



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

Friday, October 24, 2025
WELL WORK PLUGGING PERMIT
Vertical Plugging

GREYLOCK CONVENTIONAL, LLC
500 CORPORATE LANDING

CHARLESTON, WV 25311

Re: Permit approval for ECA/YAWKEY 156
47-045-01947-00-00

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.

H. Jason Harmon
Acting Chief

A handwritten signature in black ink, appearing to read 'Jason Harmon', is written over a white background.

Operator's Well Number:
Farm Name: WV COAL VENTURE 1 LLC
U.S. WELL NUMBER: 47-045-01947-00-00
Vertical Plugging
Date Issued: 10/24/2025

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.
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.

1) Date September 30, , 2025
2) Operator's
Well No. YAWKEY FREEMAN 156
3) API Well No. 47-045 - 01947

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 1393 Watershed Peach Creek
District Guyan County Logan Quadrangle Logan

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

8) Oil and Gas Inspector to be notified 9) Plugging Contractor
Name Christian Porter Name R & R Well Services
Address P.O. Box 181 Address 42 Lynch Ridge Road
Holden, WV 25625 Walton, WV 25286

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

PLEASE SEE ATTACHED

RECEIVED
Office of Oil and Gas
OCT 03 2025
By: [Signature]
[Signature]

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

Work order approved by inspector



Date

10.3-25

10/31/2025

WR-35 **RECEIVED**
Office of Oil & Gas

JAN 22 2008

**WV Department of
Environmental Protection**

**State of West Virginia
Division of Environmental Protection
Section of Oil and Gas
Well Operator's Report of Well Work**

14 January 2008

API # 47-45-01947

Farm name: Homes for Appalachia

Operator Well No.: ECA/Yawkey 156

LOCATION: Elevation: 1379' Quadrangle: Logan 7.5'
District: Guyan County: Logan
Latitude: 37° 52' 02.7 "
Longitude: 81° 57' 30 "

Company: EASTERN AMERICAN ENERGY CORPORATION
501 56th Street
Charleston, WV 25328

Casing & Tubing	Used in Well	Left in Well	Cement Fill Up Cu. Ft.
13-3/8"	38'	38'	Driven
9-5/8"	440'	440'	125
7"	2019'	2019'	436
4-1/2"	4888'	4888'	486

Agent: Rod A. Winters

Inspector: Ralph Triplett

Permit Issued: 06/01/2007

Well work commenced: 10/23/2007

Well work completed: 12/05/2007

Verbal plugging

Permission granted on:

Rotary ☒ Cable ☐ Rig

Total Depth (feet): 4907'

Fresh water depths (ft): 50'

Salt-water depths (ft): 1130', 1533'

Is coal being mined in area? (Y/N) No

Coal Depths (ft): 65'-71', 354'-358' Open Mine

Open Flow Data

Gas:	Initial open flow	0	MCF/d	Oil:	Initial open flow	0	Bbl/d
	Final open flow	N/A	MCF/d		Final open flow	0	Bbl/d
Time of open flow between initial and final tests				Day			
Static rock pressure		210	psi	(surface pressure) after		24	Hours
1 st Producing Formation	Devonian Shale			Pay zone depth (ft)	4648' - 4867'		
2 nd Producing Formation	Devonian Shale			Pay zone depth (ft)	3928' - 4283'		
3 rd Producing Formation	Berea			Pay zone depth (ft)	2837' - 2843'		
4 th Producing Formation	Big Injun			Pay zone depth (ft)	2337' - 2353'		
5 th Producing Formation				Pay zone depth (ft)	' - '		

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.

Rod A. Winters, Agent
For: EASTERN AMERICAN ENERGY CORPORATION

By: Designated Agent
Date: 14 January, 2008

10/31/2025 ✓

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Office of Oil and Gas
OCT 03 2025
WV Department of
Environmental Protection

STAGE ONE:	Devonian Shale		
	40 Shots	4648'-4867'	
	90-85Q Foam Frac	86,052 lbs sand.	2330.3 Mcf N2
STAGE TWO:	Devonian Shale		
	40 Shots	3928'-4283'	
	90-80Q Foam Frac	25,527 lbs sand.	985.6 Mcf N2
STAGE THREE:	Berea		
	18 Shots	2837'-2843'	
	75Q Foam Frac	25,008 lbs sand	332.7 Mcf N2
STAGE FOUR:	Big Injun		
	16 Shots	2273'-2352'	
	75Q Foam Frac	19,622 lbs sand	197.1 Mcf N2

