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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)

Friday, March 17, 2023  
WELL WORK PLUGGING PERMIT  
Vertical Plugging

UNKNOWN - DEP PAID PLUGGING CONTRACT  
601 57TH STREET

CHARLESTON, WV 25304

Re: Permit approval for 1  
47-001-00504-00-00

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: 1  
Farm Name: WINANS, WM. H. - HEIRS  
U.S. WELL NUMBER: 47-001-00504-00-00  
Vertical Plugging  
Date Issued: 3/17/2023

Promoting a healthy environment.

03/17/2023

## 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.

1) Date 4700,100504  
2) Operator's  
Well No. Winans #1  
3) API Well No. 47-001 - 00504

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 \_\_\_

5) Location: Elevation 1,705.16' Watershed Tygart Valley River  
District Union County Barbour Quadrangle Audra

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

8) Oil and Gas Inspector to be notified Kenneth Greynolds Name Coastal Drilling East  
Address 613 Broad Run Rd Address 130 Meadow Ridge Rd  
Jane Lew, WV 26378 Mount Morris, PA 15349

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WV Department of  
Environmental Protection

10) Work Order: The work order for the manner of plugging this well is as follows:  
Check pressures on all casing with a gauge. Blow down well into a grounded tank with secure line.  
MIRU. Begin plugging and abandonment operations, Load 5 1/2" casing with fresh water.  
RU Wireline. Run CBL on 5 3/16" casing from 725'- surface. Determine free point on 5 3/16" casing.  
If 5.5" free point is below elevation (1,705'), set plug only up to free point and pull 5.5" from free point.  
TIH w. tubing to 1062'. Pump Class L cement plug from 1062' to 600'. TOOH w. tubing. WOC. Tag TOC.  
Cut 5 3/16" csg. At free point and TOOH with casing.8. TIH w. tubing to 600'.  
Pump Class L cement plug from 600' – Surface. TOOH w. tubing. WOC. Tag TOC  
Top off well to surface with solid cement as needed.

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

Work order approved by inspector Kenneth Greynolds Date 3-8-23

03/17/2023



WELL RECORD, FORM 00-10, MUST BE SUBMITTED TO OBTAIN RELEASE OF WELL UNDER BOND.

STATE OF WEST VIRGINIA DEPARTMENT OF MINES OIL AND GAS WELLS DIVISION



NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELLS

To THE DEPARTMENT OF MINES, Charleston, W. Va.

Wm. H. Winans et al. COAL OPERATOR OR COAL OWNER

Rt. 2, Volga, W. Va. ADDRESS

Same No mining COAL OPERATOR OR COAL OWNER

ADDRESS

Elsworth Winans et al. OWNER OF MINERAL RIGHTS

Rt. 2, Volga, W. Va. ADDRESS

J. L. Trittipio and N. G. Clark NAME OF WELL OPERATOR

600 Commerce Square Charleston, W. Va. COMPLETE ADDRESS

October 6, 1969 PROPOSED LOCATION

Union District

Barbour County

Well No. 1

Wm. H. Winans Hrs. Farm Elevation 1708 Acres 34.16

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated Aug. 28, 1959 made by Elsworth Winans et al to Hope Natural Gas Co, thence to J. L. Trittipio, and recorded on the 27 day of Nov. 1959 in the office of the County Clerk for said County in Book 41, page 365.

The enclosed plat was prepared by a competent engineer and shows the proposed location of a well to be drilled for oil and gas by the undersigned well operator on the farm and in the Magisterial District and County above named, determined by survey and courses and distances from two permanent points, or land marks.

The undersigned well operator is informed and believes there are no coal operators operating beds of coal beneath said farm or tract of land on which said well is located, or within 500 feet of the boundaries of the same, who have mapped their workings and filed their maps as required by law, excepting the coal operators or coal owners (if any) above named as addressees.

The above named coal operators or coal owners (if any) are notified, that any objections they may desire to make to such proposed location, or which they are required to make by Section 3 of said Code, if the drilling of a well at said proposed location will cause a dangerous condition in or about their respective coal mines, must be received by, or filed with the Department of Mines within ten days from the receipt of a copy of this notice and accompanying plat by said Department. Said coal operators are further notified that forms for use in making such objections will be furnished to them by the Department of Mines promptly on request and that all such objections must set forth as definitely as is reasonably possible the ground or grounds or which such objections are based and indicate the direction and distance the proposed location should be moved to overcome same.

(The next paragraph is to be completed only in Department's copy.)

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address 10-6-69 day before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours,

(Sign Name) J. L. Trittipio 600 Commerce Square Charleston, W. Va. Agent

Address of Well Operator: STREET, CITY OR TOWN, STATE

WELL DRILLING PERMIT

All provisions being in accordance with Chapter 22 of the W. Va. Code, the location is hereby approved for drilling.

This permit shall expire if drilling is not commenced by [Signature] Deputy Director - Oil & Gas Division

\*Section 3 . . . If no such objections be filed or be found by the department of mines, within said period of ten days from the receipt of said notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a drilling permit reciting the filing of such plat, that no objections have been made by the coal operators to the location, or found thereto by the department, and that the same is approved and the well operator authorized to proceed to drill at said location.

