondaga Lime		-	6705	6735		
Chert - Huntersville		-	6735	6950		
Oriskany		-	6950	7052		
Halderberg Lime		-	7052	7104		
Total depth		-		7104		

Extends chert - Orisk deeper pool discovery (Lew-1854)

Date October 26, 02/04/2022 1972

APPROVED Glenn Henry Lord Mineral Counselor

By Glenn Henry Lord, Sr.
(Title)



- Fracture....
- Redrill.....
- New Location.
- Drill Deeper.....
- Abandonment.....

Source of Elevation WELL NO. 2210, ELEV. 1195'

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

Minimum accuracy, one part in 200

Company	ALLEGHENY LAND MINERAL CO.		
Address	CLARKSBURG, W.VA. 26301		
Farm	M.L. BUTCHER		
Tract	Acres	225	Lease No.
Well (Farm) No.	4	Serial No.	A-454
Elevation (Spirit Level)	1222'		
Quadrangle	VADIS SE 2 4-2		
County	LEWIS	District	FREEMANS CK.
Engineer	R.S. McMillan		
Engineer's Registration No.	105 L.L.S.		
File No.	221/36	Drawing No.	
Date	3-25-72	Scale	1" = 500'

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

WELL LOCATION MAP

FILE NO. ~~100-100~~ **02/04/2022**

Re-issued as Law-1871

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

— Denotes one inch spaces on border line of original tracing.

WW-4A
Revised 6-07

1) Date: December 9, 2021
2) Operator's Well Number
M L Butcher A-454
3) API Well No.: 47 - 041 - 01871

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

4) Surface Owner(s) to be served: (a) Name Jay Shearer (LE) c/o David & Beth Nichols ✓ Address 192 Polk Creek Watershed Road Weston, WV 26452 (b) Name Address (c) Name Address
5) (a) Coal Operator Name NA Address (b) Coal Owner(s) with Declaration Name NA Address (c) Coal Lessee with Declaration Name NA Address
6) Inspector Sam Ward Address P. O. Box 2327 Buckhannon, WV 26201 Telephone 304-389-7583

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

- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form WW-6.

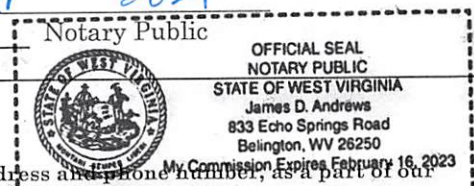
The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses side. However, you are not required to take any action at all.

Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental Protection, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice, the Application, and the plat have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Chief.

Well Operator Mountain V, LLC
By: [Signature] RECEIVED Office of Oil and Gas
Its: [Signature] JAN 12 2022
Address P. O. Box 470 WV Department of
Bridgeport, WV 26330 Environmental Protection
Telephone 304-842-6320

Subscribed and sworn before me this 20th day of December 2021

My Commission Expires Feb 16, 2023



Oil and Gas Privacy Notice

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

02/04/2022

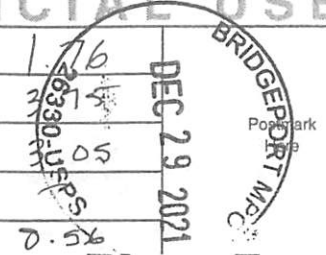
Postal Service
CERTIFIED MAIL™ RECEIPT
 (Domestic Mail Only; No Insurance Coverage Provided)

For more information visit our website at www.usps.com

OFFICIAL USE

Postage	\$ 1.76
Certified Fee	0.56
Return Receipt Fee (if Required)	0.05
Delivery Fee (if Required)	
Postage & Fees	0.56

Jay T. Shearer (Life Estate)
 c/o David and Beth Nichols
 192 Polk Creek Watershed Road
 Weston, WV 26452
 A454 PLUG



SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Jay T. Shearer (Life Estate)
 c/o David and Beth Nichols
 192 Polk Creek Watershed Road
 Weston, WV 26452

A454 PLUG

2. Article Number
 (Transfer from service label) 7009 1680 0001 5845 2734

COMPLETE THIS SECTION ON DELIVERY

A. Signature
 X *[Signature]* Agent Address

B. Received by (Printed Name)
 DAVID W NICHOLS

C. Date of Delivery
 1-4-2022

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

3. Service Type
 Certified Mail Express Mail
 Registered Return Receipt for Merchandise
 Insured Mail C.O.D.

4. Restricted Delivery? (Extra Fee) Yes

4704101871A

RECEIVED
 Office of Oil and Gas
 JAN 12 2022
 WV Department of
 Environmental Protection

02/04/2022

SURFACE OWNER WAIVER

4704101871P

Operator's Well Number

M L Butcher A-454

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW4-A

The well operator named on page WW-4A is applying for a permit from the State to plug and abandon a well. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.

NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT. WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:

Chief, Office of Oil and Gas
Department of Environmental Protection
601 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 FIVE (5) DAYS after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

The Chief has the power to deny or condition a well work permit based on comments received on the following grounds: Office of Oil and Gas

- 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...

JAN 12 2022

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.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice and Application For A Permit To Plug And Abandon on Forms WW-4A and WW-4B, and a survey plat.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

FOR EXECUTION BY A NATURAL PERSON ETC.

FOR EXECUTION BY A CORPORATION,

Signature Date Name By Its Date

Signature

Date 02/04/2022

WW-9
(5/16)

4704101871P

API Number 47 - 041 - 01871
Operator's Well No. _____

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

Operator Name Mountain V, LLC OP Code 494516828

Watershed (HUC 10) Rush Run Quadrangle Camden

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

Will a pit be used? Yes No

If so, please describe anticipated pit waste: _____

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

Proposed Disposal Method For Treated Pit Wastes:

- Land Application (if selected provide a completed form WW-9-GPP)
- Underground Injection (UIC Permit Number _____)
- Reuse (at API Number _____)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain No fluids or wastes anticipated, any well effluent will be contained until disposed of at an approved disposal site)

*SDW
12/23/2021*

Will closed loop system be used? If so, describe: No

RECEIVED
Office of Oil and Gas

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

JAN 12 2022

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

Additives to be used in drilling medium? NA

WV Department of
Environmental Protection

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. If any; remove off site to approved disposal site

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

-Landfill or offsite name/permit number? NA

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.

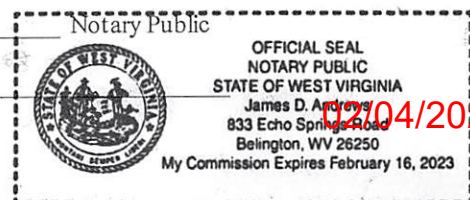
Company Official Signature [Signature]

Company Official (Typed Name) S. Michael Shaver

Company Official Title Managing Member

Subscribed and sworn before me this 20th day of December, 2021

My commission expires Feb 16, 2023



Proposed Revegetation Treatment: Acres Disturbed .5 acre Prevegetation pH _____

Lime 3 Tons/acre or to correct to pH 6.5

Fertilizer type 10/20/20

Fertilizer amount 500 lbs/acre

Mulch Straw 2 Tons/acre

Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
Tall Fescue	40	Tall Fescue	40
Latino Clover	5	Latino Clover	5

**** Sediment Control Will Be In Place At All Times ****

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.