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Office of Oil and Gas
OCT 03 2025

10/31/2025

FORMATION COLOR, HARD OR SOFT	TOP FEET	BOTTOM FEET
Sub	0	10
Fill	10	24
Brown Sand	24	65
Coal	65	71
Sand & Shale	71	972
Salt Sand	972	1420
Sand & Shale	1420	1447
Salt Sand	1447	1683
Sand & Shale	1683	1816
Maxton, Upper	1625	1679
Maxton, Middle	1804	1866
Maxton, Lower	1937	1988
Little Lime	2010	2049
Big Lime	2049	2269
Big Injun	2333	2362
Weir	2426	2488
Sunbury	2805	2833
Berea	2833	2845
Lower Huron	3925	4294
Java	4294	4424
Pipe Creek	4424	4431
Angola	4431	4647
Rhinestreet	4647	4836
Marcellus	4836	4875
Onondaga	4875	
TD	4907'	

REMARKS
Including indication of all fresh & salt
water, coal, oil & gas

Damp Fresh H₂O @ 50'
Open Mine @ 354'-358'
Damp Salt H₂O @ 1130'
1" Salt H₂O @ 1533'
Gas Check @ 2081' – 94 mcf
Gas Odor @ 2399'

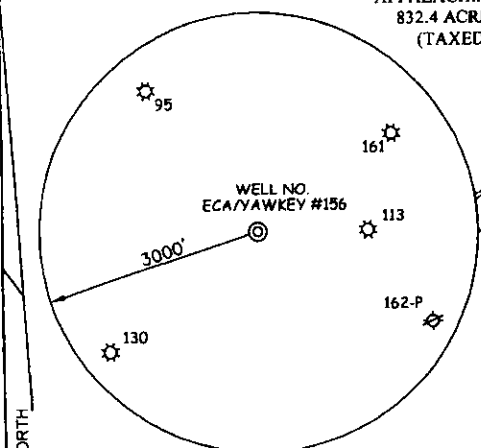
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Office of Oil and Gas

OCT 03 2025

10/31/2025

YAWKEY & FREEMAN LEASE

LATITUDE 37°52'30"

369 ACRES±
ECA/YAWKEY NO. 156
(TRACT 139)HOMES FOR
APPALACHIA, INC.
832.4 ACRES±
(TAXED)HOMES FOR
APPALACHIA, INC.
587 ACRES±
(TAXED)YF TRACT #117
1,092 ACRES±

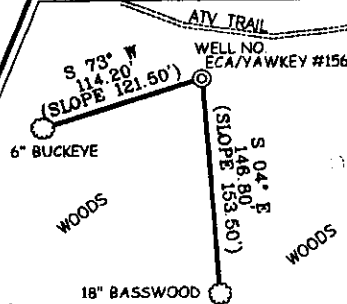
47-045-1510

WELL NO.
ECA/YAWKEY #156
STATE PLANE
COORDINATES
(N) 317.285
(E) 1,722.321YF TRACT #213-16
339.96 ACRES±HOMES FOR
APPALACHIA, INC.
287.26 ACRES±
(TAXED)YF TRACT #139
369 ACRES±WELL NO.
ECA/YAWKEY #156
N 89°33' E
1503.11'

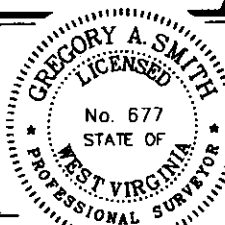
NOTES ON SURVEY

1. TIES TO WELLS AND CORNERS ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM SOUTH ZONE NAD '27.
2. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 11/15/08.
3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM DEED BOOK 'V' PAGE 414.
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF LOGAN COUNTY IN JULY, 2008.
5. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS (SUBMETER MAPPING GRADE).