BLANKET BOND

324-504 PERMIT NUMBER

10-7-69

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03/17/2023

THIS IS AN ESTIMATE ONLY  
 ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO:   x   DRILL        DEEPEN        FRACTURE        WELL

WELL OPERATOR  
 NAME J. L. Trittipa  
600 Commerce Square  
 ADDRESS Charleston, W. Va.  
 TELEPHONE 343-9383

RESPONSIBLE AGENT:  
 NAME E. N. Clark  
 ADDRESS Weston, W. Va.  
 TELEPHONE 269-3461

DRILLING CONTRACTOR: (IF KNOWN)  
 NAME Glenn, Inc.  
 TELEPHONE 342-0991

LAND OWNER:  
 NAME Wm. H. Winans et al  
 TELEPHONE \_\_\_\_\_

ESTIMATED DEPTH OF COMPLETED WELL: 4000  
 PROPOSED GEOLOGICAL FORMATION: Riley and Benson

ROTARY \_\_\_\_\_  
 CABLE TOOLS   x  

TYPE OF WELL: OIL \_\_\_\_\_ GAS   x   COMB. \_\_\_\_\_ STORAGE \_\_\_\_\_ DISPOSAL \_\_\_\_\_  
 TYPE WASTE \_\_\_\_\_ RECYCLING \_\_\_\_\_ WATER FLOOD \_\_\_\_\_ OTHER \_\_\_\_\_

DEFINITIVE CASING PROGRAM:

CASING AND TUBING	CEMENT TO BE USED	FOR DRILLING	TO BE LEFT
20	_____	_____	_____
16	_____	_____	_____
13 3/8	_____	15	15
11 3/4	_____	_____	_____
10 3/4	300	300	300
9 5/8	_____	_____	_____
8 5/8	_____	1000	_____
7	_____	1600	_____
5 1/2	_____	_____	_____
4 1/2	4000	4000	4000
3 1/2	_____	_____	_____
2 3/8	_____	_____	_____
LINERS USED	_____	_____	_____

APPROXIMATE DEPTHS OF EXPECTED POTABLE WATER STRATA 110 \_\_\_\_\_

APPROXIMATE DEPTHS OF EXPECTED WORKABLE COAL SEAMS? None known \_\_\_\_\_

IS COAL BEING MINED IN THE AREA? No

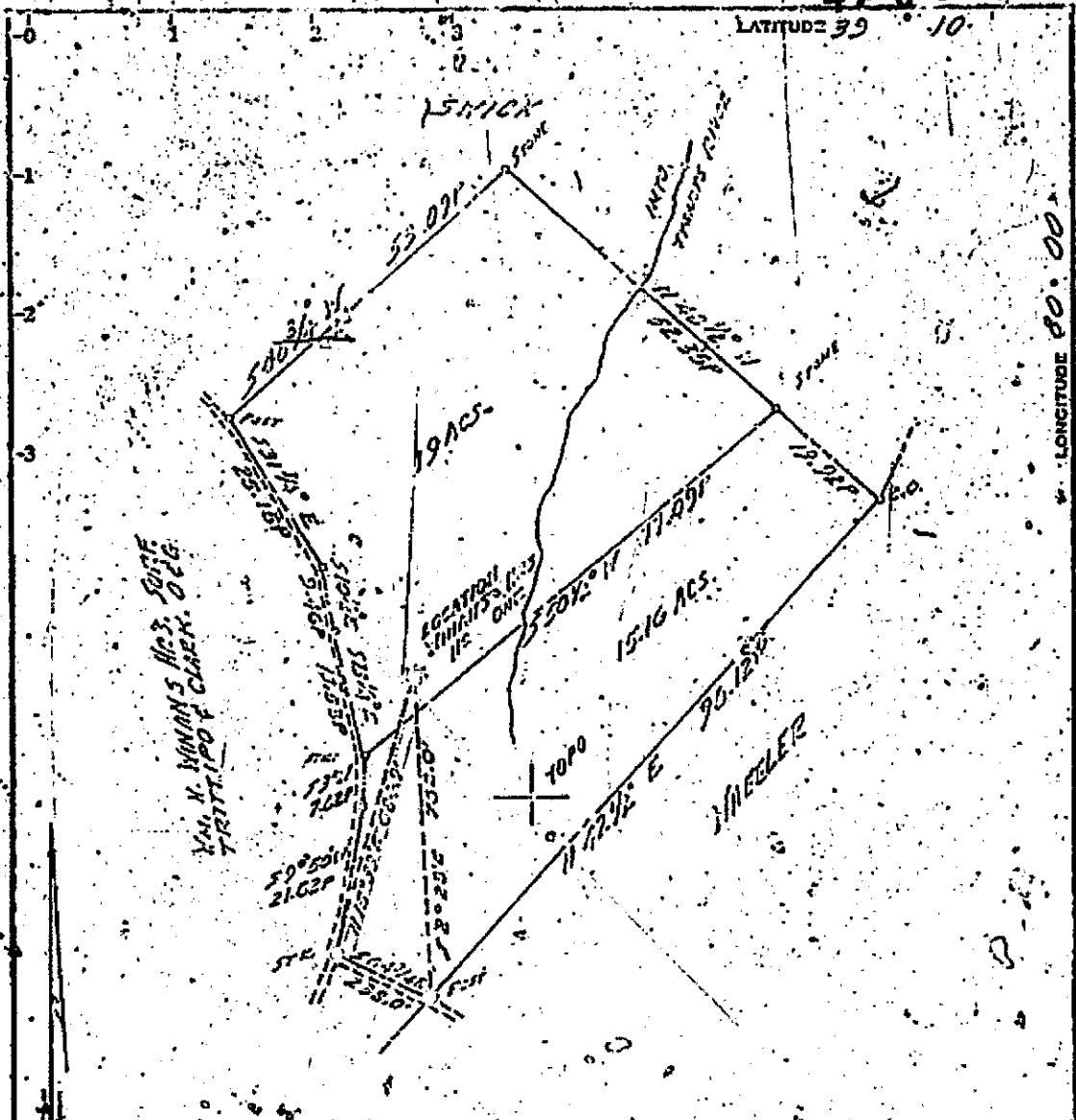
WAIVER: I the undersigned, Agent for \_\_\_\_\_ Coal Company, owner or operator of the coal under this lease have examined and placed on our mine maps this proposed well location.