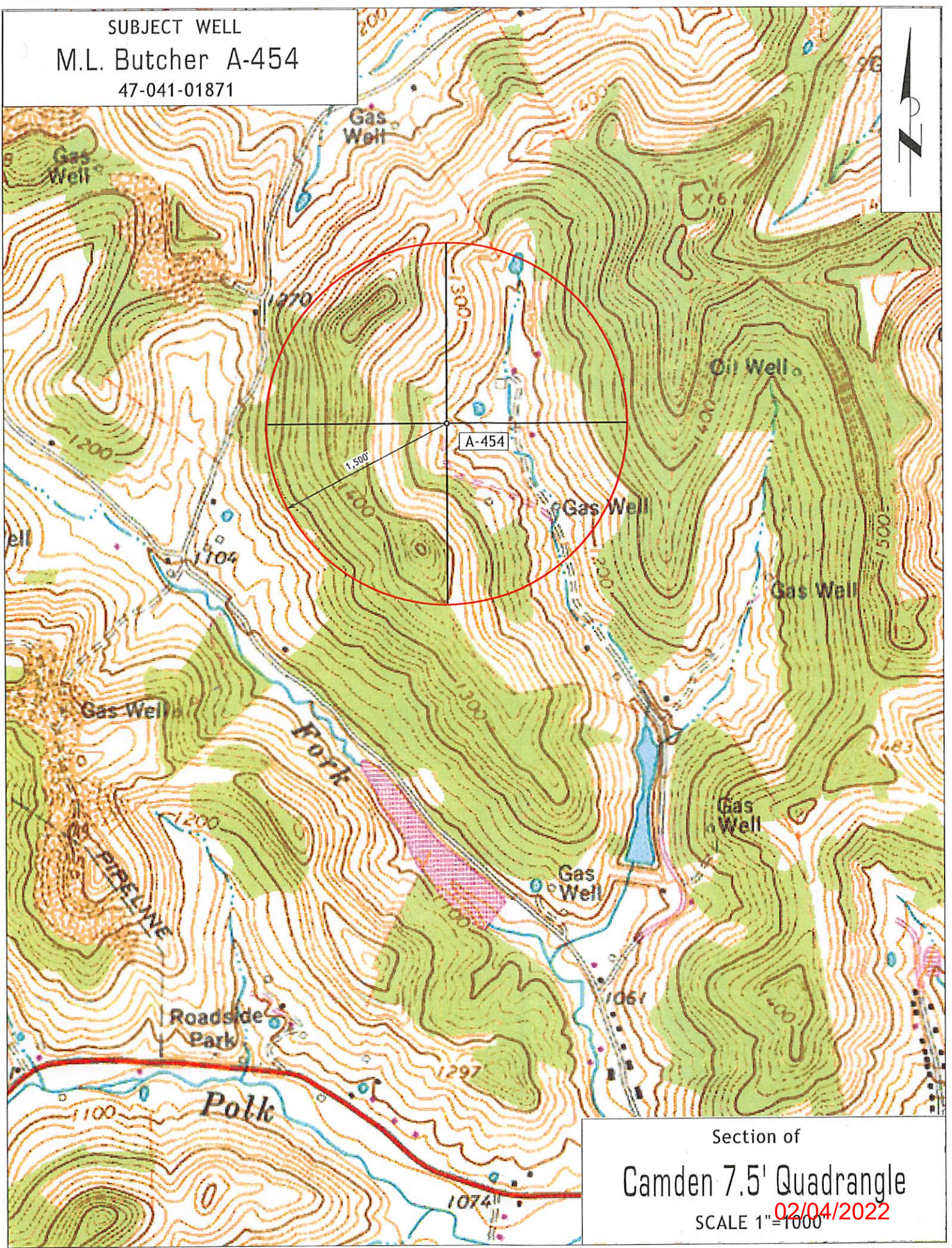
Plan Approved by: [Signature]

Comments: _____

Title: COG Inspector Date: 12/23/2021

Field Reviewed? () Yes (X) No

SUBJECT WELL
M.L. Butcher A-454
47-041-01871



Section of
Camden 7.5' Quadrangle
SCALE 1"=1000
02/04/2022



4704101871P

P. O. Box 470
Bridgeport, WV 26330

Office: 304-842-6320
Fax: 304-842-0016

January 10, 2022

Jeff McLaughlin
WVDEP Office of Oil & Gas
601 57th Street SE
Charleston, WV 25304

RE: ML Butcher A-454 (47-041-01871) Freemans Creek, Lewis County, WV

Dear Mr. McLaughlin,

Enclosed are forms WW-4(A), WW-4(B), WW-9, WW-7, topo map, well record and copy of certified mailing receipt.

Please let me know if you have any questions or need further information. I can be reached at 304-842-6320.

Best

Jamie Andrews
Mountain V

RECEIVED
Office of Oil and Gas

JAN 12 2022

WV Department of
Environmental Protection

02/04/2022



Stansberry, Wade A <wade.a.stansberry@wv.gov>

Plugging Vertical Well Work Permits API: (47-041-01864 & 47-041-01871)

1 message

Stansberry, Wade A <wade.a.stansberry@wv.gov>

Thu, Jan 20, 2022 at 12:45 PM

To: Jamie Andrews <jandrews@mountainvoilandgas.com>, "Ward, Samuel D" <samuel.d.ward@wv.gov>, John Breen <jbreen@assessor.state.wv.us>

I have attached a copy of the newly issued well [permit](#) numbers:

47-041-01864 - RW SAUNDERS
47-041-01871 - ML BUTCHER A - 454

These will serve as your copy.

Thank you,

Wade A. Stansberry

Environmental Resource Specialist 3

West Virginia Department of Environmental Protection

Office of Oil & Gas

601 57th St. SE

Charleston, WV 25304


(304) 926-0499 ext. 41115


(304) 926-0452 fax

Wade.A.Stansberry@wv.gov

3 attachments

 **IR-8 Blank.pdf**
200K

 **47-041-01864 - Copy.pdf**
3954K

 **47-041-01871 - Copy.pdf**
3931K

02/04/2022