REFERENCES



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

DATE NOVEMBER 27, 20 06

OPERATORS WELL NO. ECA/YAWKEY #156

API
WELL NO. 47 - 045 - 01947
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 5062P156 (225-01)
PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING 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 1,379' WATERSHED PEACH CREEK
DISTRICT GUYAN COUNTY LOGAN QUADRANGLE LOGAN 7.5'

SURFACE OWNER HOMES FOR APPALACHIA, INC. ACREAGE 287.26± (TAXED)
ROYALTY OWNER YAWKEY & FREEMAN HEIRS OR ASSIGNS LEASE ACREAGE 369± (TRACT NO. 139)

PROPOSED WORK: LEASE NO. _____
DRILL ☒ CONVERT ☐ DRILL DEEPER ☐ REDRILL ☐ FRACTURE OR STIMULATE ☒ PLUG OFF OLD
FORMATION ☐ PERFORATE NEW FORMATION ☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG ☐ OTHER ☐
PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION Devonian Shale
ESTIMATED DEPTH 4979'

WELL OPERATOR EASTERN AMERICAN ENERGY CORP.
ADDRESS 501 56TH STREET
CHARLESTON, WV 25304DESIGNATED AGENT RODNEY A. WINTERS
ADDRESS 501 56TH STREET
CHARLESTON, WV 25304

10/31/2025

28

49-01947

Form: WW - 2B

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

1) Well Operator: **EASTERN AMERICAN ENERGY CORPORATION**

014980	Logan	45	Guyan	4	Logan	442
Operator ID	County		District		Quadrangle	

2) Operators Well Number: **ECA YAWKEY #156**

3) Elevation: **1379' GL**

4) Well Type: (a) Oil _____ or Gas **XX**

(b) If Gas: Production X / Underground Storage _____
Deep X / Shallow _____

5) Proposed Target Formation(s): **Devonian Shale, Berea, Big Lime**

6) Proposed Total Depth: **4979'**

7) Approximate fresh water strata depths: **78', 373' ^{978'}**

8) Approximate saltwater depths: **998', 1269', 1352', 1444'**

9) Approximate coal seam depths: **78', 143', 279', 305', 357', 373'**

10) Does land contain coal seams tributary to active mine? **NO**

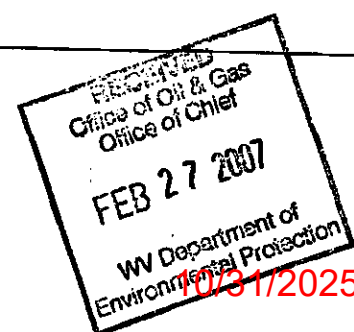
11) Describe proposed well work: **Drill and complete the new deep well pursuant to the Oil and Gas Conservation Commission's Order Authorizing Special Field Rules - Docket No. 175 - Cause No. 160 - Order No. 1 from the Yawkey Freeman Field.**

12) Wells used to correlate data: **47-045-01918, 47-045-00100, 47-045-00138, 47-045-00180**

CASING AND TUBING PROGRAM

Type	Size	Grade	Weight Per foot	For Drilling	Left In Well	Fill-up (ft ³)
Conductor	13-3/8"	LS, R-3	37#	30'	30'	
Fresh Water						
Coal	9-5/8"	LS, R-3	26#	423'	423'	CTSft ³ ¹⁹⁷¹ 2011/07
Intermediate	7"	LS, R-3	17#	2044'	2044'	CTSft ³ ¹⁹⁷¹ 2011/07
Production	4-1/2"	M-65, R-3	9.5#	4979'	4979'	398 ft ³
Tubing						
Liner						

Packers: Kind _____
Sizes _____
Depths Set _____



500 Corporate Landing
Charleston WV 25311

ECA Yawkey 156 P&A Procedure:

Casing Details				
OD (in)	Weight & Grade	Depth (ft)	Hole Size	Cement (ft ³)
9-5/8"	NA	440	NA	125
7"	NA	2019	NA	436
4-1/2"	NA	4888	NA	486

13-3/8

38

Driven

Plug Table				
Plug #	To Cover	Top	Bottom	Plug Height
1	Perfs	4528	4628	100
2	Perfs	3820	3920	100
3	Perfs	2717	2817	100
4	Perfs/ Weir	2217	2406	189
5	7" casing shoe and gas zone	1969	2131	162
6	Salt water zone and elevation	1329	1583	254
7	Salt water zone	1080	1180	100
8	9-5/8" casing shoe and coal	304	490	186
9	Surface and fresh water zones	Surface	210	210
If free pipe exists				

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 6% with gel spacer on all cement plugs.
 - a. Note: Class A or Class L can be used for cement plugs.
6. **Plug 1:** Set cement plug from **4628' -4528'** to cover first set of perfs (4867'-4648').
7. **Plug 2:** Set 100' cement plug from **3920' -3820'** to cover second set of perfs (4283'-3928').
8. **Plug 3:** Set 100' cement plug from **2817' -2717'** to cover third set of perfs (2843'-2837').
9. **Plug 4:** Set 189' cement plug from **2406' -2217'** to cover fourth set of perfs (2353'-2337') and gas zone (2399').
10. **Plug 5:** Set 162' cement plug from **2131' -1969'** to cover 7" casing shoe (2019') and gas zone (2081').

