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west virginia department of environmental protection

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

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

Thursday, August 31, 2023  
WELL WORK PLUGGING PERMIT  
Vertical Plugging

UNKNOWN - DEP PAID PLUGGING CONTRACT  
601 57TH STREET

CHARLESTON, WV 25304

Re: Permit approval for GIRTA 1-A  
47-105-00425-00-00

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: FOREST LAND GROUP  
U.S. WELL NUMBER: 47-105-00425-00-00  
Vertical Plugging  
Date Issued: 8/31/2023

# PERMIT CONDITIONS

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

## CONDITIONS

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1. 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.
2. Well work activities shall not constitute a hazard to the safety of persons.
3. 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.

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  / Liquid injection \_\_\_ / Waste disposal \_\_\_ /  
(If "Gas, Production \_\_\_ or Underground storage \_\_\_) Deep \_\_\_ / Shallow

5) Location: Elevation \_\_\_\_\_ Watershed 0503020310  
District Murphy County Wirt Quadrangle Girta

6) Well Operator Unknown DEP Paid Plugging Contract 7) Designated Agent Jason Harmon  
Address 601 57th Street Address 601 57th Street  
Charleston, WV 25304 Charleston, WV 25304

8) Oil and Gas Inspector to be notified 9) Plugging Contractor  
Name Joe Taylor Name North Wind Site Services  
Address 1478 Claylick Rd Address 1425 Higham St  
Ripley, WV 25271 Idaho Falls, ID 83402

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

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AUG 22 2023  
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  Date 6-23-23  
**08/29/2023**





STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

Quadrangle ELIZABETH  
Permit No. WIR-425

WELL RECORD

Shut in  
Dry Hole  
Oil or Gas Well (KIND)

Company: Clyde Duskey  
Address: Grantsville, West Virginia  
Farm: Junior D. Eddie Acres: 200  
Location (waters): Island Run  
Well No. 1 Elev. 633'  
District: Clay County: Wirt  
The surface of tract is owned in fee by Junior D. Eddie  
Address: MacFarlan  
Mineral rights are owned by Junior D. Eddie  
Address: MacFarlan  
Drilling commenced: 12-17-60  
Drilling completed: January 1961  
Date Shot: None From: To:  
With:  
Open Flow: /10ths Water in: Inch  
/10ths Merc. in: Inch  
Volume: Cu. Ft.  
Rock Pressure: None lbs. hrs.  
Oil: 2 Gal over night bbls., 1st 24 hrs.  
WELL ACIDIZED: No  
WELL FRACTURED: No

| Casing and Tubing | Used in Drilling | Left in Well | Packers         |
|-------------------|------------------|--------------|-----------------|
| Size              |                  |              | Kind of Packers |
| 16                |                  |              |                 |
| 13                |                  |              |                 |
| 10                |                  |              | Size of         |
| 8 3/4             |                  | 15'          |                 |
| 6 3/4             |                  | 165'         | Depth set       |
| 5 3/16            |                  |              |                 |
| 3                 |                  |              | Perf. top       |
| 2                 |                  |              | Perf. bottom    |
| Liners Used       | <u>None</u>      |              | Perf. top       |
|                   |                  |              | Perf. bottom    |

CASING CEMENTED No SIZE No. Ft. Date  
COAL WAS ENCOUNTERED AT None FEET INCHES  
FEET INCHES FEET INCHES  
FEET INCHES FEET INCHES

