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west virginia department of environmental protection

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

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

Tuesday, April 25, 2023  
WELL WORK PLUGGING PERMIT  
Vertical Plugging

GREYLOCK CONVENTIONAL, LLC  
500 CORPORATE LANDING

CHARLESTON, WV 25311

Re: Permit approval for TASA COAL 3  
47-005-01547-00-00

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: TASA COAL 3  
Farm Name: CANTERBURY, ELMER  
U.S. WELL NUMBER: 47-005-01547-00-00  
Vertical Plugging  
Date Issued: 4/25/2023

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4700501547P

## 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.

04/28/2023

1) Date March 1, 2023  
2) Operator's  
Well No. Tasa Coal # 3  
3) API Well No. 47-005-01547 -

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 \_\_\_ / Shallowx

5) Location: Elevation 1180 Watershed Bradshaw Run of Lick Run  
District Peytona County Boone Quadrangle Racine 7.5

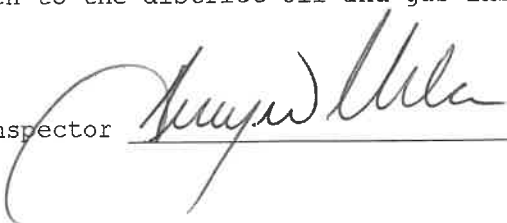
6) Well Operator Greylock Conventional, LLC. 7) Designated Agent Joe Farris  
Address 500 Corporate Landing Address 500 Corporate Landing  
Charleston, WV 25311 Charleston, WV 25311

8) Oil and Gas Inspector to be notified Name Terry Urban  
Address P.O. Box 1207  
Clendenin, WV 26045  
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  Date 3-22-23



500 Corporate Landing  
Charleston WV 25311

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### Tasa Coal #3 P&A Procedure:

1. Notify the inspector at least 24 hours prior to conducting abandonment operations
2. Blow down well
3. POOH with Tubing, RIH and confirm TD and fill depth.
4. Prep for cement. NOTIFY INSPECTOR OF TAG DEPTH
5. Lead with gel spacer on all cement plugs
6. **PLUG 1** – Set 550' cement plug from Approved Tag Depth -1344' to cover perfs located 1705'-1562' and Little Lime/Lower Maxton 1439 & 1396'.
  - a. WOC and tag TOC to confirm perfs are covered. Pump another plug if cement fell below 1345'.
7. **PLUG 2** – PUH and set balance plug from 1230' – 1130' to cover elevation @ 1180'
8. Free point 4.5" casing, rip and pull pipe. Note: Pull pipe after cement plugs below are set.
9. **Casing Cut PLUG 3** - Set 100' plug across casing cut
  - a. pending depth, might include Plug 3 or 4 during job.
10. **PLUG 4** – PUH and set balance plug from 865'-765' to cover salt water at 815'
11. **PLUG 5** – PUH and set balance plug from 765' – 550' to cover 8 5/8<sup>th</sup> shoe and coal tops @ 701, 668 and 600'
12. **PLUG 6** - PUH and set balance plug from 390' – surface' to cover coal @ 337', 276', 255', 177', 80'. Fresh water @ 240'
13. Set monument 30" above ground with Well Name, API and plug date


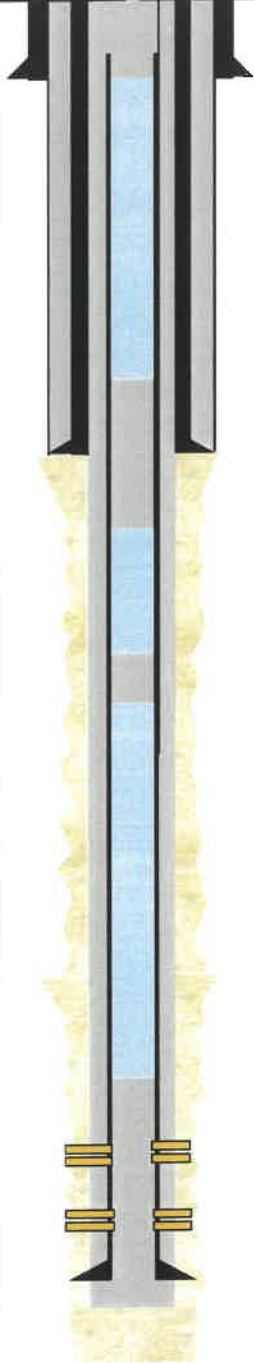
Section	Size	Weight/Grade	Depth	Hole Size	TOC
Conductor	13 3-8"	NA	20'	NA	Fill
Surface	8-5/8"	NA	701'	NA	Surface
Production	4-1/2"	NA	1813'	NA	516 sks
Tubing	1-1/2"	NA	1675'	NA	NA