AP

10/31/2025



500 Corporate Landing
Charleston WV 25311

11. **Plug 6:** Set 254' cement plug from **1583'-1329'** to cover salt water (1533') and elevation (1379').
12. **Plug 7:** Set 100' cement plug from **1180'-1080'** to cover water (1130').
13. **Plug 8:** Set 186' cement plug from **490'-304'** to cover 9-5/8" casing shoe (440') and coal (358'-354').
14. **Plug 9:** Set 210' cement plug from **210'-Surface'** to cover surface and water zones (160' and 50'). *13 3/8 casing*
 - a. **NOTE:** Confirm ZERO annular gas migration before pumping surface plug.
15. Set monument 30" above ground with Well Name, API and plug date.

AP

10/31/2025

WW-4A
Revised 6-07

1) Date: September 30, 2025
2) Operator's Well Number
YAWKEE FREEMAN # 156
3) API Well No.: 47 - 045 - 01947

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:	5) (a) Coal Operator
(a) Name <u>Green Meadows Holdings, LLC.</u>	Name _____
Address <u>120 Prosperous Place Suite 100</u>	Address _____
<u>Lexington, KY 40509</u>	
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>Green Meadows Holdings, LLC.</u>
	Address <u>120 Prosperous Place Suite 100</u>
	<u>Lexington, KY 40509</u>
(c) Name _____	Name _____
Address _____	Address _____
6) Inspector <u>Christian Porter</u>	(c) Coal Lessee with Declaration
Address <u>P.O. Box 181</u>	Name _____
Telephone <u>606-591-0079</u>	Address _____

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: Gavin M. Reed
Its: Asset Development Manager
Address 500 Corporate Landing
Charleston, WV 25311
Telephone (304) 925-6100

RECEIVED
Office of Oil and Gas
OCT 03 2025
WV Department of
Environmental Protection

Subscribed and sworn before me this 30th day of September
Melissa A. Knuckles Notary Public
My Commission Expires July 20, 2030



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.

10/31/2025



500 Corporate Landing
Charleston, WV 25311



9589 0710 5270 0040 0685 24



US POSTAGE
ZIP 25311 \$007.74⁰
02 4W
0000368130 OCT 03 2025

Green Meadows Holdings, LLC
120 Prosperous Place
Suite 100
Lexington KY 40509

RECEIVED
Office of Oil and Gas

OCT 03 2025

WV Department of
Environmental Protection

10/31/2025

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:

Green Meadows Holdings LLC
120 Prosperous Place
Suite 100
Lexington KY 40509



9590 9402 8423 3156 9387 23

2.

9589 0710 5270 0040 0685 24

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

COMPLETE THIS SECTION ON DELIVERY

- A. Signature ☒ Agent ☐ Addressee
- B. Received by (Printed Name) C. Date of Delivery
- D. Is delivery address different from item 1? ☐ Yes ☐ No
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
 - ☐ Priority Mail Express®
 - ☐ Registered Mail™
 - ☐ Registered Mail Restricted Delivery
 - ☐ Signature Confirmation™
 - ☐ Signature Confirmation Restricted Delivery

Domestic Return Receipt

RECEIVED
Office of Oil and Gas
OCT 03 2025
WV Department of
Environmental Protection

10/31/2025

U.S. Postal Service
CERTIFIED MAIL® RECEIPT
 Domestic Mail Only

For delivery information, visit our website at www.usps.com

OFFICIAL USE

Postmark Here

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

Green Meadows Holdings
 Suite 100 (Photocopy Place)
 Lexington KY 40505

City, State, ZIP+4®

PS Form 3800, January 2023 PSN 7530-02-000-9047 See Reverse for Instructions

9589 0720 5270 0040 0685 24

RECEIVED
 Office of Oil and Gas
 OCT 03 2025
 WV Department of
 Environmental Protection

10/31/2025

WW-9
(5/16)

API Number 47 - 045 - 01947
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) Peach Creek Quadrangle Logan

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 cuttings 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 Gavin M. Reed