We the \_\_\_\_\_ Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

\_\_\_\_\_  
 For Coal Company

\_\_\_\_\_  
 Official Title

4760100504



LATITUDE 39 10

LONGITUDE 80 00

Minimum Error of Closure 1/2000

Source of Elevation D. H. ST. HEORON SCHOOL

EL. = 1661

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 4 of the act and regulations of the oil and gas section of the mining laws of West Virginia and Gas

Fracture

New Location

Drill Deeper

Abandonment

Signed Paul H. Dean MAR 09 2023

Engineer N S E

Company J. L. TRITTIPO & N. G. CLARK

Address 111 NELSON BLDG., CHARLESTON, W. VA.

Farm WAL. H. WINANS, MRS.

Tract 1 Acre 54.16 Less No.

Well (Farm) No. ONE Serial No.

Elevation (Spirit Level) 1700

Quadrangle AUDREY - HILBERT

County BARBOUR District UNION

Engineer PAUL G. DEAN

Engineer's Registration No. 16561

File No. 126-G-25 Drawing No. 62-507

Date SEPT. 24, 1939 Scale 1" = 20 P. = 330'

STATE OF WEST VIRGINIA  
 DEPARTMENT OF LANDS AND MINES  
 OIL AND GAS DIVISION  
 CHARLESTON

WELL LOCATION MAP

FILE NO. BAR-505

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.

39-15  
6-51

Form OG-10



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS WELLS DIVISION

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OIL & GAS DIVISION  
DEPT. OF MINES

Spudder   
Cable Tools   
Storage

PHILIPPI

Quadrangle (Audra)

WELL RECORD

Oil or Gas Well Gas (KIND)

Permit No. Bar-504

Company J. L. Trittipe and H. G. Clark  
Address Commerce Square, Charleston, W. Va.  
Farm Wm. H. Winans Hrs. Acres 34.16  
Location (waters)  
Well No. 1 Elev. 1708  
District Union County Barbour  
The surface of tract is owned in fee by Wm. H. Winans Hrs. Address Volga, W. Va.  
Mineral rights are owned by Same Address  
Drilling commenced 10-17-69  
Drilling completed 1-10-69 70  
Date Shot From To  
With  
Open Flow /10hrs Water in inch  
Volume 920,000 Cu. Ft.  
Rock Pressure 815 lbs. 24 hrs.  
Oil bbls. 1st 24 hrs.  
WELL ACIDIZED (DETAILS)  
WELL FRACTURED (DETAILS) Attempted to fract at 1405 to 1410. Sand would not take fract. with pressure of 3800 lbs. Pipe bursted at approximately 600'.  
RESULT AFTER TREATMENT (Initial open Flow or bbls.)  
ROCK PRESSURE AFTER TREATMENT HOURS  
Fresh Water Feet Salt Water Feet  
Producing Sand Gants Depth 1413'

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10 3/4	303	303	Cemented
8 5/8	1055.65	Pulled	
6 1/2			Depth set
5 3/4	1413	1413	Cemented
4 1/2			
3			Perf. top
2 3/8	1301	Run on L. in run up side	
Liners Used		down Packer	Perf. bottom

Attach copy of cementing record.  
CASING CEMENTED 5 1/2 SIZE 1413 No. Ft. 1-6-70 Date  
Amount of cement used (bags)  
Name of Service Co. Dowell  
COAL WAS ENCOUNTERED AT 64 FEET INCHES  
241 FEET INCHES FEET INCHES  
FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Red Rock	Red	Soft	0	5			
Sand	White	Hard	5	35			
Red Rock	Red	Soft	35	40			
Slate	Grey	Soft	40	61			
Coal	Black	Soft	64	68			
Slate-Shells	Grey	Soft	68	241			
Coal	Black	Soft	241	245			
Slate-Shells	Grey	Soft	245	599			
Lime	White	Hard	599	652			
Sand	White	Hard	652	805			
Slate-Shells	Grey	Soft	805	1015			
Red Rock	Red	Soft	1015	1050			
Lime	White	Hard	1050	1100			
Slate	Grey	Soft	1100	1105			
Broken Lime	White	Hard	1105	1200			
Lime	White	Hard	1200	1300			
Sand	White	Hard	1300	1344			
Slate-Shells	Grey	Soft	1344	1400			
Sand	White	Hard	1400	1412			
Slate-Shells	Grey	Soft	1412	1418			

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4700100504

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks

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Environmental Protection

Date 2-24-70, 19\_\_

APPROVED J. L. Trittipo and W. G. Clark Owner

By [Signature] (Title) [Signature]

03/17/2023



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS WELLS DIVISION

INSPECTOR'S WELL REPORT

Permit No. BAR-504

Oil or Gas Well \_\_\_\_\_  
KIND

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<u>J. S. Suttigo &amp; T. C. Clark</u>	Size			
Address <u>Charleston, W. Va.</u>	16			Kind of Packer _____
Farm <u>Wm. H. Williams</u>	13	<u>216'</u>	<u>Pulled before Cementing</u>	<u>10'</u>
Well No. <u>1</u>	10 3/4"	<u>302'</u>		Size of _____
District <u>Union</u> County <u>Putnam</u>	8"	<u>1055'</u>	<u>Losses Against</u>	Depth set _____
Drilling commenced <u>10-17-69</u>	6"			Perf. top _____
Drilling completed _____ Total depth _____	5 1/16"			Perf. bottom _____
Date shot _____ Depth of shot _____	3"			Perf. top _____
Initial open flow _____ /10ths Water in _____ Inch	2"			Perf. bottom _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	Liners Used _____			Perf. bottom _____
Volume _____ Cu. Ft.				
Rock pressure _____ lbs. _____ hrs.				
Oil _____ bbls., 1st 24 hrs.				
Fresh water <u>225</u> feet _____ feet				
Salt water _____ feet _____ feet				

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WV Department of Environmental Protection

CASING CEMENTED 10 3/4" SIZE 302' No. FT. \_\_\_\_\_ Date \_\_\_\_\_  
NAME OF SERVICE COMPANY Hansen  
COAL WAS ENCOUNTERED AT 64 FEET 48 INCHES  
241 FEET 48 INCHES FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

Drillers' Names John & Dickey  
Suttigo & Clark - Snyder

Remarks: Ran 5 1/2" Csg. & Cemented at ~~1421~~ 1421 ft.  
1409 ft had 750,000 g Gas

12-24-69  
DATE

Paul Pherson  
DISTRICT WELL INSPECTOR





State of West Virginia

Department of Mines  
Oil and Gas Division  
Charleston 5

May 13, 1970

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Office of Oil and Gas

MAR 09 2023

WV Department of  
Environmental Protection

J. L. Trittipo and N. G. Clark  
Commerce Square  
Charleston, W. Va. 25304

IN RE: Permit BAR-504  
Farm Wm. H. Winans Trs.  
Well No. 1  
District Union  
County Barbour

Gentlemen:

The final inspection report for the Well which is described above has been received in this office.

