



west virginia department of environmental protection

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

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

Monday, February 12, 2024  
WELL WORK PERMIT  
Horizontal 6A / Plugging

GREYLOCK CONVENTIONAL, LLC  
500 CORPORATE LANDING

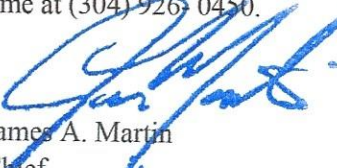
CHARLESTON, WV 25311

Re: Permit approval for SUN LUMBER 3MH  
47-101-00124-00-00

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: SUN LUMBER 3MH  
Farm Name: BUCK, DONALD AND NORMA  
U.S. WELL NUMBER: 47-101-00124-00-00  
Horizontal 6A Plugging  
Date Issued: 2/12/2024

Promoting a healthy environment.

02/16/2024

# 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. 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.
4. 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.

02/16/2024

1) Date 1/22, 2024  
2) Operator's  
Well No. Sun Lumber 3MH  
3) API Well No. 47-101 - 00124

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 1786 Watershed Left fork of Holly River  
District Hacker Valley County Webster Quadrangle Hacker Valley 7.5

6) Well Operator Greylock Conventional, LLC. 7) Designated Agent Joe Farris  
Address 500 Corporate Landing Address 500 Corporate Landing  
Charleston, WV 25311 Charleston, WV 25311

8) Oil and Gas Inspector to be notified Name Jeff Probst  
Address 4936 Little Sand Run Rd  
Buchannon, WV 26201  
9) Plugging Contractor Name R & R Well Services  
Address 42 Lynch Ridge Road  
Walton, WV 25286

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

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

Work order approved by inspector Jeff A. Probst Date 01/24/2024

02/16/2024



JAN 26 2024

**Casing information:**

Size	Depth	Hole Size	Cement Cu. Ft.
20"	30'	26"	Surface
13 3/8"	297'	17 1/2"	Surface
9 5/8"	1591'	12 3/8"	Surface
7"	6185'	8 1/2"	ETOC @ 4500 ft.
4 1/2"	9317'	6 1/8"	TOC @ 7875 ft.

**Sun Lumber #3MH P&A Procedure:**

1. Notify the inspector at least 24 hours prior to conducting abandonment operations.
2. Blow down well
3. RIH with 4 1/2" bridge plug on tubing and set @ 8508' (100' from top perf).
  - a. If cannot set @ 8508' pull up hole 100' and reset
  - b. If cannot set @ 8408' contact inspector to confirm depth
4. Unsting from packer and prepare to pump cement
5. **PLUG 1** - Set 200' cement plug from 8508' – 8308' or 200' from where plug was set
  - a. NOTE: Lead with gel spacer on **ALL** cement plugs
  - b. NOTE: Cement plugs to be Class A. Otherwise, submit alternate cement form to state
6. POOH and RIH with wireline and cut 4 1/2" @ 6235' (50' below 7" casing shoe)
7. Pull all free pipe out of hole
8. **PLUG 2** – RIH and set 150' cement plug across 4 1/2" casing cut. (50' inside, 100' outside)
9. RIH with wireline and run CBL from 5000' to 3000' to locate TOC
10. Cut 7" casing with wireline and pull all free pipe
11. **PLUG 3** – RIH and set 100' balance plug across 7" casing cut (50' inside, 50' outside)
12. **PLUG 4** – PUH and set balance plug from 1836' – 1736' to cover elevation @ 1786'

*Greg A. Propst*  
*01/24/2024*



13. **PLUG 5** – PUH and set balance plug from 1641 – 1541' to cover 9 5/8" casing shoe @ 1591'
14. **PLUG 6** – PUH and set balance plug from 1495' – 1395' to cover salt water zone @ 1445'
15. **PLUG 7** – PUH and set balance plug from 347' – 247' to cover casing shoe @ 297'
16. **PLUG 8** – PUH and set balance plug from 200 – 0' to cover FW @ 150' and surface plug
17. Set monument 30" above ground with Well Name, API and plug date