Operator to Cover with Cement All Oil & Gas Formation  
Including Salt Elevation Coal & Freshwater

*Augusta*  
3-23-23


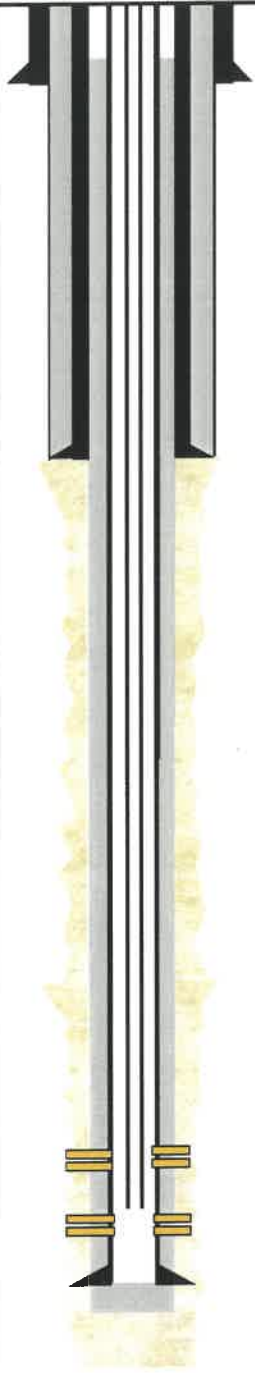
04/28/2023

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			Greylock Conventional, LLC.
			Tasa Coal #3
			API #: 4700501547
			Casing and Cementing Details (Current)
			Boone Co., WV
<b>Casing Size</b>		<b>Hole Size</b>	<b>Detailed Description</b>
13 3/8" Set @ 20'			Plug 6: 390' - Surface Unknown Cement Top behind 4 1/2"
8 5/8" set @ 701'			PLUG 3: Casing Cut depth (across casing cut)
Perfs @ 1673 - 1562' 1 1/2" tubing @ 1675' Perfs @ 1705 - 1699' 4 1/2" set @ 1813'			PLUG 5: 765' - 550' (covers shoe and coal tops @ 701, 668, 600') PLUG 4: 865-765' (covers salt @ 815')
TD 1894'			PLUG 2 - 1230'-1130' (covers elevation)
			<p>RECEIVED Office of Oil and Gas</p> <p><b>MAR 24 2023</b></p> <p>WV Department of Environmental Protection</p>
			PLUG 1: Approved Tag Depth - 1344'

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			Greylock Conventional, LLC.
			Tasa Coal #3
			API #: 4700501547
			Casing and Cementing Details (Current)
			Boone Co., WV
<b>Casing Size</b>		<b>Hole Size</b>	<b>Detailed Description</b>
13 3/8" Set @ 20'			
8 5/8" set @ 701'			
Perfs @ 1673 - 1562'			
1 1/2" tubing @ 1675'			
Perfs @ 1705 - 1699'			
4 1/2" set @ 1813'			
TD 1894'			

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State of West Virginia  
 Division of Environmental Protection  
 Section of Oil and Gas

API # 47-5-01347  
 4700501547P

Well Operator's Report of Well Work

Farm name: CANTERBURY, ELMER Operator Well No.: TASA COAL #3

LOCATION: Elevation: 1180.00 Quadrangle: RACINE

District: PEYTONA County: BOONE  
 Latitude: 5900 Feet South of 38 Deg. 12Min. 30 Sec.  
 Longitude 10270 Feet West of 81 Deg. 40 Min. 0 Sec.

Company: EASTERN AMERICAN ENERGY C  
 P. O. BOX N  
 GLENNVILLE, WV 26351-0000

Agent: DONALD C. SUPCOE

Inspector: RICHARD CAMPBELL  
 Permit Issued: 01/13/92  
 Well work Commenced: 02/22/92  
 Well work Completed: 03/07/92  
 Verbal Plugging  
 Permission granted on:  
 Rotary X Cable \_\_\_\_\_ Rig \_\_\_\_\_  
 Total Depth (feet) 1894'  
 Fresh water depths (ft) 240'  
 Salt water depths (ft) 815'

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
13-3/8"	20'	20'	-----
8-5/8"	701.20'	701.20'	CTS
4-1/2"	1813.40'	1813.40'	516
1-1/2"		1675.00'	-----

Is coal being mined in area (Y/N)? N  
 Coal Depths (ft): 80' - 82', 177' - 181',  
 255' - 258', 276' - 279', 337' - 340', 600'  
 600' - 603', 668' - 670'.

