

#### west virginia department of environmental protection

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

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

Wednesday, June 18, 2025 WELL WORK PLUGGING PERMIT Vertical Plugging

GREYLOCK CONVENTIONAL, LLC 500 CORPORATE LANDING

CHARLESTON, WV 25311

Re:

Permit approval for 711 47-039-02756-00-00

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:

Farm Name: HARDING, CRYSTAL

U.S. WELL NUMBER: 47-039-02756-00-00

Vertical Plugging Date Issued: 6/18/2025

Promoting a healthy environment.

# 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 June	1	,	20 25
2) Operator	's	-	-
Well No.	Harding 711		
3) API Well	No. 47-039		- 02756

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

4)	APPLICATION FOR A PER	MIT TO PLUG AND ABANDON
	Well Type: Oil / Gas X / Liqui	d injection / Waste disposal /
		derground storage) Deep/ Shallowx
		Lawer Elle Diver
5)	Location: Elevation 890.4  District Elk	Watershed Lower Elk River County Kanawha Quadrangle Blue Creek 7.5
	District Lik	Quadrangle Did Orck 1.5
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)	Sub-Prince Education Debugsian Proposed	
	Name Terry Urban Address P.O. Box 1207	Name R & R Well Services Address 42 Lynch Ridge Road
	Clendenin, WV 25045	Walton, WV 25286
		·
	PLEASE SEE ATTACHED	
	TELAGE GEE ATTACHED	RECEIVED Office of Oil and Gas  MAY 3 0 2025  WV Department of Environmental Protection

Work order approved by inspector Augustus Date 5-28-25

06/20/2025



# 500 Corporate Landing Charleston WV 25311

#### Harding 711 P&A Procedure:

Casing Details							
OD (in)	Weight & Grade	Depth (ft)	Hole Size	Cement (sks)			
10"	NA	19	NA	Surface			
9-5/8"	NA	337	NA	Surface			
7"	NA	1842	NA	55			
Open Hole	NA	4638	NA	NA			

Plug Table							
Plug#	To Cover	Тор	Bottom	Plug Height			
1	7" casing shoe and open hole	1792	ATD	?			
2	Casing cut (50' in 50' out)	?	?	100			
3	Elevation and Salt Sand	840	960	120			
4	9-5/8" casing shoe	287	387	100			
5	Surface	Surface	100	100			

- 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, Class . \_\_\_ can be used for cement plugs.
- 6. **Plug 1:** Set cement plug from Approved Tag Depth-1692' to cover open hole, 7" casing shoe (1842'), and Big Injun Sand (1742').
  - a. If unable to pump open hole full of cement <u>and cleared by inspector</u> follow steps 7 and 8, else continue to Step 9.
- 7. Plug 1a: Set 300' cement plug at Approved Tag Depth to cover perf interval.
- 8. **Plug 1b:** Set 200' cement plug from **1892-1692'** to cover 7" casing shoe (1842') and Big Injun Sand (1742').
- 9. If free pipe exists, free point 4.5" casing, rip and pull pipe. If not, proceed to plug 3.
- 10. Plug 2: Set 100' cement plug across casing cut (50' inside, 50' on top).
- 11. **Plug 3:** Set 120' cement plug from <u>960' 840'</u> to cover elevation (890') and salt sand (910').
- 12. Plug 4: Set 100' cement plug from 387'-287' to cover 9-5/8" casing shoe at 337'
- 13. Plug 5: Set 100' cement plug from 100'-Surface'.
  - a. NOTE: Confirm ZERO annular gas migration before pumping surface plug.
- 14. Set monument 30" above ground with Well Name, API and plug date