Please be advised that the Well which is covered by the above permit number has been released under your Blanket Bond.

Very truly yours,

Deputy Director  
Oil and Gas Wells Division

b

WW-4A  
Revised 6-07

1) Date: 4700100504  
2) Operator's Well Number \_\_\_\_\_  
W M H. Winans Hrs #1

3) API Well No.: 47 - 001 - 00504

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

<b>4) Surface Owner(s) to be served:</b>	<b>5) (a) Coal Operator</b>
(a) Name <u>Joshua L. Folz</u>	Name <u>N/A</u>
Address <u>2232 Sandridge and Reed Rd</u>	Address _____
<u>Volga, WV 26238</u>	_____
(b) Name _____	<b>(b) Coal Owner(s) with Declaration</b>
Address _____	Name <u>Joshua L. Folz</u>
_____	Address <u>2232 Sandridge and Reed Rd</u>
_____	<u>Volga, WV 26238</u>
(c) Name _____	Name _____
Address _____	Address _____
_____	_____
<b>6) Inspector</b> <u>Kenneth Greynolds</u>	<b>(c) Coal Lessee with Declaration</b>
Address <u>613 Broad Run Rd</u>	Name <u>N/A</u>
<u>Jane Jew WV 26378</u>	Address _____
Telephone _____	_____

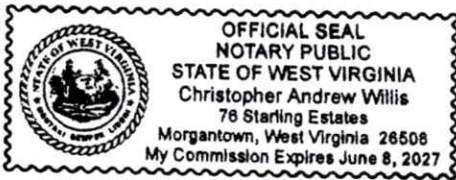
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Office of Oil and Gas

**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 reverse 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: Matthew A. Reasler  
 Its: Plugging Contractor  
 Address 130 Madison Ridge Road  
Mt. Morris, PA 15349  
 Telephone 304-291-0125

Subscribed and sworn before me this 1 day of March 2023  
\_\_\_\_\_  
My Commission Expires June 8, 2027 Notary Public

**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](mailto:depprivacyofficer@wv.gov).

03/17/2023

4700100504

Surface Owner Proof of Application sent by Certified Mail

WM. H. Winans Heirs #1

47-001-00504

7019 2970 0000 9288 9607

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

For delivery information, visit our website at [www.usps.com](http://www.usps.com)®

Volga WV 26288

**OFFICIAL USE**

Certified Mail Fee	\$4.15
Extra Services & Fees (check box, add fee)	\$7.75
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00
<input type="checkbox"/> Return Receipt (electronic)	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00
<input type="checkbox"/> Adult Signature Required	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00
Postage	\$2.22
<b>Total Postage and Fees</b>	<b>\$9.72</b>

0098  
03

Postmark  
Here

03/07/2023

Sent to:  
 Mr. Joshua Folz  
 Street and Apt. No., or PO Box No.  
 2232 Sunbridge and Reed Road  
 City, State, ZIP+4®  
 Volga, WV 26288

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

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4700100504

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.

**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.

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

WW-9  
(5/16)

API Number 47 - 001 4700100504  
Operator's Well No. W.M. H. WINANS HEELS # 1

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) Tygart Valley River Quadrangle Audra

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. Gel will be circulated from tank through well bore and returned back to tank.

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. Fresh water gel and/or cement

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

Additives to be used in drilling medium? Bentonite Bicarbonate of soda

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. Landfill

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

-Landfill or offsite name/permit number? Meadowfork Landfill-permit #SWF 1032

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.

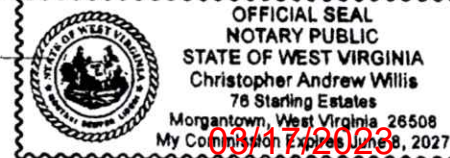
I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is 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 Matthew A. Yearday MAR 09 2023  
 Company Official (Typed Name) Matthew A. Yearday  
 Company Official Title Business Operations Manager WV Department of Environmental Protection

Subscribed and sworn before me this 1 day of March, 2023

Christopher Andrew Willis Notary Public

My commission expires June 8, 2027





Proposed Revegetation Treatment: Acres Disturbed 0.12 Prevegetation pH 6

Lime 3 Tons/acre or to correct to pH 6.0

Fertilizer type 10-20-20 or Equivalent

Fertilizer amount 500 lbs/acre

Mulch 2 Tons/acre

Seed Mixtures

**Temporary**

**Permanent**

Seed Type lbs/acre

Seed Type lbs/acre

See Attached

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: [Signature]

Comments: RECLAIM, SEED + MULCH REAP

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Title: OIL & GAS INSPECTION Date: 2-24-23

Field Reviewed? ( ) Yes (  ) No

4700100504

# CAUDILL SEED

1001 E. MAIN ST. BOX 402 • HORNBECK, NY 13051 • 518-4-4823

### NOTICE TO CONSUMERS

Notice to Consumers: This is a notice to consumers of the fact that the seed is not guaranteed to be pure and free from weed seeds. The seed is sold as is and the buyer assumes all responsibility for the results of the seed. The seed is sold as is and the buyer assumes all responsibility for the results of the seed. The seed is sold as is and the buyer assumes all responsibility for the results of the seed.

