



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

Monday, February 12, 2024
WELL WORK PERMIT
Vertical / Plugging

GREYLOCK CONVENTIONAL, LLC
500 CORPORATE LANDING

CHARLESTON, WV 25311

Re: Permit approval for ECA 1
47-101-00102-00-00

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

Please be advised that form WR-35, Well Operators Report of Well Work is to be submitted to this office within 90 days of completion of permitted well work, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

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

James A. Martin
Chief

A blue ink signature of James A. Martin, Chief, is written over the printed name and title.

Operator's Well Number: ECA 1
Farm Name: POLINO ENTERPRISES, INC.
U.S. WELL NUMBER: 47-101-00102-00-00
Vertical Plugging
Date Issued: 2/12/2024

Promoting a healthy environment.

02/16/2024

PERMIT CONDITIONS

West Virginia Code §22-6-11 allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

CONDITIONS

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 January 22, 2024
2) Operator's
Well No. ECA# 1
3) API Well No. 47-101 - 00102

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 1282.2 Watershed Houston Run
District Holly County Webster Quadrangle Erbacon

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 9) Plugging Contractor
Name Jeff Probst Name R & R Well Services
Address 4936 Little Sand Run Rd Address 42 Lynch Ridge Road
Buchannon, WV 26201 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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JAN 26 2024
WV Department of
Environmental Protection

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

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

02/16/2024

ECA #1 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
 - a. Cement plugs to be Class A. Otherwise, submit alternate cement form to state
6. **PLUG 1** –Set 100’ cement plug from Approved Tag Depth to cover casing shoe
7. **PLUG 2** – PUH and set balance plug from 6550’ – 6300’ to cover perms @ 6483’ - 6386’
8. **PLUG 3** – PUH and set balance plug from 5750 - 5650’ to cover gas show @ 5700’
9. Free point 4.5” casing, rip and pull pipe. Note: Pull pipe after cement plugs below are set
10. **PLUG 4 casing cut** – Set 100’ plug across casing cut. ETOC @ 5200’
11. **PLUG 5** – PUH and set balance plug from 1360 - 1250’ to cover shoe @ 1309’
12. **PLUG 6** – PUH and set balance plug from 1130’ – 900’ to cover oil & salt @ 1080’ 960’ & 949’
13. **PLUG 7** – PUH and set balance plug from 350’ – 240’ to cover shoe @ 294’
14. **PLUG 8** – PUH and set balance plug from 161’-surface to cover surface plug and water zone @ 111’
15. Set monument 30” above ground with Well Name, API and plug date

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Section	Size	Weight/Grade	Depth	Hole Size	Cement Cu. Ft.
Conductor	13 3-8"	NA	37'	NA	Driven
Surface	9-5/8"	26#	294'	12 3/8"	207 Cu ft. (surface)
Intermediate	7"	23#	1309'	8 7/8"	300 Cu ft. (surface)
Production	4-1/2"	11.6#	6756'	6 1/2"	216 Cu ft. (ETOC @ 5200')

Jay A. Purpust
01/24/2024

02/16/2024



Greylock Conventional, LLC.

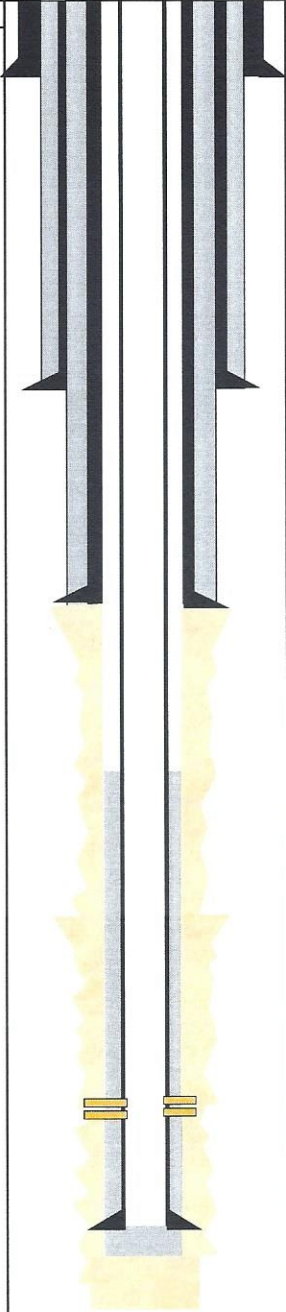
ECA #1

API #: 4710100102

Casing and Cementing Details (Current)