RESULT AFTER TREATMENT  
ROCK PRESSURE AFTER TREATMENT  
Fresh Water: Feet Salt Water: Feet

| Formation           | Color | Hard or Soft | Top | Bottom | Oil, Gas or Water | Depth | Remarks   |
|---------------------|-------|--------------|-----|--------|-------------------|-------|-----------|
| Gravel & Sand       |       | S            | 0   | 10     |                   |       |           |
| Red Rock & Shells   |       | S            | 10  | 82     | Water             |       |           |
| Blue Slate & Shells |       | S            | 82  | 97     |                   |       |           |
| Red Rock            |       | S            | 97  | 105    |                   |       |           |
| Slate & Red Rock    |       | S            | 105 | 135    |                   |       |           |
| Grey Sand           |       | H            | 135 | 154    |                   |       |           |
| Sand                | Blue  | S            | 154 | 160    | Water             | 160'  | Hole Full |
| Sand                | White | H            | 160 | 164    |                   |       |           |
| Sand                | Blue  | H            | 164 | 172    |                   |       |           |
| Slate and Red Rock  |       | S            | 172 | 234    |                   |       |           |
| Lime                | Blue  | H            | 234 | 244    |                   |       |           |
| Slate & Shells      |       | S            | 244 | 289    |                   |       |           |
| Red Rock            |       | S            | 289 | 305    |                   |       |           |
| Slate & Shells      |       | S            | 305 | 314    |                   |       |           |
| Sand - Mitchell     |       | H            | 314 | 358    | Oil show 327'     |       |           |
| Red Rock            |       | S            | 358 | 367    |                   |       |           |
| Lime                | Brown | H            | 367 | 375    |                   |       |           |
| Red Rock            |       | S            | 375 |        |                   |       |           |



47-105-00425

Girta #1

Wirt County, WV

TD 375'

Elevation 633'

Casing Schedule: 8 1/4" @ 15'

6 5/8" @ 165'

Oil Show 327'

Water Show 160' and 30'

#### Notes

- 6% gel water is to be pumped between all cement plugs.
- Any casing that is not cemented in or unable to be retrieved, is to be perforated @ all gas, oil, water, and coal shows.
- Class A Cement or Class L Cement is required.

#### Procedure

- 1) Notify Inspector Joe Taylor 304-380-7469 at least 48 hours prior to commencing plugging operations.
- 2) MIRU plugging equipment. RIH w/ wireline, check TD @ approximately 375'.
- 3) TIH w/ tubing to 375'. Pump cement from 375' to 115'. TOOH w/ tubing.
- 4) Free-point 6 5/8" casing. If casing is unable to be pulled, perforate casing @ 100' and 50'.
- 5) TIH w/ tubing to TOC. Circulate cement to surface. TOOH w/ tubing.
- 6) Top off well with cement as needed, set monument, reclaim to WV DEP Specs.



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08/29/2023



1) Date: 6/14/2023  
2) Operator's Well Number  
Unknown DEP Paid Plugging Contract  
3) API Well No.: 47 - 105 - 00425

**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>Heartwood Forestland Fund IV</u> | Name _____                         |
| Address <u>Limited Partnership</u>           | Address _____                      |
| <u>19045 Stone Mountain Drive</u>            | _____                              |
| <u>Abingdon, VA 21210</u>                    | _____                              |
| (b) Name _____                               | (b) Coal Owner(s) with Declaration |
| Address _____                                | Name _____                         |
| _____  | Address _____                      |
| (c) Name _____                               | Name _____                         |
| Address _____                                | Address _____                      |
| _____  | _____                              |
| 6) Inspector <u>Joe Taylor</u>               | (c) Coal Lessee with Declaration   |
| Address <u>1478 Claylick Rd</u>              | Name _____                         |
| <u>Ripley, WV 25271</u>                      | Address _____                      |
| Telephone <u>304-380-7469</u>                | _____                              |

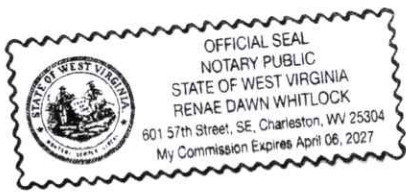
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**TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:**

- (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 Unknown - DEP Paid Plugging Contract  
 By: Jason Harmon  
 Its: \_\_\_\_\_  
 Address 601 57th St SE  
Charleston WV 25304  
 Telephone 304-926-0450

Subscribed and sworn before me this 18th day of August 2023  
Renae Dawn Whitlock Notary Public  
 My Commission Expires April 6, 2027