*Jeff A. Probst*  
*01/24/2024*

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Greylock Energy

Sun Lumber #3MH

API #:47-101-00124

Casing and Cementing Details

Webster County, WV

Detailed Description

Casing Size

20" set @ 30' (driven)

13 3/8" set @ 297' (cement to surface)

9 5/8" set @ 1591' (cement to surface)

7" set @ 6185'

PBTD 9260'  
4 1/2" set @ 9317'  
TD @ 10300'

Hole Size

20"

17 1/2"

12 3/8"

8 3/4"

6 1/8"

PLUG 8 - 200' plug from 200' to surface to cover Fresh water at 150' and surface plug

Plug 7 - 100' plug from 347'-247' to cover casing shoe at 297'

PLUG 6 - 100' plug from 1495 - 1395' to cover salt water @ 1445'

PLUG 5 - 100' plug from 1641-1541 to cover casing shoe @ 1591'

PLUG 4 - 100' plug from 1836'-1736' across elevation at 1786'

PLUG 3 - 100' plug across casing cut (50' inside, 50' outside)

PLUG 2 - 150' plug across casing cut at 6235' (50' inside, 100' outside)

PLUG 1 - 200' plug on top of bridge plug

Curve starts @ 6200' (15 deg), 6500' (30 deg), 6700' (40 deg), 6900' (65 deg) 7400' (90 deg)  
Perfs @ 8608' - 9035'

*J. H. A. Probst*  
*01/24/2024*

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Farm name: Buck, Donald and Norma

Operator Well No.: Sun Lumber 3MH

LOCATION: Elevation: 1786ft

Quadrangle: Hacker Valley 7.5'

District: Hacker Valley

County: Webster

Latitude: 0 Feet South of 38 Deg. 41 Min. 52.3 Sec.  
Longitude 0 Feet West of 80 Deg. 28 Min. 07.3 Sec.

Company: Energy Corporation of America

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
<u>501 56th Street SE</u> <u>Charleston, West Virginia 25304</u>	<u>20" Cond.</u>	<u>30ft</u>	<u>30ft</u>	<u>Surface</u>
Agent: <u>Rodney Winters, VP of Land</u>	<u>13-3/8" Surf</u>	<u>297.5ft</u>	<u>297.5ft</u>	<u>Surface</u>
Inspector: <u>Brian Harris</u>	<u>9-5/8" Inter.</u>	<u>1591t.</u>	<u>1591ft</u>	<u>Surface</u>
Date Permit Issued: <u>12/28/2012</u>	<u>7" Inter.</u>	<u>6185ft</u>	<u>6185ft</u>	<u>4500 cu ft</u>
Date Well Work Commenced: <u>1/31/2013</u>	<u>4 1/2" Prod</u>	<u>9317 ft</u>	<u>9317 ft</u>	<u>910 cu ft</u>
Date Well Work Completed: <u>10/17/13</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): <u>6847</u>				
Total Measured Depth (ft): <u>10300</u>				
Fresh Water Depth (ft.): <u>150</u>				
Salt Water Depth (ft.): <u>1445</u>				
Is coal being mined in area (N/Y)? <u>N</u>				
Coal Depths (ft.): <u>N/A</u>				
Void(s) encountered (N/Y) Depth(s) <u>N/A</u>				

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation Devonian Shale Pay zone depth (ft) 6847  
Gas: Initial open flow 0 MCF/d Oil: Initial open flow N/A Bbl/d  
Final open flow 0 MCF/d Final open flow N/A Bbl/d  
Time of open flow between initial and final tests 168 Hours  
Static rock Pressure 993 psig (surface pressure) after 24 Hours