OPEN FLOW DATA

(Comingled)

Producing formation Injun, Big Lime Pay zone depth (ft) 1705.5' - 1562'  
 Gas: Initial open flow 242 MCF/d Oil: Initial open flow N/A Bbl/d  
 Final open flow 211 MCF/d Final open flow N/A Bbl/d  
 Time of open flow between initial and final tests 15 Hours  
 Static rock Pressure 450 psig (surface pressure) after 24 Hours

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

NOTE: ON BACK OF THIS FORM 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 ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: EASTERN AMERICAN ENERGY CORP.

By: Ronald L. Lunt  
 Date: 3-12-92

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DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

2 STAGE FRAC

STAGE ONE:

Injun: 14 holes (1705.5' - 1699') Energized water, 35 lbs/1000 gals gel, 35,000 lbs 20/40 sand, 500 gals 15% HCl acid and 108,000 scf of N<sub>2</sub>.

STAGE TWO

Big Lime: 16 holes (1673' - 1562.5') Acidized w/6000 gals of 15% HCl acid and 35 lbs/1000 gals gel. N<sub>2</sub> 53,000 scf.

WELL LOG

FORMATION COLOR HARD/SOFT	TOP FEET	BOTTOM FEET	REMARKS: Indicate fresh & salt water, coal, oil & gas
Soil	00	15'	Soap hole 810'
Sand	15'	80'	
Caol	80'	82'	
Sand & Shale	82'	177'	
Coal	177'	181'	GAS CHECKS: 1058' NO SHOW 1320' NO SHOW 1399' NO SHOW 1523' NO SHOW
Sand & Shale	181'	255'	
Coal	255'	258'	
Sand & Shale	258'	276'	
Coal	276'	279'	1560' ODOR 1584' 18/10 thru 2" w/wt 1616' 16/10 thru 2" w/wt 1674' 4/10 thru 2" w/wt:
Sand	279'	337'	
Coal	337'	340'	
Sand	340'	415'	
Open Cave	415'	420'	1741' 4/10 thru 2" w/wt DC 4/10 thru 2" w/wt:
Sand	420'	600'	
Coal	600'	603'	
Sand & Shale	603'	668'	
Coal	668'	670'	
Sand & Shale	670'	708'	
Sand & Shale	708'	937'	
Sand	937'	1032'	
Shale	1032'	1074'	
Sand	1074'	1311'	
Sand & Shale	1311'	1396'	
Lower Maxton	1396'	1439'	
Little Lime	1439'	1474'	
Pencil Cave	1474'	1484'	
Big Lime	1484'	1674'	
McCradly	1674'	1697'	
Big Injun	1697'	1732'	
Shale	1732'	1894'	
Total Depth		1894'	

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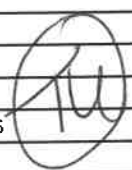
WW-4A  
Revised 6-07

1) Date: March 1, 2023  
2) Operator's Well Number  
Tasa Coal # 3

3) API Well No.: 47 - 005 - 01547

**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 Richard Canterbury  
Address 747 Bradshaw Rd.  
Ashford, WV 25009  
(b) Name \_\_\_\_\_  
Address \_\_\_\_\_  
(c) Name \_\_\_\_\_  
Address \_\_\_\_\_  
6) Inspector Terry Urban  
Address P.O. Box 1207  
Clendenin, WV 25045  
Telephone 304-549-5915



5) (a) Coal Operator  
Name \_\_\_\_\_  
Address \_\_\_\_\_  
(b) Coal Owner(s) with Declaration  
Name Greenbrier Land Company  
Address 1528 Bedford Road  
Charleston, WV 25314  
(c) Coal Lessee with Declaration  
Name \_\_\_\_\_  
Address \_\_\_\_\_

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**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 Greylock Conventional, LLC.  
By: G.M.R.  
Its: Gavin M. Reed Asset Development Manager  
Address 500 Corporate Landing  
Charleston, WV 25311  
Telephone (304) 925-6100

Subscribed and sworn before me this 22<sup>nd</sup> day of March 2023  
Melissa A. Rockles  
My Commission Expires July 20, 2025

Notary Public, State of West Virginia  
MELISSA A. ROCKLES  
500 Corporate Landing  
Charleston, WV 25311  
My Commission Expires July 20, 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 [depprivacvoffier@wv.gov](mailto:depprivacvoffier@wv.gov).