			Greylock Energy
00000			Harding #711
GREYLOCK			API #:47-039-02756
ENERGY			Casing and Cementing Details
			Kanawha Co., WV
Casing Size		Hole Size	Detailed Description
10" set at 19'	J L		Plug 5: 100' Plug from 100'-surface
9-5/8" set at 337'			<b>Plug 4:</b> 100' Plug from 387'-287' to cover 9-5/8" casing shoe (337')
			Tag to tag non ser 207 to cotal o ore cusing sheet (corr)
			Plug 3: 120' Plug from 960'-840' to cover elevation (890') and Salt Sand (910')
	11		Plug 2: 100' Across casing cut (50' inside 50' on top)
7" set at 1842'			<b>Plug 1:</b> Approved Tag Depth-1692' to cover open hole, 7" casing shoe (1842'), and Big Injur Sand (1742')
		v	
Open Hole TD: 4638'	and the same of th		Legend -Exisiting Cement

John Plug (5) IN Stages



#### STATE OF WEST VIRGINIA DEPARTMENT OF MINES

# Oil and Gas Division

		RECORD			X Oil :
Quadrangle Charleston N.E. 4, Blue (	Creek 07	) <sub>5</sub> .1		Cable Recycling_	
•	•				Comb d Storage
Permit No. KAN-2756			•	Disposal	-
RAY RESOURCES DIVISION (				D isposat	(Kind)
Company FLYING DIAMOND OIL CORPOR	RATION			.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Address 630 Commerce Sq., Chas., WV		Casing and	Used in	Left	
Farm Crystal G. Harding Acres	60 .	Tubing	. Drilling	in Well	Cu. ft. (Sks.)
Location (waters)Four Mile Fork	·	4Size			
Well No. 711 Elev.	890.4"	20-16			, i
District Elk County Kanav	wha	Cond.			
The surface of tract is owned in fee by Ru		13-10"	. 19'	19'	To Surf
Parsons	<u> </u>	9 5/8	337'	337'	To Surf.
Address 5279 Ridgecross Dr., Chas.,		.8 5/8			
Mineral rights are owned by Crystal G. F	darding,	7	18421	1842'	55 Sks.
et al Address Charleston, W. Va	à	5 1/2			
Drilling Commenced 9-11-76	<u> </u>	4 1/2			
Drilling Completed 9-21-76	<u> </u>	3			1. *
Initial open flow 23 M cu. ft	bbls.	-2			
Final production 103 M cu. ft. per day	bbls.	Liners Used		<del> </del>	
Well open hrs. before test 46					
Vell treatment details:		Attach copy of	cementino sodo	rd	
Well shot with 17,300# gela	etin		sementing teco	14.	
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Fresh water Feet		Salt V	Inche		- Feet
Coal was encountered atFresh waterFreetFreducing Sand Devonian Shale		Salt V	Inche		- Feet
resh water Feet Producing Sand Devonian Shale		Salt V	Inche		
Fresh water Feet Producing Sand Devonian Shale  Formation Color Hard or Soft	Top Feet	Salt V Depth Bottom Feet	VaterInche		Feet
resh water Feet Young Sand Devonian Shale	Top Feet	Salt V Depth Bottom Feet	VaterInche		
Feet Toducing Sand Devonian Shale  Formation Color Hard or Soft  Clay Sand	Top Feet 0 20	Salt V Depth Bottom Feet 20 125	VaterInche		
Feet Producing Sand Devonian Shale  Formation Color Hard or Soft  Clay Sand Sand & Shale Sand	Top Feet	Salt V Depth Bottom Feet	VaterInche		
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1) Date:	June 1, 2025			
2) Operator's V	Vell Number			
3) API Well No	.: 47 -	039	02756	