Second producing formation N/A Pay zone depth (ft) N/A  
Gas: Initial open flow N/A MCF/d Oil: Initial open flow N/A Bbl/d  
Final open flow N/A MCF/d Final open flow N/A Bbl/d  
Time of open flow between initial and final tests N/A Hours  
Static rock Pressure N/A psig (surface pressure) after N/A Hours

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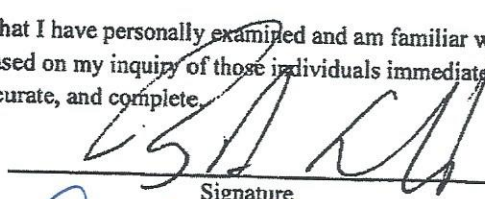
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NOV 06 2013

Department of  
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I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the 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.

  
Signature

11/1/13  
Date  
01/24/2024

02/16/2024



Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list N/A

**NOTE: IN THE AREA BELOW PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.**

Perforated Intervals, Fracturing, or Stimulating:

Stage #1: Devonian Shale

30 Holes 9035'-8907' Water Frac 174,875 lbs sand. 4720 bbl CFL

Stage #2: Devonian Shale

30 Holes 8884'-8758' Water Frac 193,200 lbs sand. 4884 bbl CFL

Stage #3: Devonian Shale

30 Holes 8734'-8608' Water Frac 201,600 lbs sand. 4985 bbl CFL

Plug Back Details Including Plug Type and Depth(s):

Formations Encountered:

Top Depth

Bottom Depth

Top fill - 0/40

Sand & Shale - 40/1150

Maxton - 1150/1470

Little Lime - 1470/1500

Blue Monday - 1500/1555

Big Lime - 1555/1760

Big Injun - 1760/1965

Gantz - 1965/2240

Fifth Sand - 2240/2400

Sand & Shale - 2400/4290

Benson - 4290/4400

Sand & Shale - 4400/6645

Geneseo - 6645/6690

Hamilton/Marcellus - 6690/10300

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*G. A. Probst*  
01/24/2024

02/16/2024

January 22, 2024

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West Virginia Department of Environmental Protection  
601 57<sup>th</sup> Street SE  
Charleston WV, 25304

To Whom It May Concern:

Please see the attached order 2022-13 Variance that allows the use of Class L cement in place of API Class A cement for well plugging. Greylock Conventional, LLC. wishes to use the Class L option at the time of plugging.

Should you have any questions, please do not hesitate to contact me at (304) 925-6100.

Thank you.



Melissa Knuckles  
Permitting and Bond Specialist



west virginia department of environmental protection

Office of Oil and Gas  
601 57<sup>th</sup> Street, SE  
Charleston, WV 25304  
Phone (304) 926-0450

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

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

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

**ORDER NO. 2022-13**

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**REPORT OF THE OFFICE**

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

**FINDINGS OF FACT**

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

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

### CONCLUSIONS OF LAW

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

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

### ORDER

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

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

IN THE NAME OF THE STATE OF WEST VIRGINIA

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



James Martin, Chief  
Office of Oil and Gas

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Postmark  
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Sent To: Don + Norma Buck  
 Street, Apt. No.: 3068 Saqqgrass Dr  
 or PO Box No.: Louisville TN 37777  
 City, State, ZIP+4: Louisville TN 37777

PS Form 3800, August 2006 See Reverse for Instructions

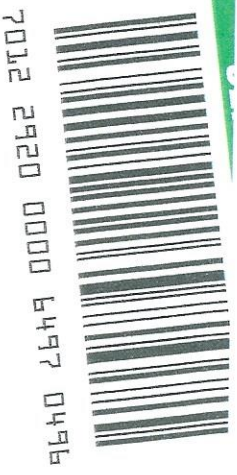
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REGY EYLOCK

500 Corporate Landing  
Charleston, WV 25311



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Don + Norma Buck  
3068 Sagsgrass Dr  
Louisville, TN 37177



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**SENDER: COMPLETE THIS SECTION**