PROFESSOR SEED 2015  
LOT # 1001  
GROSS WT. 1.50  
NET WT. 1.00  
WEED SEED 20

RESIDUES:  
NO PESTICIDES  
NO FERTILIZERS  
NO OTHER MATERIAL  
NO OTTOLIN  
NO OTHER MATERIALS  
CONTAINS PESTICIDES

SAFETY  
PURITY  
LIVE  
NOT WEEDY  
CLEAN  
NOT WEEDY  
GENEAL

PROFESSOR	SEED	2015	LOT #	1001	GROSS WT.	1.50	NET WT.	1.00	WEED SEED	20
-----------	------	------	-------	------	-----------	------	---------	------	-----------	----

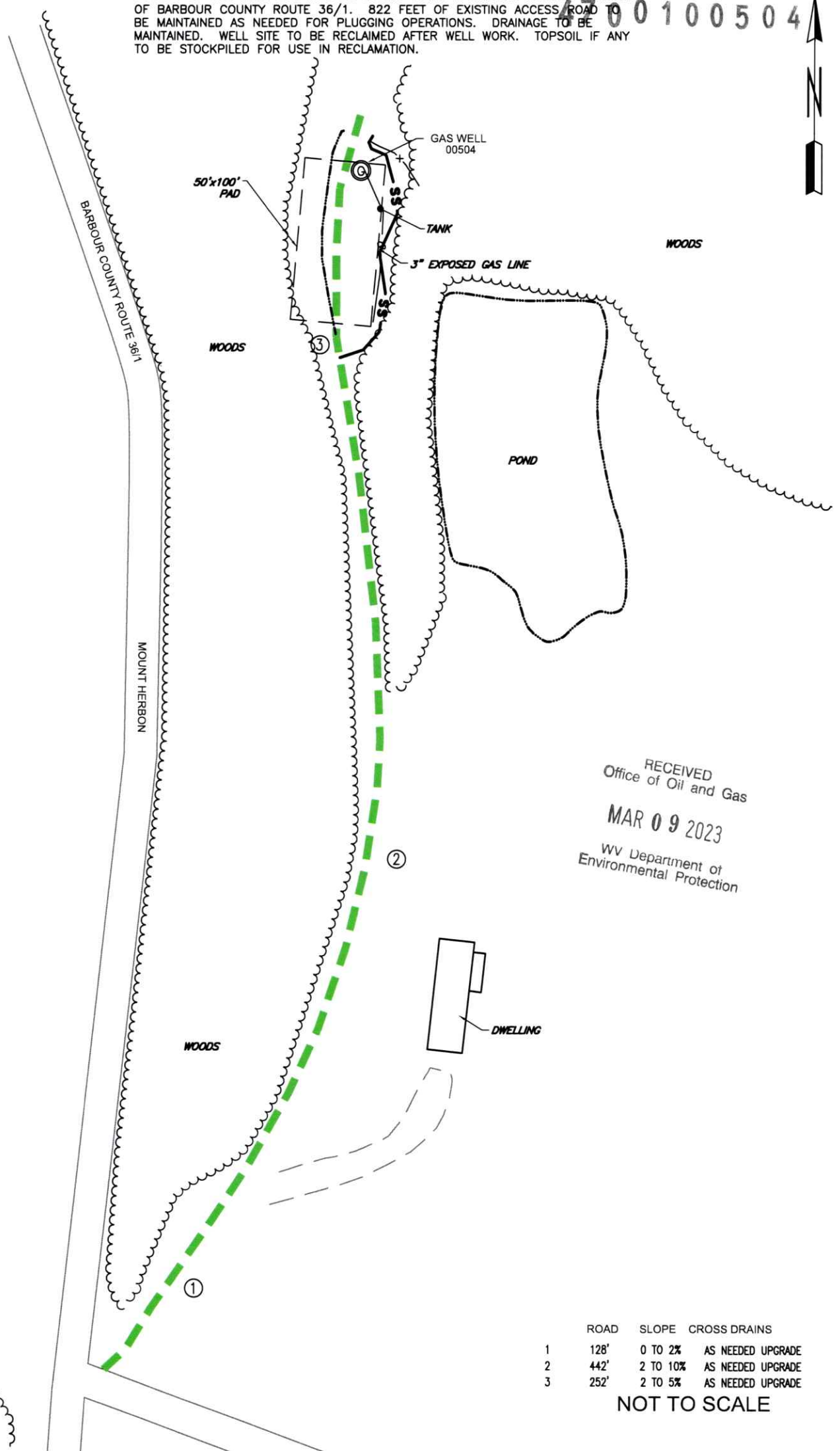
NOTICE TO CONSUMERS: This is a notice to consumers of the fact that the seed is not guaranteed to be pure and free from weed seeds. The seed is sold as is and the buyer assumes all responsibility for the results of the seed. The seed is sold as is and the buyer assumes all responsibility for the results of the seed.

NOTICE TO CONSUMERS: This is a notice to consumers of the fact that the seed is not guaranteed to be pure and free from weed seeds. The seed is sold as is and the buyer assumes all responsibility for the results of the seed.

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ACCESS TO THE WELL SITE WILL BE GAINED USING AN EXISTING ACCESS ROAD OFF OF BARBOUR COUNTY ROUTE 36/1. 822 FEET OF EXISTING ACCESS ROAD TO BE MAINTAINED AS NEEDED FOR PLUGGING OPERATIONS. DRAINAGE TO BE MAINTAINED. WELL SITE TO BE RECLAIMED AFTER WELL WORK. TOPSOIL IF ANY TO BE STOCKPILED FOR USE IN RECLAMATION.