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

4) Surface Ow	vner(s) to be served:	5) (a) Coal Operator
(a) Name	See attached	Name
Address	,	Address
	1	
(b) Name		(b) Coal Owner(s) with Declaration
Address		Name Secutional
Hadress	:	Address
	:	riddiess
(c) Name		Name
Address		Address
Huuress		rauress
a) T		
6) Inspector	Terry Urban	(c) Coal Lessee with Declaration
Address	P.O. Box 1207	Name
_	Clendenin, WV 25045	Address
Telephone	(304) 549-5915	
Take notic accompany Protection, the Applic	you are not required to take any action at all.  e that under Chapter 22-6 of the West Virginizing documents for a permit to plug and aband with respect to the well at the location descri	a Code, the undersigned well operator proposes to file or has filed this Notice and Application a lon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environment of the attached Application and depicted on the attached Form WW-6. Copies of this Notistered or certified mail or delivered by hand to the person(s) named above (or by publication delivery to the Chief.  RECEIVED
		Ollico -
		ator Greylock Conventional, LLC.
	By:	Gavin M. Reed 6-116
	Its:	Asset Development Manager WV Department of
	Address	500 Corporate Landing Environmental Protect
		Charleston, WV 25311
	Telephone	(304) 925-6100
Subscribed and My Commission	sworn before me this 28th	day of Notary Public Notary Public, State Of West Virg
Oil and Gas Priva	acy Notice	500 Corporate Landing Charleston, WV 25311

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 <a href="mailto:depprivacyoffier@wv.gov">depprivacyoffier@wv.gov</a>.

My Commission Expires July 20, 2025

#### Harding # 711 API # 47-039-02756

#### Surface Owners

## Phyllis Dawn Spalding Sonja H. Smith Grover Baxter Patricia Baxter Anna Hobbs Glenna Moose

#### Address

216 Eisenhower Drive Charleston, WV 25302 1405 Auburn Dr Colorado Springs, CO 80909 130 Lillie Lane, Richlands NC 28574 3010 Elkdale Dr., Charleston, WV 25302 2133 Catherine Lake Rd Richalnds, NC 28574 4500 Staunton Ave SE, Charleston, WV 25304

Coal Owners SAME AS ABOVE

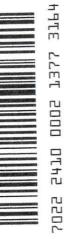
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# Richlands, NC 28574 130 Lillie Lane **Grover Baxter**

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500 Corporate Landing Charleston. WV 25311

PS Form 3811, July 2020 PSN 7530-02-000-9053	+9TE 22ET 2000 0Th2 2202	2. Article Number (Transfer from service label)	9590 9402 8423 3156 9394 30	121 delands, 128574	130 Mile Eve	1. Article Addressed to: Bxxt	<ul> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>	<ul> <li>Complete items 1, 2, and 3.</li> <li>Print your name and address on the reverse</li> </ul>	SENDER: COMPLETE THIS SECTION	
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4500 Staunton Avenue, SE Glenna Moose Charleston, WV 25304



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WY Departmental Protection
Environmental Protection

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**Anna Hobbs** 

2133 Catherine Lake Rd

Richlands, NC 28574

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À.	city, specificands, NC	28574
	PS Form 3800, April 2015 PSN 7530-02-000-9047	See Reverse for Instructions

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Environmental Protection

Phyllis Dawn Spalding 2165 Eisenhower Drive Charleston, WV 25302

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of Corporate Landing Parleston, WV 25311



Patricia Baxter 3010Elkdale Drive Charleston, WV 25302





Complete items 1, 2, and 3.  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.  The Addressed to:  Complete items 1, 2, and 3.  Attach this card to the back of the mailpiece, or on the front if space permits.  The Addressed to:  Complete items 1, 2, and 3.  Attach this card to Your Park Items 1, 200	A. Signature  A. Signature  A. Signature  C. Date of Delivery D. Is delivery address different from item 1?    If YES, enter delivery address below:    No
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Sonja H. Smith Colorado Springs, CO 80909 1405 Auburn Drive





9590 9402 8423 3156 9393 55  9 Addition Transfer from continue taken  7022 2410 0002 1377 3027  PS Form 3811, July 2020 PSN 7530-02-000-9053	Sonja Smith De 1405 Award Springs, CD	<ul> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> <li>Article Addressed to:</li> </ul>	SENDER: COMPLETE THIS SECTION
Adult Signature Restricted Delivery Adult Signature Restricted Delivery Certified Mail@ Certified Mail@ Certified Mail@ Certified Mail Restricted Delivery Collect on Delivery Collect on Delivery Restricted Delivery ared Mail Sured Mail Restricted Delivery Aer \$500) Delivery	D. Is delivery address different from item 1? If YES, enter delivery address below:	A. Signature  X  B. Received by (Printed Name)	COMPLETE THIS SECTION ON DELIVERY
□ Priority Mail Express® □ Registered Mail™ □ Registered Mail Restricted Delivery □ Signature Confirmation™ □ Signature Confirmation □ Restricted Delivery □ Delivery □ Signature Confirmation	m 1? □ Yes w: □ No	☐ Agent☐ Addressee☐ C. Date of Delivery☐	IVERY