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Return Receipt (hardcopy) \$ \_\_\_\_\_

Return Receipt (electronic) \$ \_\_\_\_\_

Certified Mail Restricted Delivery \$ \_\_\_\_\_

Adult Signature Required \$ \_\_\_\_\_

Adult Signature Restricted Delivery \$ \_\_\_\_\_

Postage \$ \_\_\_\_\_

**Total Postage and Fees** \$ \_\_\_\_\_

Sent To: Richard Canterbury

Street and Apt. No. or P.O. Box No. 141 Bradshaw Rd

City, State, ZIP+4® Asford W 25009

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions



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Extra Services & Fees (check box, add fee as appropriate)

Return Receipt (hardcopy) \$ \_\_\_\_\_

Return Receipt (electronic) \$ \_\_\_\_\_

Certified Mail Restricted Delivery \$ \_\_\_\_\_

Adult Signature Required \$ \_\_\_\_\_

Adult Signature Restricted Delivery \$ \_\_\_\_\_

Postage \$ \_\_\_\_\_

**Total Postage and Fees** \$ \_\_\_\_\_

Sent To: Greenbrier Lead Co

Street and Apt. No. or P.O. Box No. 1528 Bedford Rd

City, State, ZIP+4® Charleston WV 25314

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions



5429 8697 1000 0217 6709

7202 2720 0002 8278 8513

04/28/2023

**SURFACE OWNER WAIVER**

Operator's Well  
Number

47-005-01547

**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

**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,

_____	Date _____	Name _____
Signature		By _____
		Its _____
		_____
		Date _____

Signature

Date

04/28/2023

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WV Department of Environmental Protection

4700501547P

WW-4B

API No. 47-005-01547  
Farm Name \_\_\_\_\_  
Well No. Tasa Coal # 3

**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 \_\_\_\_\_/ 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 \_\_\_\_\_

04/28/2023

4700501547P

WW-9  
(5/16)

API Number 47 - 005 - 01547  
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) Bradshaw Run of Lick Run Quadrangle Racine 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  *tu*

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 **RECEIVED**  
Office of Oil and Gas  
-If oil based, what type? Synthetic, petroleum, etc. n/a

Additives to be used in drilling medium? \_\_\_\_\_ **MAR 24 2023**

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. No cutngs expected **WV Department of Environmental Protection**  
-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. Reed*  
Company Official (Typed Name) Gavin M. Reed  
Company Official Title Asset Development Manager

Subscribed and sworn before me this 22nd day of March, 2023

*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 2 Tons/acre *gum*

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: *Augusta*  
Comments: \_\_\_\_\_

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Title: *Inspector Oil & Gas* Date: *3-23-23*

Field Reviewed?  Yes  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): Bradshaw Run of Lick Run Quad: Racine 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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- 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.