**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 [depprivacyoffier@wv.gov](mailto:depprivacyoffier@wv.gov).

08/29/2023



west virginia department of environmental protection

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

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

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

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

**ORDER NO. 2022-13**

**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.

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**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



James Martin, Chief  
Office of Oil and Gas

08/29/2023



**SURFACE OWNER WAIVER**

Operator's Well  
Number

Unknown DEP Paid Plugging Contract

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

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

**NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.**

**WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:**

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

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

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

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

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

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

**VOLUNTARY STATEMENT OF NO OBJECTION**

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

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

**FOR EXECUTION BY A NATURAL PERSON  
ETC.**

**FOR EXECUTION BY A CORPORATION,  
ETC.**

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WV Department of  
Environmental Protection

|           |            |                        |
|-----------|------------|------------------------|
| _____     | Date _____ | Name _____             |
| Signature |            | By _____               |
|           |            | Its _____              |
|           |            | _____                  |
|           |            | Date _____             |
|           |            | Signature _____        |
|           |            | Date <b>08/29/2023</b> |

API No. 47-079-00425  
Farm Name D.B. Kunselman & F. Joy  
Well No. Kunselman - GIRTA #1-A

**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 \_\_\_\_/ 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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AUG 22 2023  
Department of  
Environmental Protection

WW-9  
(5/16)

API Number 47 - 105 - 00425  
Operator's Well No. Unknown DEP Paid Plugging Contract

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

Operator Name: Unknown DEP Paid Plugging Contract OP Code \_\_\_\_\_

Watershed (HUC 10) 0503020310 Quadrangle Girta

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 \_\_\_\_\_)

**\*\*Any well effluent must be contained in tanks and disposed of off-site at an approved facility.**

Will closed loop system be used? If so, describe: N/A

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

-If oil based, what type? Synthetic, petroleum, etc. \_\_\_\_\_

Additives to be used in drilling medium? N/A

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. N/A

-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 \_\_\_\_\_

Company Official (Typed Name) Kimberley Kearney, PMP

Company Official Title President

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2023  
AUG 22 2023  
Department of Environmental Protection

Subscribed and sworn before me this 26<sup>th</sup> day of July  
Miranda Marie Delicco  
Notary Public  
My Commission Expires 08/01/2026  
MIRANDA MARIE DELICCO  
STATE OF TENNESSEE  
NOTARY PUBLIC  
KNOX COUNTY

08/29/2023



Proposed Revegetation Treatment: Acres Disturbed 0.50 Prevegetation pH \_\_\_\_\_

Lime 2 - 3 Tons/acre or to correct to pH \_\_\_\_\_

Fertilizer type 10-10-20 or similar

Fertilizer amount 300 Temp -500 Permanent lbs/acre

Mulch Hay/Straw 2 to 3 Tons/acre

**Seed Mixtures**

| Temporary         |              | Permanent                     |                 |
|-------------------|--------------|-------------------------------|-----------------|
| Seed Type         | lbs/acre     | Seed Type                     | lbs/acre        |
| <u>Sudangrass</u> | <u>40-60</u> | <u>Crownvetch/Tall Fescue</u> | <u>10-15/30</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: Joe Taylor