Webster Co., WV

Casing Size	Hole Size	Detailed Description
13 3/8" Set @ 37'		
9 5/8" set @ 294'		Cemented 9 5/8"s to surface
7" set @ 1309'		Cemented 7" to surface
Perfs @ 6483' - 6386'		
4 1/2" set @ 6756'		
TD 6814'		



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Cemented 7" to surface

4 1/2" ETOC ~ 5200'

Jeff A. Propp
01/24/2024



Greylock Conventional, LLC.

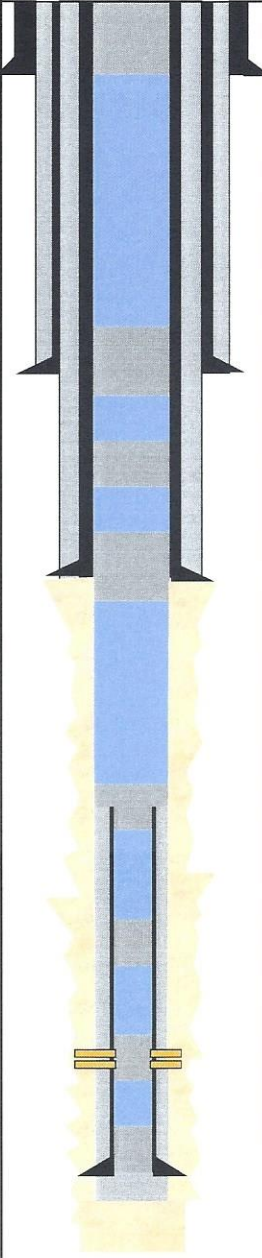
ECA #1

API #: 4710100102

Casing and Cementing Details

Webster Co., WV

Casing Size	Hole Size	Detailed Description
13 3/8" Set @ 37'		PLUG 8: 161 - surface (Fresh water and surface plug)
9 5/8" set @ 294'		PLUG 7: 350 - 240 (covers casing shoe)
7" set @ 1309'		PLUG 6: 1130-900' (covers oil & salt zones @ 1080', 960', 949')
		PLUG 5: 1360 - 1250' (covers casing shoe)
		PLUG 4: 100' across casing cut (ETOC @ 5200')
		PLUG 3: 5750 - 5650 (covers gas show)
Perfs @ 6483' - 6386'		PLUG 2: 6550 - 6300' (covers perfs)
4 1/2" set @ 6756'		PLUG 1: 100' plug from approved tag depth (covers casing shoe)
TD 6814'		



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J. A. Probst
01/24/2024

02/16/2024

Well Operator's Report of Well Work

Farm name: Polino Enterprises Inc.

Operator Well No.: ECA 1

LOCATION: Elevation: 1282' Quadrangle: Erbacon 7.5'
 District: Holly County: Webster
 Latitude: 38° 35' 31.4 "
 Longitude: 80° 31' 53.2 "

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"	37'	37'	Driven
9-5/8"	294'	294'	207.7
7"	1309'	1309'	300.4
4-1/2"	6756'	6756'	216.2

Agent: Rod Winters

Inspector: Craig Duckworth

Permit Issued: 11/06/2006

Well work commenced: 01/13/2007

Well work completed: 02/19/2007

Verbal plugging

Permission granted on:

Rotary Cable Rig

Total Depth (feet): 6814'

Fresh water depths (ft): 50', 111'

Salt-water depths (ft): 949', 1080'

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

Coal Depths (ft): N/A

Open Flow Data

Gas: Initial open flow 60 MCF/d Oil: Initial open flow 0 Bbl/d
 Final open flow _____ MCF/d Final open flow 0 Bbl/d
 Time of open flow between initial and final tests _____ Day
 Static rock pressure 400 psi (surface pressure) after 15 Days