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Will Decartman in Environmental Protection



Office of Oil and Gas

MAY 30 2025

No Super It projection

Environmental projection

API Number	47	_ 039	_ 02756
Operator's W			

# 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) Lower Elk River	Quadrangle Blue Creek 7.5
Do you anticipate using more than 5,000 bbls of water to comp.  Will a pit be used? Yes No	lete the proposed well work? 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:	
Reuse (at API Number Off Site Disposal (Supply form WV	Number)
Will closed loop systembe used? If so, describe: Yes, tank ret	urns at tanks
Drilling medium anticipated for this well (vertical and horizont	al)? Air, freshwater, oil based, etc. Freshwater
-If oil based, what type? Synthetic, petroleum, etc. n/s	
Additives to be used in drilling medium?	
Drill cuttings disposal method? Leave in pit, landfill, removed	
2000 M	used? (cement, lime, sawdust)
CONTROL DE MARTINE DE MARTINE MARTINE MARTINE DE CONTROL DE CONTROL DE LA CONTROL DE L	
	Das of any load of drill cuttings or associated waste rejected at any within 24 hours of rejection and the permittee shall also disclose
on April 1, 2016, by the Office of Oil and Gas of the West Vir provisions of the permit are enforceable by law. Violations of a or regulation can lead to enforcement action.  I certify under penalty of law that I have personally application form and all attachments thereto and that, based on	conditions of the GENERAL WATER POLLUTION PERMIT issued ginia Department of Environmental Protection. I understand that the any term or condition of the general permit and/or other applicable law examined and am familiar with the information submitted on this my inquiry of those individuals immediately responsible to braining the, and complete. I am aware that there are significant penalties for imprisonment.
Company Official Signature 6 - M. L	may 3 0 2025
Company Official (Typed Name) Gavin M. Reed	Wy Department of ortal Protection
Company Official Title Asset Development Manager	WV Department WV Department Protection
Subscribed and sworn before me this 28th day of Y  My commission expires 28th day of Y  My commission expires 20, 3	Notary Public OFFICIAL SEAL Notary Public, State Of West Virginia MELISSA A. KNUCKLES 500 Corporate Landing Charleston, WV 25311 My Commission Flores 100/20 (2025)

Operator's	Well No.	
Obciators	W CH ING.	

Proposed Revegetation Treatment:	Acres Disturbed 1.0	Preveg etation pH _	
Lime 3	Tons/acre or to correct to pH	6.5	
Fertilizer type 10-10-20			
Fertilizer amount 500	lbs	s/acre	
Mulch_ Hay Bales	Tons/a	cre	
	Seed	<u>Mixtures</u>	
Tempora	ary	Permanen	t
Seed Type ORCHARD GRASS	lbs/acre 12	Seed Type ORCHARD GRASS	lbs/acre 12
LANDINO CLOVER	3	LANDINO CLOVER	3
TIMOTHY	10	TIMOTHY	10
	ll be land applied, provide war nd application area.	tion (unless engineered plans including ter volume, include dimensions (L, W,	
Maps(s) of road, location, pit and provided). If water from the pit wi (L, W), and area in acres, of the la Photocopied section of involved 7.	be land applied, provide war application area.  5' topographic sheet.	ter volume, include dimensions (L, W,	D) of the pit, and dimens
Maps(s) of road, location, pit and provided). If water from the pit wi (L, W), and area in acres, of the la	be land applied, provide war application area.  5' topographic sheet.	ter volume, include dimensions (L, W,	D) of the pit, and dimens
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Maps(s) of road, location, pit and provided). If water from the pit wi (L, W), and area in acres, of the la Photocopied section of involved 7.	be land applied, provide was application area.  5' topographic sheet.	ter volume, include dimensions (L, W,	D) of the pit, and dimens  RECEIVED  Office of Oil and Gas  MAY 3 0 2025