Comments: Sediment control in place At All Time

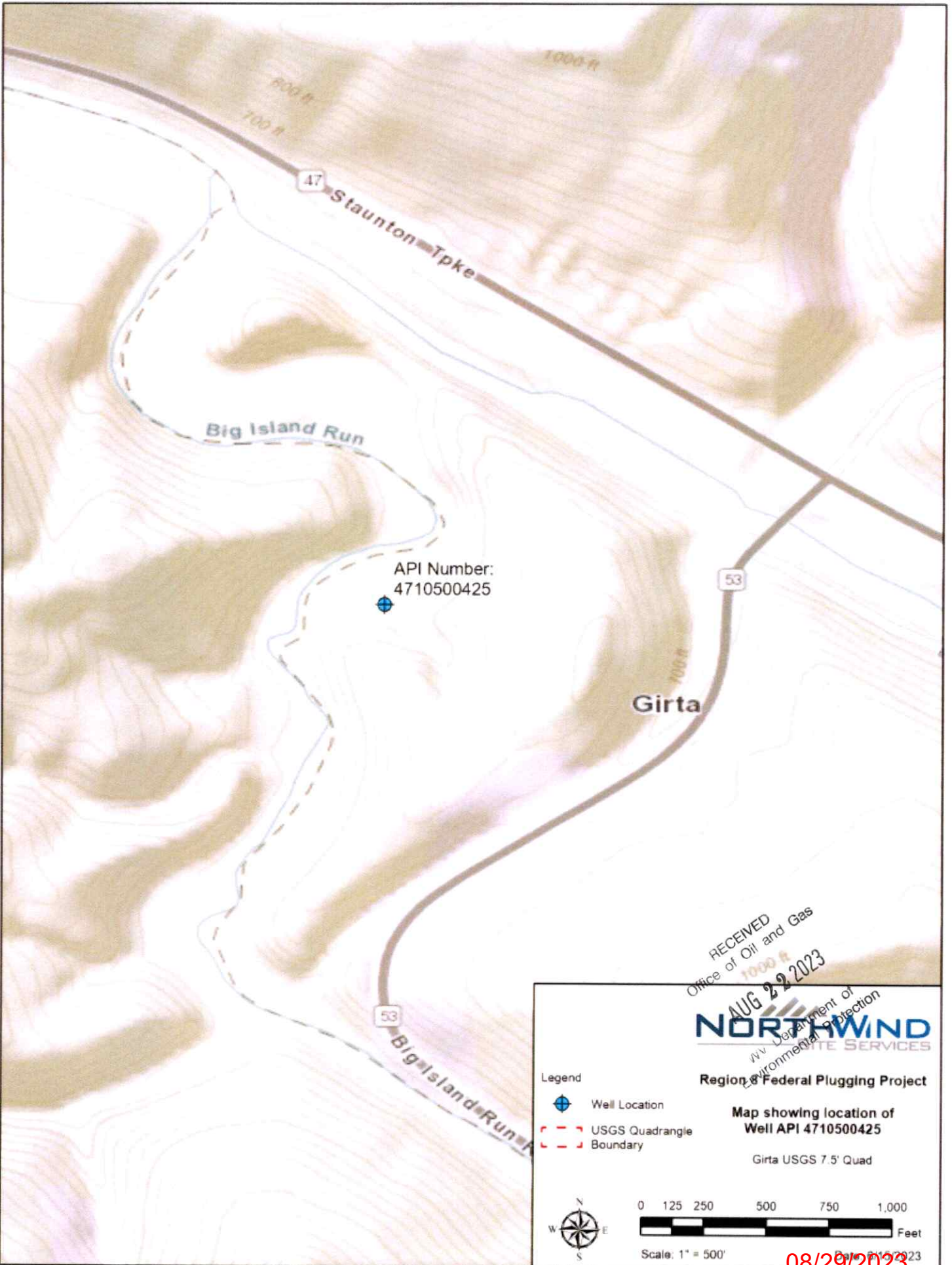
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DEP Department of  
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Title: OOG inspector

Date: 6-23-23

Field Reviewed?  Yes

No



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**NORTHWIND**  
WV Department of  
Environmental Protection  
SPECIAL SERVICES