1 st Producing Formation	<u>Devonian Shale</u>	Pay zone depth (ft)	<u>6386'</u> <u>6483'</u>
2 nd Producing Formation	_____	Pay zone depth (ft)	_____
3 rd Producing Formation	_____	Pay zone depth (ft)	_____
4 th Producing Formation	_____	Pay zone depth (ft)	_____
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: 12 March 2008

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SOP I		
Open Hole Log		
Maxton	646	728
Little Lime	882	926
Blue Monday	926	981
Big Lime	981	1215
Big Injun	1215	1282
Gantz	1348	1370
Fifth Sand	1696	1748
Elizabeth	1899	1948
Benson	3538	3570
Marcellus	6364	6420
Onondaga	6420	6424
Huntersville	6424	6610
Oriskany	6610	6700
Helderberg	6700	6793
Logger's TD	6793'	

water, coal, oil & gas

1/2" stream w/ Fresh H2O @ 50'
 3" stream w/ Fresh H2O @ 111'

1-1/2" stream w/Brine @ 949'
 1-1/2" stream w/Brine @ 1080'

Gas Check @ 949' - 4 MMCF
 Gas Check @ 1080' - 3.2 MMCF
 Gas Checks @ 1972', 2646' - Odor
 Gas Checks @ 4369' - N/S
 Gas Checks @ 5360' - 15 MCF
 Gas Check @ 6573' - 15 MCF
 Gas Checks @ 6659' - 60 MCF

ECA 1 WR35

STAGE ONE: Devonian Shale
 45 Shots 6386'-6483'
 80/20 Fluid Frac 78,248 lbs sand. 205 tons CO2

Jay A. Purvest
01/24/2024

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January 22, 2024

West Virginia Department of Environmental Protection
601 57th Street SE
Charleston WV, 25304

To Whom It May Concern:

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

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

Thank you.



Melissa Knuckles
Permitting and Bond Specialist

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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)
35CSR8 SECTION 20.1,)
RELATING TO THE CEMENTING)
OF OIL AND GAS WELLS)**

ORDER NO. 2022-13

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Office of Oil and Gas
JAN 26 2024
WV Department of
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REPORT OF THE OFFICE

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

FINDINGS OF FACT

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

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

CONCLUSIONS OF LAW

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

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

ORDER

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

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

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IN THE NAME OF THE STATE OF WEST VIRGINIA

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



James Martin, Chief
Office of Oil and Gas

02/16/2024

WW-4A
Revised 6-07

1) Date: January 22, 2024
2) Operator's Well Number
ECA # 1
3) API Well No.: 47 - 101 - 00102

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>Polino Eneerprises</u>	Name _____
Address <u>P.O. Box 230</u>	Address _____
<u>Elkins, WV 26241</u>	
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name _____
	Address _____
(c) Name _____	Name _____
Address _____	Address _____
6) Inspector	(c) Coal Lessee with Declaration
Address _____	Name _____
	Address _____
Telephone _____	

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WV Department of
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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: GAVIN M. Reed 6-11-24
 Its: Asset Development Manager
 Address 500 Corporate Landing
Charleston, WV 25311
 Telephone (304) 925-6100

Subscribed and sworn before me this 22nd day of January
Melissa A. Knuckles
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 depprivacyofficer@wv.gov.

02/16/2024

YLOCK
G Y

500 Corporate Landing
Charleston, WV 25311



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Polino Enterprises
PO BOX 230
Elkins, WV 26241

7012 2920 0000 6497 0502

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CERTIFIED MAIL™ RECEIPT
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For delivery information visit our website at www.usps.com®

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$

Postmark
Here

Sent To: Polino Enterprises
Street, Apt. No.,
or PO Box No. PO Box 230
City, State, Zip+4 Elkins WV 26241

PS Form 3800, August 2006 See Reverse for Instructions

02/16/2024

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:

Polino Enterprises
 PO Box 230
 Elkns Wv 26241



9590 9402 7844 2234 1977 71

2. Article Number (Transfer from service label)

7012 2920 0000 6497 0502
 PS Form 3811, July 2020 PSN 7530-02-000-9000

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: Yes No

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

Domestic Return Receipt

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 WV Department of
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SURFACE OWNER WAIVER

Operator's Well
Number

47-101-00102

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

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

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

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

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

VOLUNTARY STATEMENT OF NO OBJECTION

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

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

FOR EXECUTION BY A NATURAL PERSON
ETC.