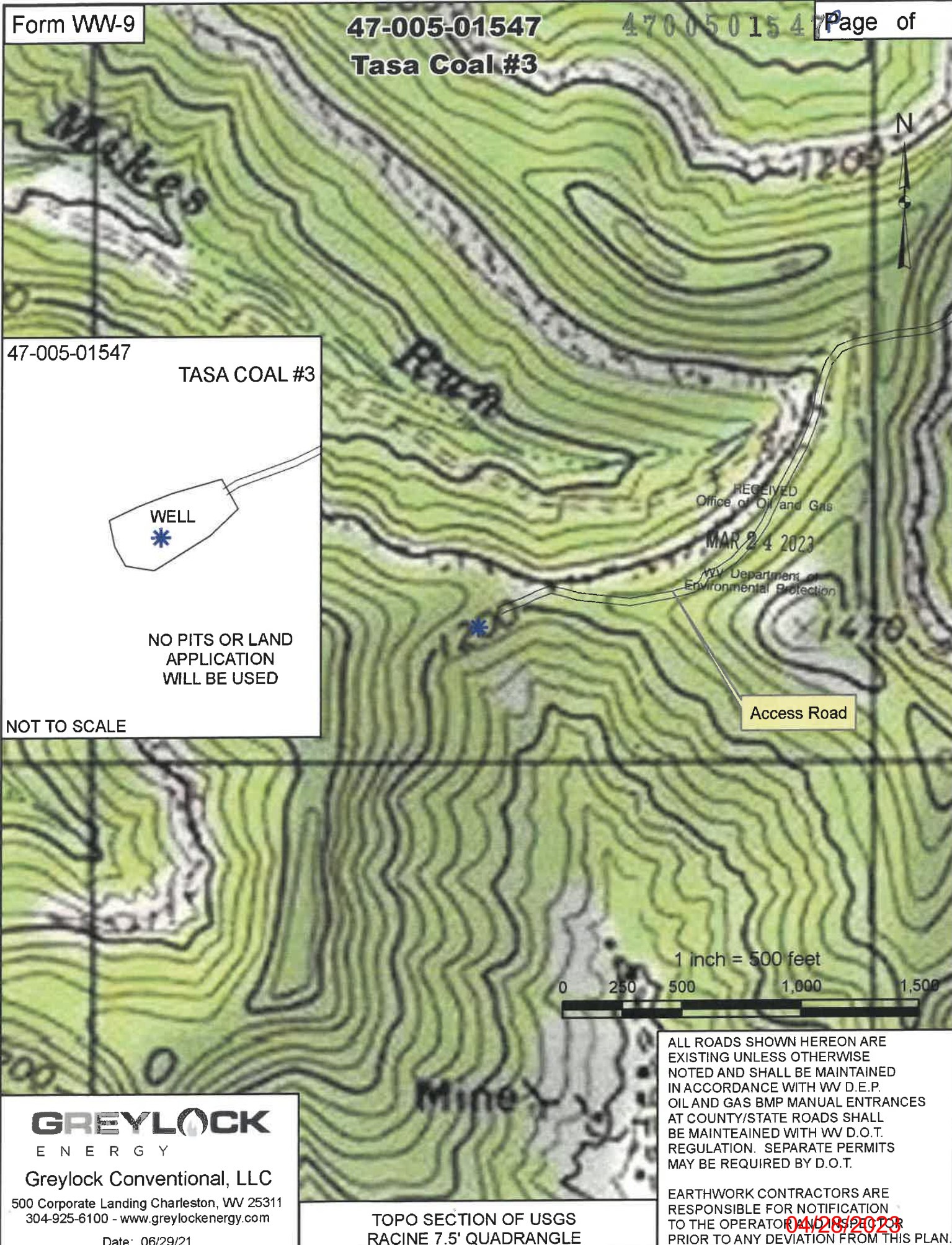
Daily inspections of equipment will be preformed

Signature: \_\_\_\_\_

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

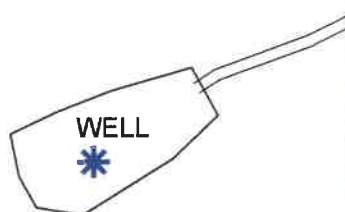


Tasa Coal #3



47-005-01547

TASA COAL #3



NO PITS OR LAND APPLICATION WILL BE USED

NOT TO SCALE

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Access Road

1 inch = 500 feet



**GREYLOCK**  
ENERGY

Greylock Conventional, LLC

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

Date: 06/29/21

TOPO SECTION OF USGS  
RACINE 7.5' QUADRANGLE

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 **04/28/2023** PRIOR TO ANY DEVIATION FROM THIS PLAN.