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

1. Article Addressed to:

Don + Norma Buck  
30108 Sagggrass Dr.  
Lawson 1le, TN 37777



9590 9402 7360 2028 3328 93

2. Article Number (Transfer from service label)

7012 2920 0000 6497 0496

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

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  
 X  Agent  
 Addressee

B. Received by (Printed Name) C. Date of Delivery

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

3. Service Type

- Adult Signature
- Adult Signature Restricted Delivery
- Certified Mail®
- Certified Mail Restricted Delivery
- Collect on Delivery
- Collect on Delivery Restricted Delivery
- Insured Mail
- Insured Mail Restricted Delivery (over \$500)
- Priority Mail Express®
- Registered Mail™
- Registered Mail Restricted Delivery
- Signature Confirmation™
- Signature Confirmation Restricted Delivery

Domestic Return Receipt

02/16/2024

**SURFACE OWNER WAIVER**

Operator's Well  
Number

47-101-00124

**INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW4-A**

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

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

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

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**Time Limits and methods for filing comments.** The law requires these materials to be served on or before the date the operator files his Application. You have **FIVE (5) DAYS** after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

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

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

- 1) The proposed well work will constitute a hazard to the safety of persons.
- 2) The soil erosion and sediment control plan is not adequate or effective;
- 3) Damage would occur to publicly owned lands or resources;
- 4) The proposed well work fails to protect fresh water sources or supplies;
- 5) The applicant has committed a substantial violation of a previous permit or a substantial violation of one or more of the rules promulgated under Chapter 22, and has failed to abate or seek review of the violation...".

**If you want a copy of the permit as it is issued or a copy of the order denying the permit, you should request a copy from the Chief.**

**VOLUNTARY STATEMENT OF NO OBJECTION**

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

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

FOR EXECUTION BY A NATURAL PERSON  
ETC.

FOR EXECUTION BY A CORPORATION,  
ETC.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Name  
By  
Its

\_\_\_\_\_  
Date

Signature

Date

02/16/2024



API No. 47-101-00124  
Farm Name \_\_\_\_\_  
Well No. Sun Lumber 3MH

**INSTRUCTIONS TO COAL OPERATORS  
OWNERS AND LESSEE**

The well operator named on the obverse side of WW-4 (B) is about to abandon the well described in the enclosed materials and will commence the work of plugging and abandoning said well on the date the inspector is notified. Which date shall not be less than five days after the day on which this notice and application so mailed is received, or in due course should be received by the Department of Environmental Protection Office of Oil & Gas.

This notice and application is given to you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not the operator will proceed to plug and fill said well in the manner required by Section 24, Article 6, Chapter 22 of the Code and given in detail on obverse side of this application.

NOTE: If you wish this well to be plugged according to 22-6-24(d) then as per Regulation 35CSR4-13.9 you must complete and return to this office on form OB-16 "Request by Coal Operator, Owner, or Lessee for plugging" prior to the issuance of this plugging permit.

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**WAIVER**

The undersigned coal operator \_\_\_\_\_ / owner X / lessee \_\_\_\_\_ / of the coal under this well location has examined this proposed plugging work order. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

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

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

WW-9  
(5/16)

API Number 47 - 101 - 00124  
Operator's Well No. \_\_\_\_\_

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

Operator Name Greylock Conventional, LLC. OP Code 494521205

Watershed (HUC 10) \_\_\_\_\_ Quadrangle \_\_\_\_\_

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

Will a pit be used? Yes  No

If so, please describe anticipated pit waste: \_\_\_\_\_

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

Proposed Disposal Method For Treated Pit Wastes:

- Land Application (if selected provide a completed form WW-9-GPP)
- Underground Injection ( UIC Permit Number \_\_\_\_\_ )
- Reuse (at API Number \_\_\_\_\_ )
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain \_\_\_\_\_)

Will closed loop system be used? If so, describe: Yes, tank returns at tanks

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. Freshwater  
-If oil based, what type? Synthetic, petroleum, etc. n/a

Additives to be used in drilling medium? \_\_\_\_\_

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. No cutngs expected  
-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust) \_\_\_\_\_

-Landfill or offsite name/permit number? \_\_\_\_\_

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.