FOR EXECUTION BY A CORPORATION,
ETC.

Signature

Date

Name
By

Its

Date

Signature

Date

02/16/2024

WW-4B

API No. 47-101-00102
Farm Name _____
Well No. ECA # 1

**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 _____

02/16/2024

WW-9
(5/16)

API Number 47 - 101 - 00102
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) Houston Run Quadrangle Erbacon

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

Will a pit be used? Yes No

If so, please describe anticipated pit waste: _____

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

Proposed Disposal Method For Treated Pit Wastes:

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

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

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

-If oil based, what type? Synthetic, petroleum, etc. n/a

Additives to be used in drilling medium? _____

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. No cutngs expected

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

-Landfill or offsite name/permit number? _____

Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated waste rejected at any West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed.

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment.

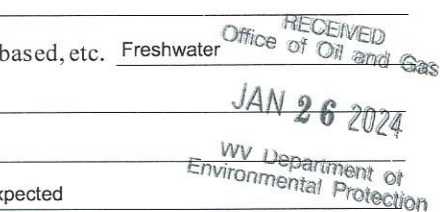
Company Official Signature Gavin M. Reed

Company Official (Typed Name) Gavin M. Reed

Company Official Title Asset Development Manager

Subscribed and sworn before me this 22nd day of January, 20 24

Melissa A. Knuckles
My commission expires July 20 2025



Proposed Revegetation Treatment: Acres Disturbed 1.0 Prevegetation pH _____

Lime 3 Tons/acre or to correct to pH 6.5

Fertilizer type 10-10-20

Fertilizer amount 500 lbs/acre

Mulch Hay Bales Tons/acre

Seed Mixtures

Temporary

Permanent

Seed Type	lbs/acre
<u>Orchard Grass</u>	<u>12</u>
<u>Landino Clover</u>	<u>3</u>
<u>Timothy</u>	<u>10</u>

Seed Type	lbs/acre
<u>Orchard Grass</u>	<u>12</u>
<u>Landino Clover</u>	<u>3</u>
<u>Timothy</u>	<u>10</u>

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: Jeff A. Pursart

Comments: 01/24/2024

Title: _____ Date: _____

Field Reviewed? () Yes () No

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

Operator Name: Greylock Conventional, LLC.

Watershed (HUC 10): Houston Run Quad: Erbacon

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.

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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

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: Gregory A. Purpust

Date: 01/24/2024

WW-7
8-30-06



West Virginia Department of Environmental Protection
Office of Oil and Gas
WELL LOCATION FORM: GPS

API: 47-101-00102 WELL NO.: 1

FARM NAME: ECA

RESPONSIBLE PARTY NAME: Greylock Conventional, LLC.

COUNTY: WEBSTER DISTRICT: Holly

QUADRANGLE: Erbacon

SURFACE OWNER: Polino Enterprises

ROYALTY OWNER: Polino Enterprises

UTM GPS NORTHING: 4271593.97

UTM GPS EASTING: 540652.99 GPS ELEVATION: 1,281 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 ____: Post Processed Differential ____
Real-Time Differential ____

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

I the undersigned, hereby certify this data is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Office of Oil and Gas.

Signature Title Date

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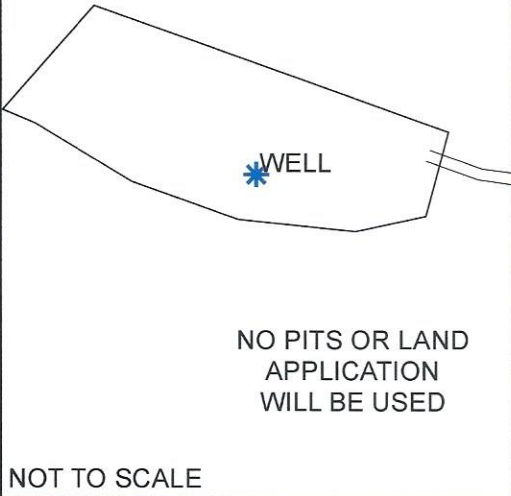
02/16/2024

ECA #1



47-101-00102

ECA #1



Access Road

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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
ERBACON 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 D.E.P. PRIOR TO ANY DEVIATION FROM THIS PLAN.