Well Location Map for  
47-005-01547  
Tasa Coal #3

Northing: 4227387.854  
Easting: 438507.721  
Elevation: 1204.82 ft

UTM NAD83 Zone 17N Meters

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

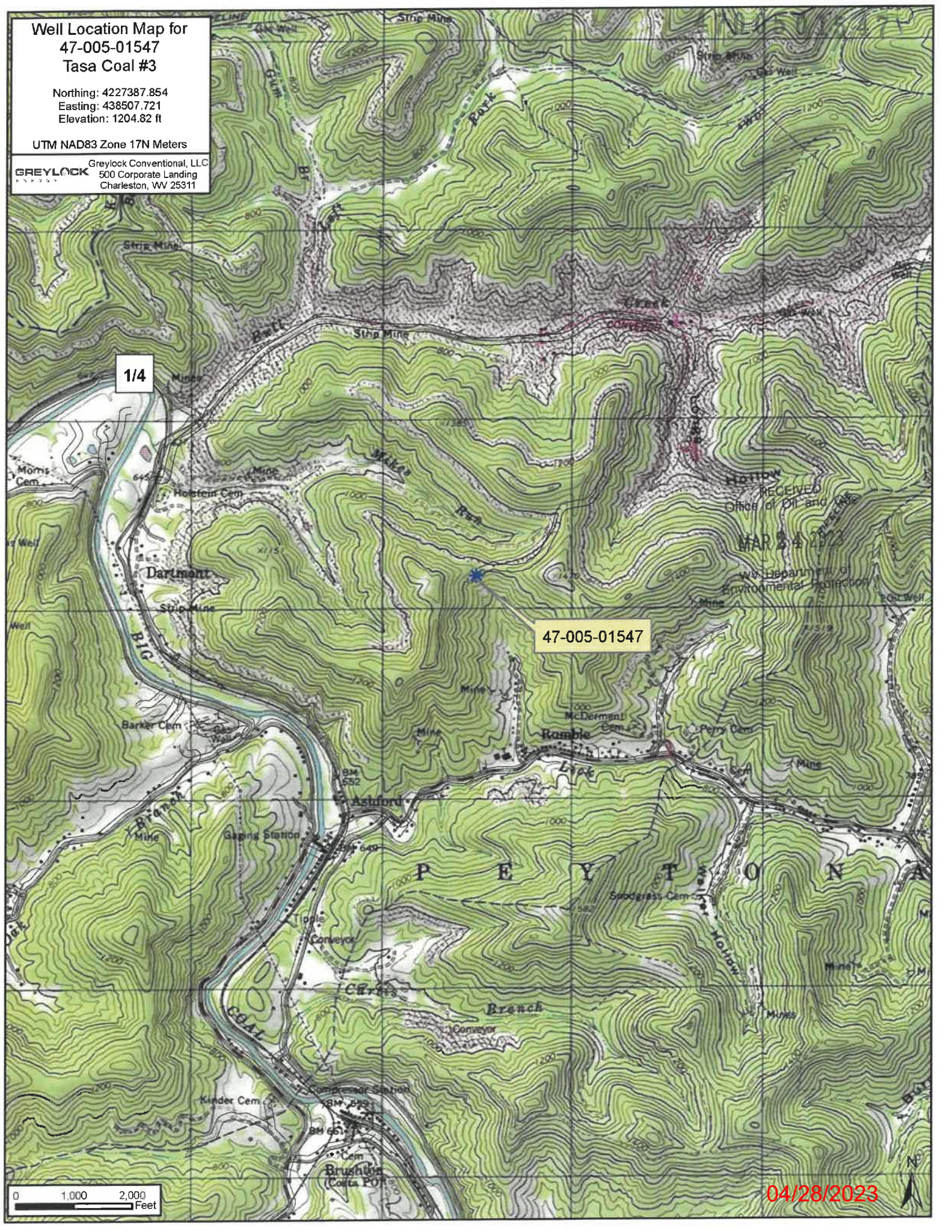
1/4

47-005-01547

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0 1,000 2,000 Feet

04/28/2023





West Virginia Department of Environmental Protection  
Office of Oil and Gas

**WELL LOCATION FORM: GPS**

API: 47-005-01547 WELL NO.: 3

FARM NAME: Tasa Coal

RESPONSIBLE PARTY NAME: Greylock Conventional, LLC

COUNTY: Boone DISTRICT: Peytona

QUADRANGLE: Racine

SURFACE OWNER: Richard Canterberry

ROYALTY OWNER: Greenbrier Land Company

UTM GPS NORTHING: 4227387.85

UTM GPS EASTING: 438507.72 GPS ELEVATION: 1204.8ft

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 \_\_\_\_\_

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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.

G.M. 24  
Signature

Asset Development Mgr.  
Title

3/24/2023  
Date



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

---

## Fwd: Message from KM\_C450i

1 message

---

**McLaughlin, Jeffrey W** <jeffrey.w.mclaughlin@wv.gov>

Tue, Apr 25, 2023 at 3:52 PM

To: mknuckles@greylockenergy.com, James P Kennedy <james.p.kennedy@wv.gov>

Please find attached the newly issued plugging permit for API No. 47-005-01547 ( Western Pocahontas No. 14).

Regards,

Jeffrey W. McLaughlin, Technical Analyst  
WV DEP, Office of Oil and Gas

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


From: <Copy.Center.2064@wv.gov>

Date: Tue, Apr 25, 2023 at 3:40 PM

Subject: Message from KM\_C450i

To: <jeffrey.w.mclaughlin@wv.gov>

---

 **SKM\_C450i23042515400.pdf**  
1450K

04/28/2023