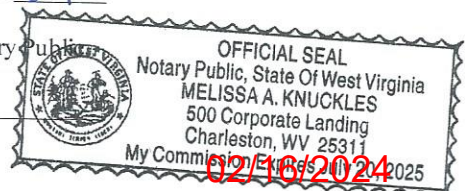
I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is 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 G.M.R.  
Company Official (Typed Name) Gavin M. Reed  
Company Official Title Asset Development Manager

Subscribed and sworn before me this 22nd day of January, 2024

Melissa A. Knuckles Notary Public

My commission expires July 20, 2025



Proposed Revegetation Treatment: Acres Disturbed 1.0 Prevegetation pH \_\_\_\_\_

Lime 3 Tons/acre or to correct to pH 6.5

Fertilizer type 10-10-20

Fertilizer amount 500 lbs/acre

Mulch Hay Bales Tons/acre

**Seed Mixtures**

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
ORCHARD GRASS	12	ORCHARD GRASS	12
LANDINO CLOVER	3	LANDINO CLOVER	3
TIMOTHY	10	TIMOTHY	10

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: \_\_\_\_\_

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

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WV Department of  
Environmental Protection

Title: OOG Inspector Jeff A. Propst

Date: 01/24/2024

Field Reviewed? ( ) Yes ( X ) No



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

Operator Name: Greylock Conventional, LLC.  
Watershed (HUC 10): Left Fork of Holly River Quad: Hacker Valley 7.5  
Farm Name: \_\_\_\_\_

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

N/A - no discharge of fluids

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

Closed loop system, all returns will be taken in tanks and hauled to WVDEP approved facility.

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

N/A

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Environmental Protection

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

N/A

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

N/A

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

Greylock will not use any waste material for deicing or fill material on 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.

N/A SEE SECTION 2

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

Daily inspections of equipment will be performed

Signature: Jeff A. Prusoff

Date: 01/24/2024

WW-7  
8-30-06



West Virginia Department of Environmental Protection  
Office of Oil and Gas

**WELL LOCATION FORM: GPS**

API: 47-101-00124 WELL NO.: 3MH

FARM NAME: SUN LUMBER

RESPONSIBLE PARTY NAME: Greylock Conventional, LLC

COUNTY: Webster DISTRICT: Hacker Valley

QUADRANGLE: Left Fork of Holly River

SURFACE OWNER: Donald & Norma Buck

ROYALTY OWNER: Donald & Norma Buck et al

UTM GPS NORTHING: 4283396.75

UTM GPS EASTING: 546216.92 GPS ELEVATION: 1,786

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit or assigned API number on the above well. The Office of Oil and Gas will not accept GPS coordinates that do not meet the following requirements:

1. Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.

2. Accuracy to Datum – 3.05 meters

3. Data Collection Method:

Survey grade GPS  : Post Processed Differential

Real-Time Differential

Mapping Grade GPS  : Post Processed Differential

Real-Time Differential

4. **Letter size copy of the topography map showing the well location.**

I the undersigned, hereby certify this data 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 Office of Oil and Gas.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

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Environmental Protection

02/16/2024



Well Location Map for  
47-101-00124  
Sun Lumber #3MH

Northing: 4283396.754  
Easting: 546216.916  
Elevation: 1778.77 ft

UTM NAD83 Zone 17N Meters

GREYLOCK  
Greylock Conventional, LLC  
500 Corporate Landing  
Charleston, WV 25311