Company Official (Typed Name) Gavin M. Reed

Company Official Title Asset Development Manager

Subscribed and sworn before me this 30th day of September, 2025

Michael A. Kuchta Notary Public

My commission expires July 20, 2030

10/31/2025

Proposed Revegetation Treatment: Acres Disturbed 1.0 Prevegetation pH _____Lime 3 Tons/acre or to correct to pH 6.5Fertilizer type 10-10-20Fertilizer amount 500 lbs/acreMulch Hay Bales Tons/acreSeed MixturesTemporary

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

Permanent

Seed Type	lbs/acre
ORCHARD GRASS	12
LANDINO CLOVER	3
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: _____

Operator to cover with cement all oil and gas formers including Solid, clayey, Coals and Freshwater.

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Office of Oil and Gas

OCT 03 2025

W. J. Spivey, Jr.
Environmental Protection

Title: ForayDate: 10-2-2Field 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): Peach Creek Quad: Logan 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.

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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: _____

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west virginia department of environmental protection

Office of Oil and Gas
601 57th 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	)	ORDER NO. 2022-13
SECTION 14.1. AND LEGISLATIVE RULE	)	
35CSR8 SECTION 20.1,	)	
RELATING TO THE CEMENTING	)	
OF OIL AND GAS WELLS	)	

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.

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.

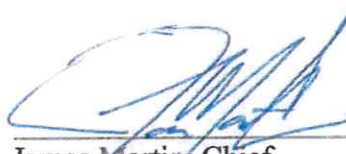
ORDER

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

A handwritten signature in blue ink, appearing to read 'James Martin', is written over a horizontal line.