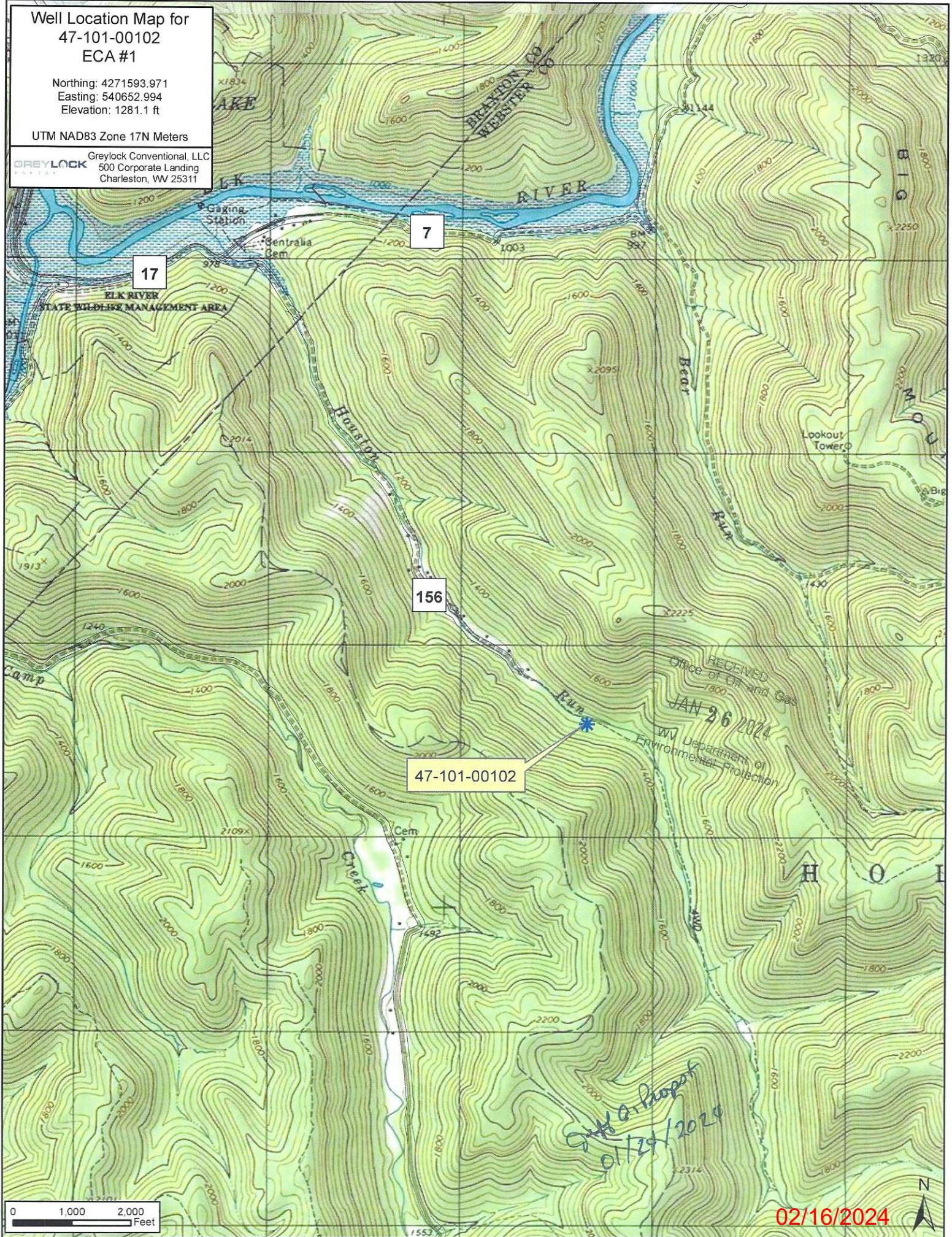
02/16/2024

Well Location Map for
47-101-00102
ECA #1

Northing: 4271593.971
Easting: 540652.994
Elevation: 1281.1 ft

UTM NAD83 Zone 17N Meters

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



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Site on Property
01/24/2020

02/16/2024

0 1,000 2,000
Feet

206/117 (SURFACE)
BECKWITH LUMBER COMPANY
230/622 (TIMBER)
1978.8/1.31

N 35°22' E
75

S 54°18' W
922.6'
S 30°46' E
1049.7'