WW-9- GPP Rev. 5/16

Page	of
API Number 47 - 039-	- 02756
Operator's Well 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): Lower Elk River	Quad: Blue Creek 7.5
Farm Name:	
<ol> <li>List the procedures used for the treatment and discharge o groundwater.</li> </ol>	f fluids. Include a list of all operations that could contaminate the
N/A - no discharge of fluids	
2. Describe an advantage and a sign and a si	luntar quality from the list of motortial contaminant sources shove
Describe procedures and equipment used to protect ground	water 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.
<ol> <li>List the closest water body, distance to closest water bo discharge area.</li> </ol>	dy, and distance from closest Well Head Protection Area to the
N/A	
	RECEIVED Office of Oil and Gas
	MAY 30 2025
	W Department of Environmental Protection
4. Summarize all activities at your facility that are already reg	
N/A	

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

API Number 47 - 039 Operator's Well No	
naterial on property	
ided to the employees. Jo	b procedures shall
	RECEIVED Office of Oil and Gas
	MAY 3 0 2025
	WV Department dt Environmental Protecti
equipment.	
	equipment.

Signature:

Date:



May 28, 2025

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

Re: 2022-13 Variance that allows the use of Class L cement in place of Class A cement for well plugging.

To Whom It May Concern:

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

If you have questions, or need any additional information, please feel free to contact me.

Thank you,

Melissa Knuckles

Permitting & Bond Specialist

Greylock Energy, LLC.

mknuckles@greylockenergy.com

(304) 925-6100 Office

(304) 389-1441 Cell

Office of Oil and Gas

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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 SECTION 14.1. AND LEGISLATIVE RULE	) )	ORDER NO.	2022-13
35CSR8 SECTION 20.1, RELATING TO THE CEMENTING OF OIL AND GAS WELLS	) ) )		Office of Oil and Gas MAY 30 2025
REPORT OF TH	IE OFFIC	E	W Department of Environmental Protection

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

- 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.
- 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

#### ORDER

It is ordered that the Class L cement product approved and monogramed 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

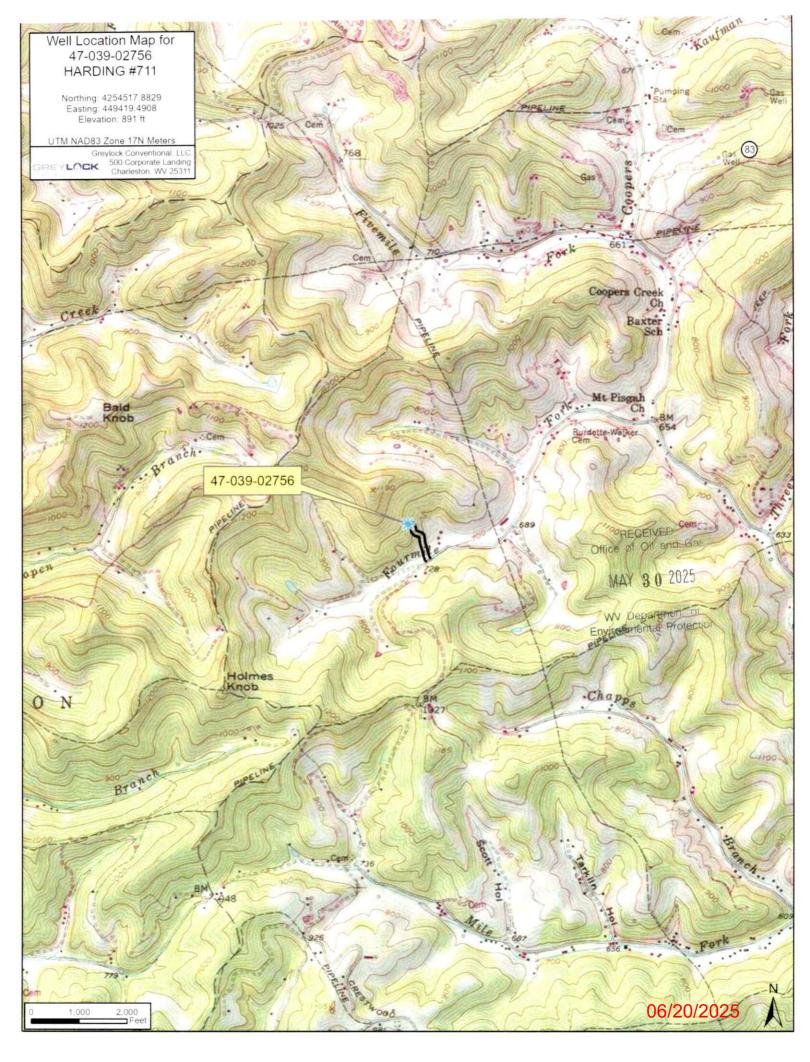
OFFICE OF OIL AND GAS DEPARTMENT OF ENVIRONMENTAL PROTECTION OF THE STATE OF WEST VIRGINIA