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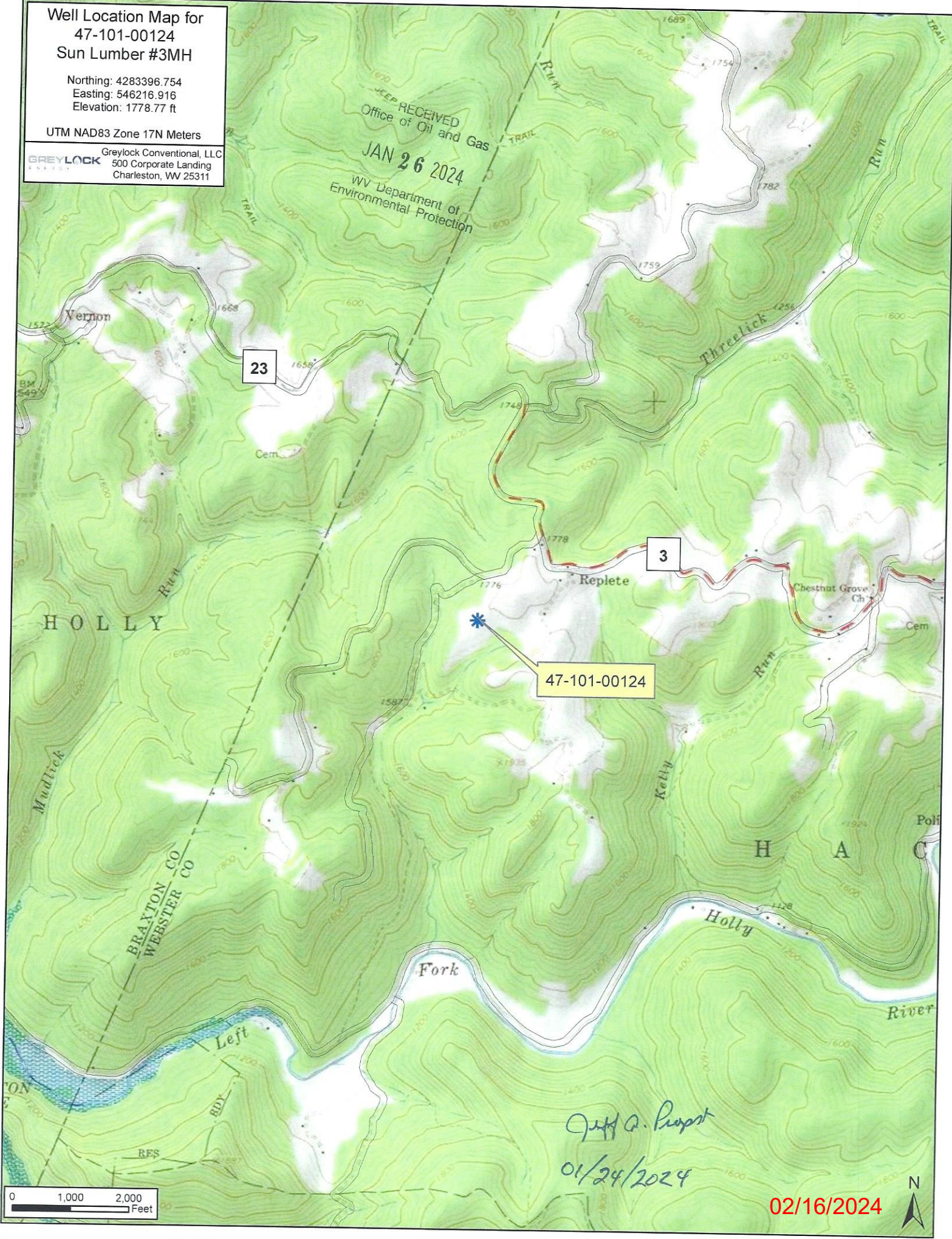
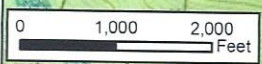
23