46-3
BECKWITH LUMBER COMPANY
77 AC
236.315

N 85°52' E
1084.0'
N 67°52' E
328.5'

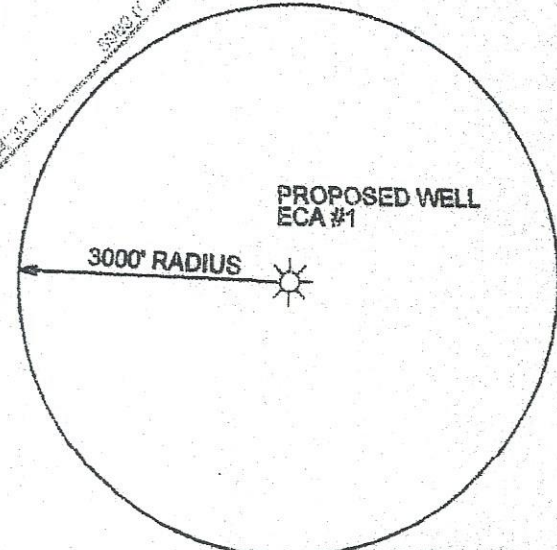
5G-6
POLINO ENTERPRISES, INC.
5678 AC
251.759

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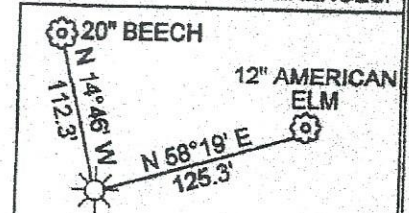
NORTH

S 54°15' E
5127.4'

PROPOSED WELL
ECA #1



REFERENCES:



PROPOSED
WELL
ECA #1

NOT TO SCALE

NOTES:

- All corners indicated by (⊙) are rebars (previously set).
- State plane coordinates for proposed well #1 are as follows: N 580137.77 E 2102079.53.

*J.A.A. Purpitt
01/24/2024*

PROPOSED WELL
ECA #1

(+) DENOTES LOCATION OF
WELL ON UNITED STATES
TOPOGRAPHIC MAPS

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL & GAS
#18 McJUNKIN ROAD
NITRO, WEST VIRGINIA 25143-2506

PLOT DATED: SEP 2008 PLOT TIME: 11:20:0
OPERATOR'S WELL NO.: ECA#1
API WELL NUMBER:
47 - 101 - 00102
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
LOCATION: ELEVATION: 1282.2' WATERSHED: HOUSTON RUN DISTRICT: HOLLY COUNTY: WEBSTER 7.5' QUADRANGLE: ERBACON
PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION
 OTHER PHYSICAL CHANGE IN WELL (SPECIFY) PLUG AND ABANDON CLEAN OUT AND REPLUG

SURFACE OWNER(S): POLINO ENTERPRISES, INC.		SURFACE ADDRESS: 4083 AC	
OIL & GAS ROYALTY OWNER(S): ENERGY CORPORATION OF AMERICA		LEASE NO.: N/A	
LEASE OPERATOR: ENERGY CORPORATION OF AMERICA		PROJECT: 95004-102-16	
ADDRESS: 501 58th STREET, CHARLESTON, WV 25304		TARGET FORMATION: DEVONIAN SHALE	
DESIGNATED AGENT: J. SCOTT RANSON		ESTIMATED DEPTH: 6500 ±	
ADDRESS: 501 58th STREET, CHARLESTON, WV 25304		MAX. DEGREE OF ACCURACY: 1200	
I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAN 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.		REFERENCE BENCHMARK: TRIANGULATION STATION 02/16/2024	
BENCHMARK ELEVATION: 'BIG MOUNTAIN'		BENCHMARK ELEVATION: 2320.5'	



ECA # 1

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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