**Region 8 Federal Plugging Project**

**Map showing location of  
Well API 4710500425**

Girta USGS 7.5' Quad

- Legend
- Well Location
  - USGS Quadrangle Boundary



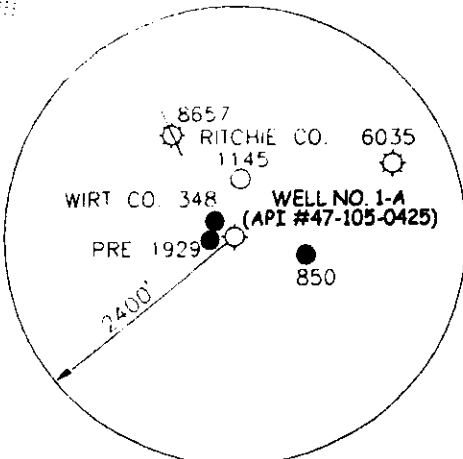
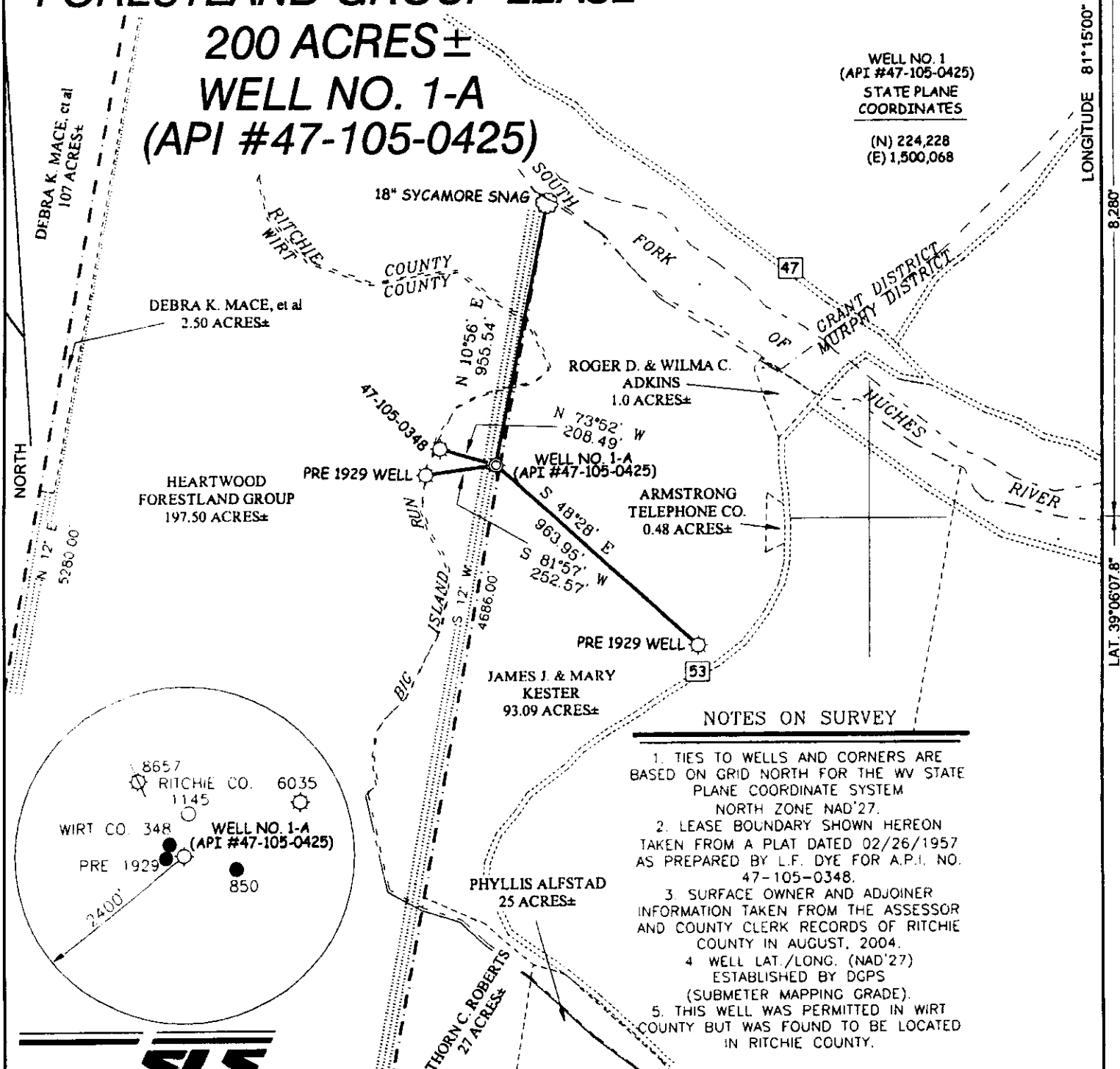
Scale: 1" = 500'