3

47-101-00124

*Jeff A. Probst*  
01/24/2024

02/16/2024





# 47-101-00124 SUN LUMBER #3MH

47-101-00124  
SUN LUMBER #3MH

WELL \*

NO PITS OR LAND APPLICATION WILL BE USED

NOT TO SCALE



3

3/1

Access Road

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Environmental Protection

1 inch = 500 feet



*Jeff A. Probst*  
01/24/2024

ALL ROADS SHOWN HEREON ARE EXISTING UNLESS OTHERWISE NOTED AND SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.E.P. OIL AND GAS BMP MANUAL ENTRANCES AT COUNTY/STATE ROADS SHALL BE MAINTAINED WITH WV D.O.T. REGULATION. SEPARATE PERMITS MAY BE REQUIRED BY D.O.T.

EARTHWORK CONTRACTORS ARE RESPONSIBLE FOR NOTIFICATION TO THE OPERATOR AND D.E.P. PRIOR TO ANY DEVIATION FROM THIS PLAN.

**GREYLOCK**  
ENERGY

Greylock Conventional, LLC

500 Corporate Landing Charleston, WV 25311  
304-925-6100 - www.greylockenergy.com

Date: 01/12/24

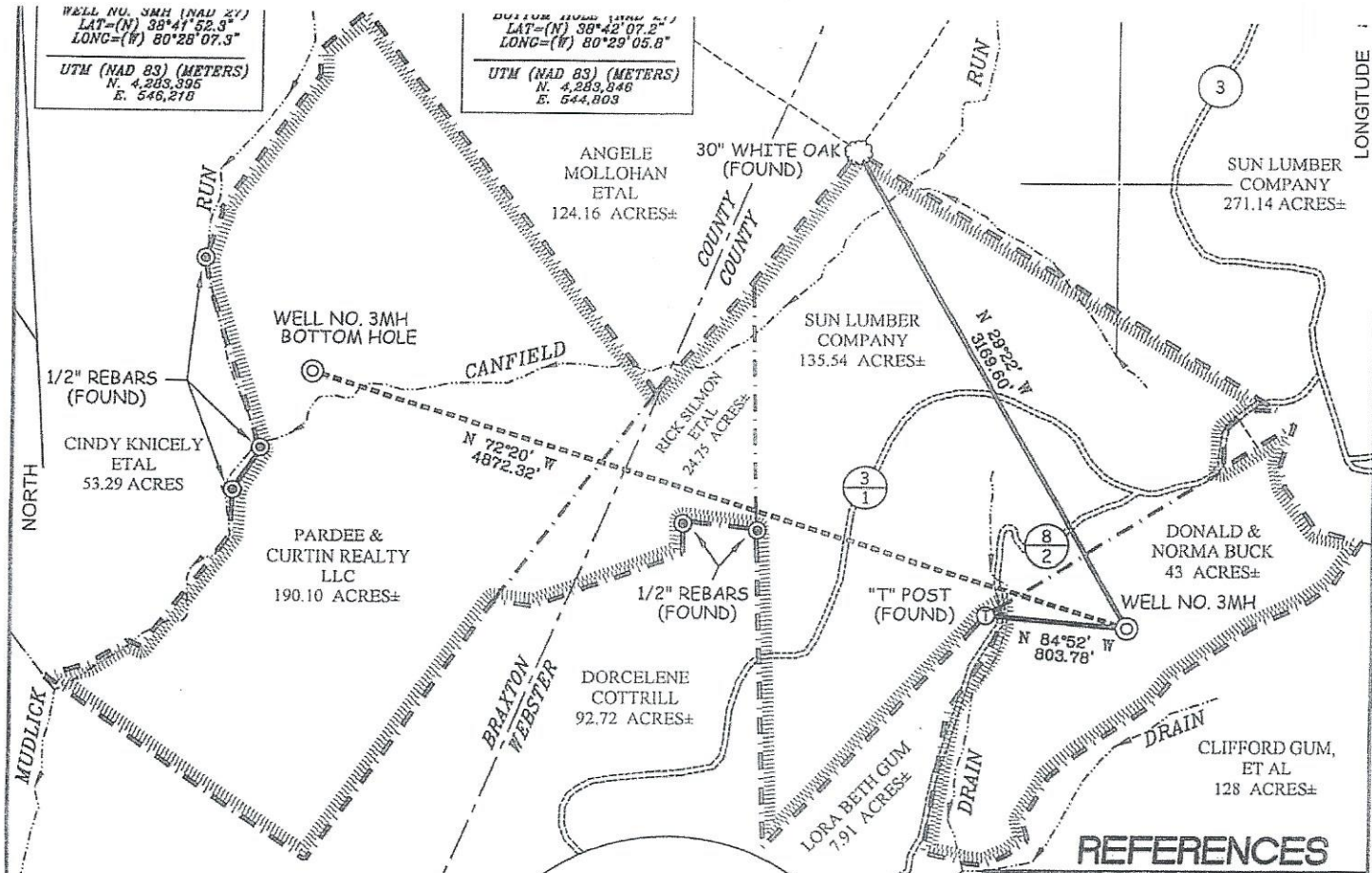
TOPO SECTION OF USGS  
HACKER VALLEY 7.5' QUADRANGLE