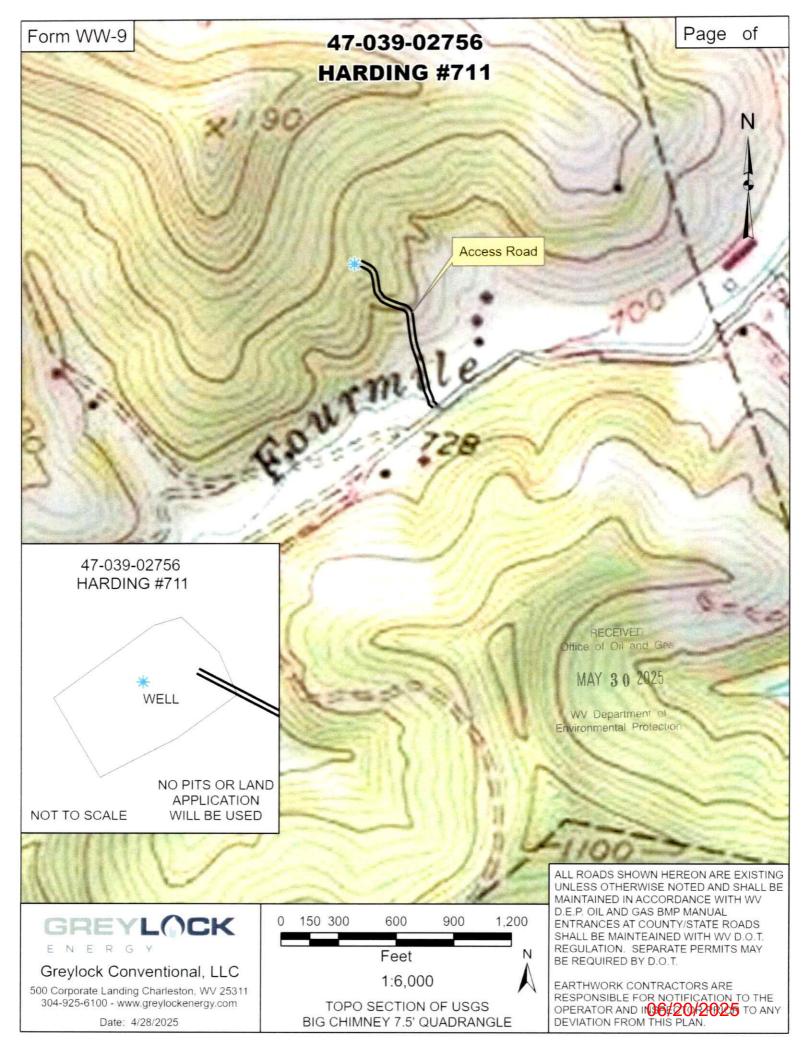
James Martin, Chief Office of () and Gas