James Martin, Chief
Office of Oil and Gas

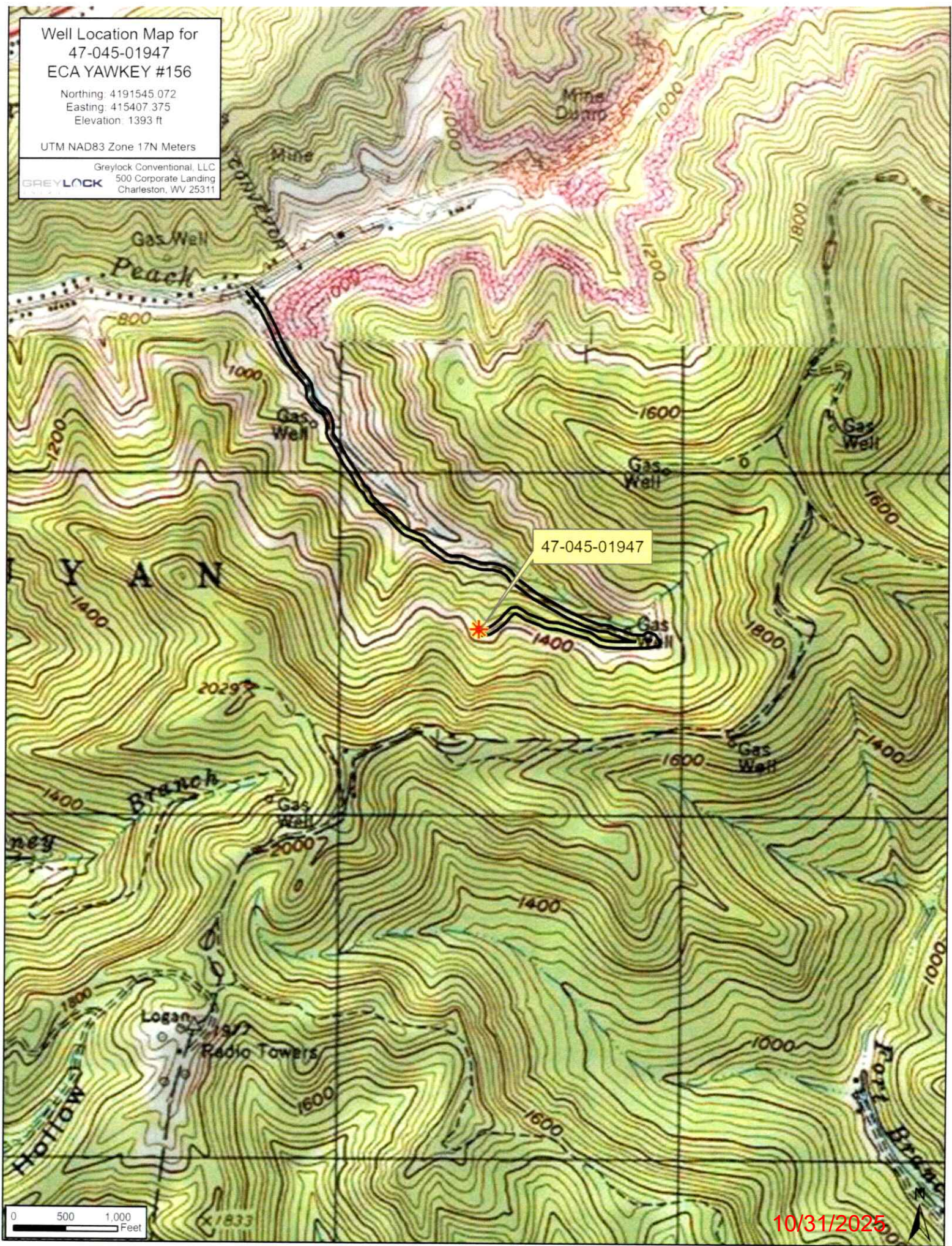
10/31/2025

Well Location Map for
47-045-01947
ECA YAWKEY #156

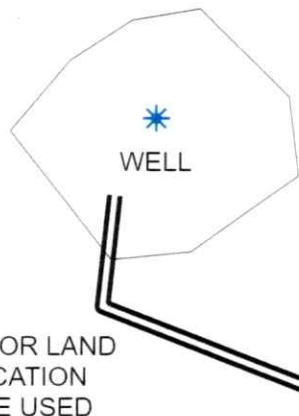
Northing: 4191545 072
Easting: 415407 375
Elevation: 1393 ft

UTM NAD83 Zone 17N Meters

Greylock Conventional, LLC
500 Corporate Landing
Charleston, WV 25311



10/31/2025

47-045-01947
ECA Yawkey #156Gas
Well1600
Gas
WellGas
Well47-045-01947
ECA Yawkey #156

NO PITS OR LAND
APPLICATION
WILL BE USED
NOT TO SCALE

47-045-01947

GREYLOCK
ENERGY

Greylock Conventional, LLC

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

Date: 7/22/2025

0 150 300 600 900 1,200



Feet

1:6,000

TOPO SECTION OF USGS
HENLAWSON 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 AND IN ACCORDANCE TO ANY
DEVIATION FROM THIS PLAN.

10/31/2025

WW-7
8-30-06



West Virginia Department of Environmental Protection
Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 47-045-01947 WELL NO.: 156
FARM NAME: ECA Yawkey
RESPONSIBLE PARTY NAME: Greylock Conventional, LLC
COUNTY: Logan DISTRICT: Guyan
QUADRANGLE: Henlawson
SURFACE OWNER: Greylock Conventional, LLC.
ROYALTY OWNER: _____
UTM GPS NORTHING: 4191545.072
UTM GPS EASTING: 415407.375 GPS ELEVATION: 1393 ft

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 X: Post Processed Differential ____

Real-Time Differential X

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:MY
Signature

Asset Development Manager

Title

9/30/25

Date

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Environmental Protection

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WW-4B

API No. 47-045-01947
Farm Name _____
Well No. YAWKEY FREEMAN #156

**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.

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 _____

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SURFACE OWNER WAIVER

Operator's Well
Number

47-045-01947

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

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Department of
Environmental Protection

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,

Signature	Date	Name	
		By	
		Its	Date

Signature

Date
10/31/2025

PLUGGING PERMIT CHECKLIST

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

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Arkansas Department of
Environmental Protection

10/31/2025



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

plugging permits issued 4704501034 01947

1 message

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

Fri, Oct 24, 2025 at 10:28 AM

To: "Knuckles, Melissa" <mknuckles@greylockenergy.com>, "Cremeans, Joey" <jcremeans@greylockenergy.com>, Alvis C Porter <alvis.c.porter@wv.gov>, gadkins@wvassessor.com, Allen D Flowers <allen.d.flowers@wv.gov>

To whom it may concern, plugging permits have been issued for 4704501034 01947.

--

James Kennedy

Environmental Resource Specialist III / Permitting

WVDEP Office of Oil and Gas

601 57th Street, SE

Charleston, WV 25304

304-926-0499 ext. 45025

james.p.kennedy@wv.gov

2 attachments **4704501034.pdf**
3468K **4704501947.pdf**
2901K**10/31/2025**