02/16/2024



WELL NO. 3MH (NAD 27)  
 LAT=(N) 38°41'52.9"  
 LONG=(W) 80°28'07.3"  
 UTM (NAD 83) (METERS)  
 N. 4,283,395  
 E. 546,218

DUTCHMAN RUN  
 LAT=(N) 38°42'07.2"  
 LONG=(W) 80°29'05.8"  
 UTM (NAD 83) (METERS)  
 N. 4,283,346  
 E. 544,803



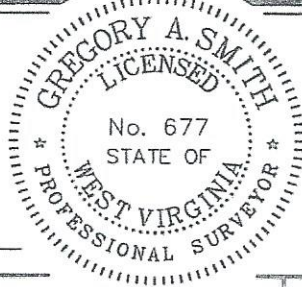
**NOTES ON SURVEY**

1. TIES TO WELLS, REFERENCES, AND CORNERS ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM SOUTH ZONE NAD '27.
2. LEASE BOUNDARY SHOWN HEREON TAKEN FROM MISC. BOOK 9 PAGE 271 AND ADJOINING DEEDS.
3. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF WEBSTER & BRAXTON COUNTIES IN JULY, 2012.
4. WELL COORDINATES ESTABLISHED BY DGPS (SURVEY GRADE).



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 OCTOBER 5, 20 12  
 OPERATORS WELL NO. 3MH  
 API WELL NO. 47-101-00124H6A  
 STATE 47 COUNTY 101 PERMIT 00124H6A

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. 7616P3MH(422-66)  
 PROVEN SOURCE OF ELEVATION DGPS (SURVEY GRADE) SCALE 1" = 1,000'

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

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  IF "GAS" PRODUCTION  STORAGE  DEEP  SHALLOW

LOCATION: ELEVATION 1,786' WATERSHED LEFT FORK OF HOLLY RIVER  
 DISTRICT HACKER VALLEY COUNTY WEBSTER QUADRANGLE HACKER VALLEY 7.5'

SURFACE OWNER DONALD & NORMA BUCK ACREAGE 43±  
 ROYALTY OWNER DONALD & NORMA BUCK, ET AL LEASE ACREAGE 43, 135.54, 24.75, & 190.10±

PROPOSED WORK: DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG  FORMATION  PERFORATE NEW FORMATION  PLUG AND ABANDON  CLEAN OUT AND REPLUG  OTHER

*Gregory A. Smith* 01/24/2024 LEASE NO. \_\_\_\_\_ DATE 02/16/2024

COUNTY NAME



Sun Lumber 3

PLUGGING PERMIT CHECK

Plugging Permit

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

Department of  
Protection

02/16/2024