MA Debaumani or

RECEIVED Office of Oil and Gas

MAY 30 2025







## West Virginia Department of Environmental Protection Office of Oil and Gas

## WELL LOCATION FORM: GPS

WELLL	OCATION FORM. 015	
<sub>API:</sub> 47-039-02756	WELL NO.: 711	
FARM NAME: HARDING	3	
RESPONSIBLE PARTY NAME	E: Greylock Conventional,	LLC
COUNTY: Kanawha	DISTRICT: Elk	
QUADRANGLE: Big Chin		
SURFACE OWNER: Greylo	ock Conventional, LLC.	
ROYALTY OWNER:		
UTM GPS NORTHING: 4254	4517.8829	
UTM GPS EASTING: 44941	19.4908 GPS ELEVATION:	391 ft
preparing a new well location plat above well. The Office of Oil and the following requirements:	3.05 meters d:	mber on the do not meet  Altitude:  RECEIVED Office of Oil and Gas
	-Time Differential	MAY 3 0 2025
	ost Processed Differential	WV Department of Environmental Protection
4. Letter size copy of the I the undersigned, hereby certify the belief and shows all the information prescribed by the Office of Oil and the information of the Information prescribed by the Office of Oil and Information of the Information o	e topography map showing the well local his data is correct to the best of my knowled on required by law and the regulations issued Gas.  Title	tion. edge and
Signature	Title	Date

API No.	47-039-02756	
Farm Name		
Well No.	Harding 711	

#### 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 then 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	
has examined this proposed plugging v	work order. The undersigned has rell operator has complied with	/ of the coal under this well location no objection to the work proposed to be all applicable requirements of the West
Date:	By:	RECEIVED Office of Qil and Gas
	Its	MAY 3 0 2025
		W Department of Environmental Protection

#### SURFACE OWNER WAIVER

Operator's Well Number

4	7-	0	3	9-	0	2	7	5	6	
---	----	---	---	----	---	---	---	---	---	--

#### 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. RECEIVED WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION affice of Oil and Gas

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

MAY **30** 2025

WV 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:

- The proposed well work will constitute a hazard to the safety of persons. 1)
- 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

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			described in these	materials, and I have no
objection to a permit being issued on	those materials.			
FOR EXECUTION BY A NATURAL	PERSON		FOR EXECUTION	ON BY A CORPORATION,
ETC.				,
	Date	Name _		
Signature		By		
<u> </u>		Its _		Date
				·

Signature

06/20/2025

Date

#### PLUGGING PERMIT CHECKLIST

Plugging Permit	
₩W-4B	
WW-4B signed by inspector	
WW-4A	
SURFACE OWNER WAIVER or PROOF THAT APPLICATION WAS SENT BY R	EGISTERED OR CERITFIED
COAL OWNER/COAL OPERATOR/COAL LESSEE WAIVERS or PROOF THAT A BY REGISTERED OR CERTIFIED MAIL	APPLICATION WAS SENT
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	RECEIVED Office of Oil and Gas
	MAY 30 2025
	Wy Department of Environmental Protection



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

## plugging permit issued 4703902756

1 message

Kennedy, James P < james.p.kennedy@wv.gov> Wed, Jun 18, 2025 at 9:20 AM To: "Knuckles, Melissa" <mknuckles@greylockenergy.com>, Terry W Urban <terry.w.urban@wv.gov>, sallierobinson@kanawha.us

To whom it may concern, a plugging permit has been issued for 4703902756.

## James Kennedy

Environmental Resource Specialist III / Permitting

WVDEP Office of Oil and Gas

601 57<sup>th</sup> Street, SE

Charleston, WV 25304

304-926-0499 ext. 45025

james.p.kennedy@wv.gov



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