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	ROAD	SLOPE	CROSS DRAINS
1	128'	0 TO 2%	AS NEEDED UPGRADE
2	442'	2 TO 10%	AS NEEDED UPGRADE
3	252'	2 TO 5%	AS NEEDED UPGRADE

NOT TO SCALE

03/17/2023

**LEGEND:**

- ⊙ EXISTING WELLHEAD
- SILT FENCE
- ⊕ EXISTING POWER POLE
- OVERHEAD ELECTRIC
- STREAM
- ~ TREE LINE
- DRAINAGE
- LANDING PAD
- ACCESS

**NOTES**

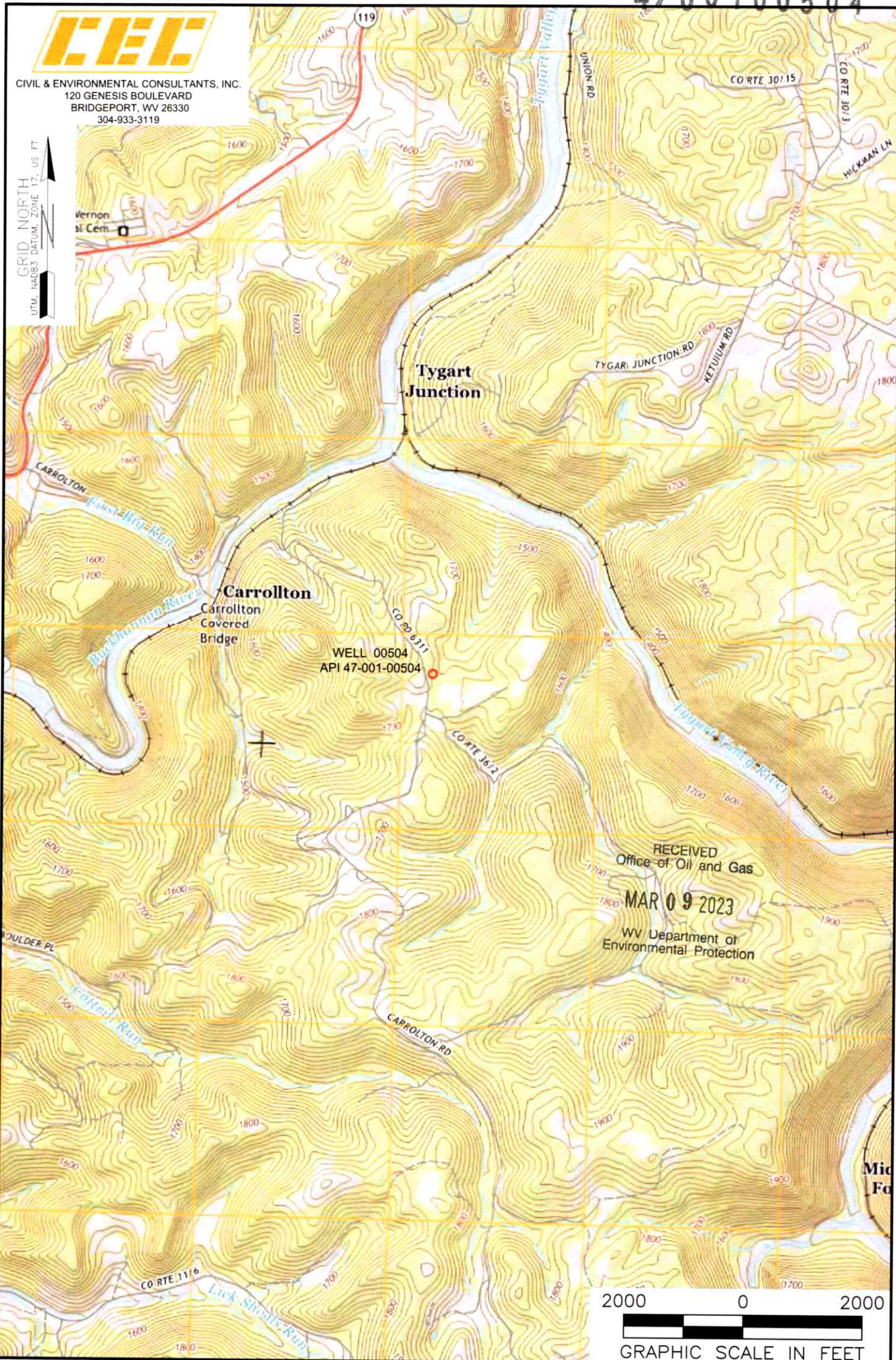
- NO PIT WILL BE CONSTRUCTED. TANKS WILL BE USED FOR FLUIDS.

<b>WELL OPERATOR:</b> UNKNOWN-DEP PAID PLUGGING CONTRACT WVDEP	<b>WELL (FARM) NAME:</b> WINANS	<b>WELL #</b> 1
<b>ADDRESS:</b> 601 57TH STREET, SE CHARLESTON, WV 25304	<b>COUNTY - CODE:</b> BARBOUR - 001	<b>DISTRICT; UNION:</b>
<b>SURFACE OWNER:</b> JOSHUA L. FOLTZ	<b>USGS 7 1/2 QUADRANGLE MAP NAME:</b> AUDRA, WV	

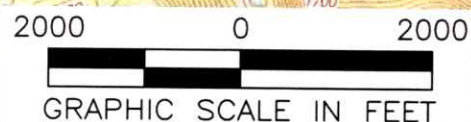


CIVIL & ENVIRONMENTAL CONSULTANTS, INC.  
 120 GENESIS BOULEVARD  
 BRIDGEPORT, WV 26330  
 304-933-3119

GRID NORTH  
 UTM, NAD83 DATUM, ZONE 17, US FT



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NOTES ON SURVEY

1. SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND/OR FIELD LOCATIONS.
2. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
4. ALL INSETS ARE GRID NORTH UNLESS OTHERWISE DEPICTED.