08/29/2023

# FORESTLAND GROUP LEASE

## 200 ACRES ± WELL NO. 1-A (API #47-105-0425)

WELL NO. 1  
(API #47-105-0425)  
STATE PLANE  
COORDINATES  
(N) 224,228  
(E) 1,500,068

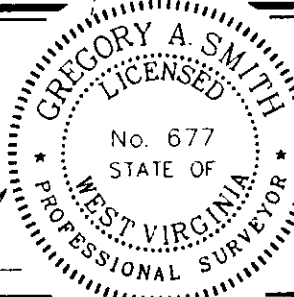


### NOTES ON SURVEY

1. TIES TO WELLS AND CORNERS ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM NORTH ZONE NAD'27.
2. LEASE BOUNDARY SHOWN HEREON TAKEN FROM A PLAT DATED 02/26/1957 AS PREPARED BY L.F. DYE FOR A.P.I. NO. 47-105-0348.
3. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF RITCHIE COUNTY IN AUGUST, 2004.
4. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS (SUBMETER MAPPING GRADE).
5. THIS WELL WAS PERMITTED IN WIRT COUNTY BUT WAS FOUND TO BE LOCATED IN RITCHIE COUNTY.

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DIVISION OF ENVIRONMENTAL PROTECTION.

P.S. 677  
*Gregory A. Smith*



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.  
DATE AUGUST 25, 20 04  
OPERATORS WELL NO. 1-A  
API WELL NO. 47 - 105 - 0425P  
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200  
FILE NO. 5587P1-A (172-33)  
PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE)  
SCALE 1" = 500'

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 659' WATERSHED BIG ISLAND RUN OF SOUTH FORK OF HUGHES RIVER  
DISTRICT MURPHY COUNTY RITCHIE QUADRANGLE GIRTA 7.5'

SURFACE OWNER HEARTWOOD FORESTLAND GROUP ACREAGE 197.50±  
ROYALTY OWNER J.D. EDDIE, JR. LEASE ACREAGE 200±  
PROPOSED WORK: LEASE NO. 08/29/2023

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 MISSISSIPPIAN  
ESTIMATED DEPTH 375'

WELL OPERATOR WV DEP OFFICE OF OIL & GAS DESIGNATED AGENT JAMES MARTIN  
ADDRESS 1356 HANSFORD STREET ADDRESS 1356 HANSFORD STREET  
CHARLESTON, WV 25301 CHARLESTON, WV 25301

COUNTY NAME RITCHIE  
PERMIT



SENDER: COMPLETE THIS SECTION

COMPLETE THIS SECTION ON DELIVERY

- 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.

A. Signature

X *Austin Yorker*  Agent  Address

B. Received by (Printed Name)

*Austin Yorker*

C. Date of Delivery

*8-7-23*

1. Article Addressed to: HEAR045 24210-RFS-1A22 \*95 08/05/23

*Hartwood* NOTIFY SENDER OF NEW ADDRESS  
*19645 St* HEARTWOOD FORESTLAND FUND LP  
*Abingdon* PMB 358  
 448 CUMMINGS ST  
 ABINGDON VA 24210-3220

\*RFS\*



9590 9402 7657 2122 8124 30

- Adult Signature Restricted Delivery
- Certified Mail
- Certified Mail Restricted Delivery
- Collect on Delivery
- Collect on Delivery Restricted Delivery
- Insured Mail
- Registered Mail Restricted Delivery
- Signature Confirmation
- Signature Confirmation Restricted Delivery

Postnet Number (Transfer from service label)

*9589 0710 5270 0872 4051 60*

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

Domestic Return Receipt

08/29/2023