LEGEND:

- PROPOSED SURFACE HOLE / BOTTOM HOLE
- ⊙ EXISTING / PRODUCING WELLHEAD
- ✱ LPL LANDING POINT LOCATION
- FLOOD PLAIN
- ACCESS ROAD
- PUBLIC ROAD
- ACCESS ROAD TO PREV. SITE
- LEASE BOUNDARY
- PROPOSED PATH

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WELL OPERATOR: UNKNOWN-DEP PAID PLUGGING CONTRACT WVDEP ADDRESS: 601 57TH STREET SE, CHARLESTON, WV 25304 SURFACE OWNER: JOSHUA L. FOLTZ 19± ACRES	WELL (FARM) NAME: WINANS 1 COUNTY - CODE BARBOUR - 001 DISTRICT: UNION DISTRICT USGS 7 1/2 QUADRANGLE MAP NAME AUDRA, WV	WELL # 1
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Latitude: 39°07'30"

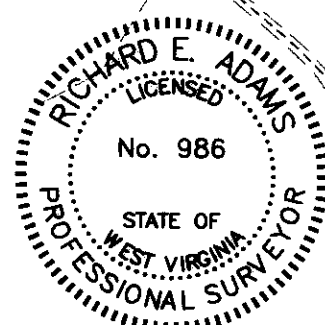
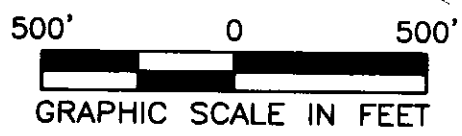
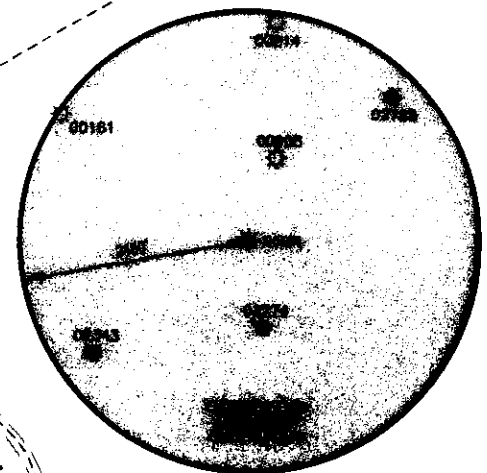
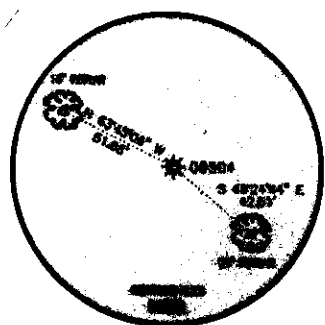
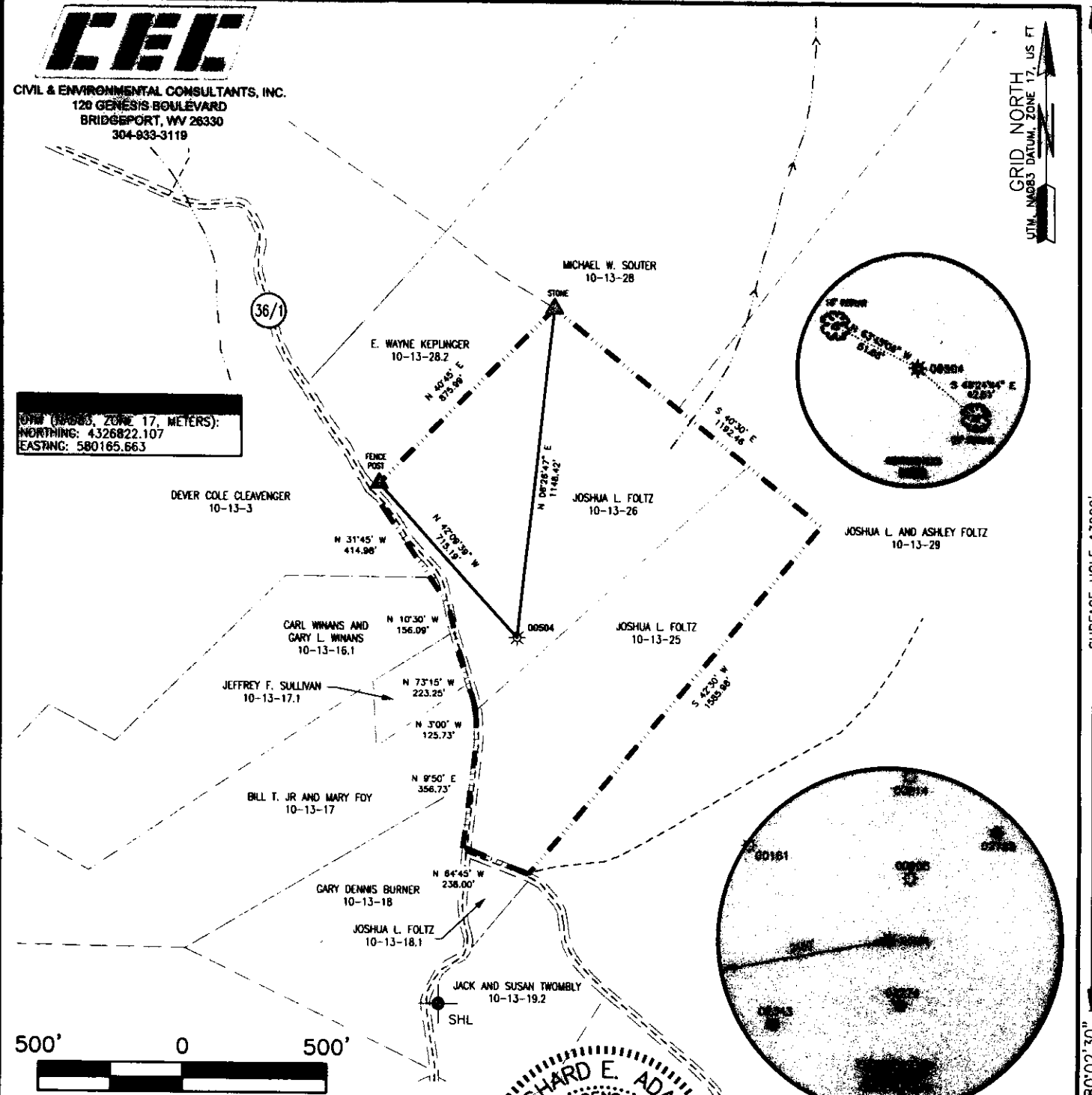
SURFACE HOLE 8917



CIVIL & ENVIRONMENTAL CONSULTANTS, INC.  
120 GENESIS BOULEVARD  
BRIDGEPORT, WV 26330  
304-933-3119

GRID NORTH  
UTM, NAD83 DATUM, ZONE 17, US FT

UTM (NAD83, ZONE 17, METERS):  
NORTHING: 4326822.107  
EASTING: 580165.663



*Richard E. Adams 3/2/2023*

**NOTES ON SURVEY**  
1. SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND/OR FIELD LOCATIONS.  
2. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.  
3. ALL INSETS ARE GRID NORTH UNLESS OTHERWISE DEPICTED.  
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 REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

P.S. 986

	(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS	MINIMUM DEGREE OF ACCURACY: 1/200	OPERATOR'S WELL #: WINANS 1
	WVDEP OFFICE OF OIL & GAS 601 57TH STREET CHARLESTON, WV 25034	PROVEN SOURCE OF ELEVATION: SURVEY GRADE GPS (NAVD 88, US FT)	API WELL #: 47 001 00504 STATE COUNTY PERMIT
WELL TYPE: OIL <input type="checkbox"/> WASTE DISPOSAL <input type="checkbox"/> PRODUCTION <input checked="" type="checkbox"/> DEEP <input type="checkbox"/> GAS <input checked="" type="checkbox"/> LIQUID INJECTION <input type="checkbox"/> STORAGE <input type="checkbox"/> SHALLOW <input checked="" type="checkbox"/>		WATERSHED: TYGART VALLEY RIVER	
DISTRICT: UNION COUNTY: BARBOUR		ELEVATION: 1705.16'	
SURFACE OWNER: JOSHUA L. FOLTZ		QUADRANGLE: AUDRA	
OIL & GAS ROYALTY OWNER: JOSHUA L. FOLTZ		ACREAGE: 19±	
DRILL <input type="checkbox"/> DRILL DEEPER <input type="checkbox"/> REDRILL <input type="checkbox"/> FRACTURE OR STIMULATE <input type="checkbox"/> PLUG OFF OLD FORMATION <input type="checkbox"/> PERFORATE NEW FORMATION <input type="checkbox"/>		ACREAGE: 34.16±	
CONVERT <input type="checkbox"/> PLUG & ABANDON <input checked="" type="checkbox"/> CLEAN OUT & REPLUG <input type="checkbox"/> OTHER CHANGE <input type="checkbox"/> (SPECIFY)		ESTIMATED DEPTH: 1418'	
TARGET FORMATION: GANTZ		DATE: 3/02/2023	
WELL OPERATOR: UNKNOWN-DEP PAID PLUGGING CONTRACT WVDEP		DESIGNATED AGENT: H. JASON HARMON	
ADDRESS: 601 57TH STREET, SE		ADDRESS: 601 57TH STREET, SE	
CITY: CHARLESTON STATE: WV ZIP CODE: 25304		CITY: CHARLESTON STATE: WV ZIP CODE: 25304	
LEGEND: * EXISTING WELLHEAD - - - - - LEASE BOUNDARY		REVISIONS:	
		DRAWN BY: K.E.S.	
		SCALE: 1" = 1000'	
		DRAWING NO: 324-513	
		WELL LOCATION PLAT	

03/17/2023

WW-4B

4700100504

API No. 47-001-00504

Farm Name \_\_\_\_\_

Well No. W.M. H. Winans Heirs #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.

**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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Environmental Protection

03/17/2023

**SURFACE OWNER WAIVER**

**47 00 100504**

Operator's Well  
Number

W.M. H. Winans Heirs #1

**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..."

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**MAR 09 2023**  
WV Department of  
Environmental Protection

**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.

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

Signature

Date

**03/17/2023**

March 06, 2023

Mr. Jason Harmon  
West Virginia Department of Environmental Protection  
Office of Environmental Protection  
601 57<sup>th</sup> Street SE  
Charleston, WV 25304

RE: DEP-Paid Plugging Contract  
Plugging Application: W.M. H. Winans Heirs #1 (API# 47-001-00504)

CEC Project # 324-513

Dear Mr. Harmon:

On behalf of Coastal Drilling East, please find the enclosed plugging application for the W.M. H. Winans Heirs #1 well for your review.

Please feel free to contact me at (304) 629-6309 or [ecarder@cecinc.com](mailto:ecarder@cecinc.com) if you have any questions or require any additional information.

Very truly yours,  
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.

  
Eddie Carder  
Senior Project Manager

  
Joseph D. Robinson, P.E.  
Vice President

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MAR 09 2023

WV Department of  
Environmental Protection





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

---

## Plugging permits issued 4700100504 4709100074 4709100075

1 message

---

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

Fri, Mar 17, 2023 at 3:11 PM

To: Henry J Harmon <henry.j.harmon@wv.gov>, ecarder@cecinc.com, Kenneth L Greynolds <kenneth.l.greynolds@wv.gov>, spencer@assessor.state.wv.us, ckinsey@wvassessor.com


To whom it may concern, plugging permits have been issued for 4700100504 4709100074 4709100075.


James Kennedy


WVDEP OOG


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### 6 attachments


 **IR-8 4700100504.pdf**  
12K

 **IR-8 4709100075.pdf**  
120K

 **ir-8 4709100074.pdf**  
120K

 **4709100074.pdf**  
2375K

 **4709100075.pdf**  
2089K

 **4700100504.pdf**  
2489K

03/17/2023