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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)

Monday, May 22, 2023  
WELL WORK PLUGGING PERMIT  
Vertical Plugging

UNKNOWN - DEP PAID PLUGGING CONTRACT  
601 57TH STREET

CHARLESTON, WV 25304

Re: Permit approval for 1  
47-049-00170-00-00

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: NEEL, JENNIE  
U.S. WELL NUMBER: 47-049-00170-00-00  
Vertical Plugging  
Date Issued: 5/22/2023

Promoting a healthy environment.

05/26/2023

## 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.

05/26/2023

1) Date 4/17, 2023  
2) Operator's Well No. Jennie Neel #1  
3) API Well No. 47-049 - 00170

RECEIVED  
Office of Oil and Gas

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

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

APR 19 2023

West Virginia Department of Environmental Protection

4) Well Type: Oil \_\_\_\_\_ / Gas X / Liquid injection \_\_\_\_\_ / Waste disposal \_\_\_\_\_  
(If "Gas, Production X or Underground storage \_\_\_\_\_)

5) Location: Elevation 1304' Watershed Grassy Run  
District Union County Marion Quadrangle Fairmont East

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

8) Oil and Gas Inspector to be notified Name Kenneth Greynolds 9) Plugging Contractor Name Coastal Drilling East  
Address 613 Broad Run Road Address 130 Meadow Ridge Road  
Jane Lew, WV 26378 Mount Morris, PA

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 3/16" casing with fresh water. Check TD w/wireline.  
TIH w. tubing to 1078'. Pump Class L cement plug from 1078' to 800'. TOOH w. tubing. WOC. Tag TOC. Notify WV OGO inspector to discuss perforations and cut schedule.  
RU Wireline. Run CBL on 5 3/16" casing from 825'- surface. Determine free point on 5 3/16" casing.  
Attempt to pull casing string with 150% of string weight. Cut 5 3/16" csg. At free point 5 3/16" TOOH with casing. TIH w. tubing to 800', set 800' Class L cement plug from 800' to surface. <sup>245'</sup>\*

Top off well to surface with solid cement as needed.

Erect monument with API#, date plugged, and company name, Reclaim location and road to WV-DEP specifications.

\* MUST USE EXPANDING CEMENT FROM 245' TO SURFACE.  
COAL 190'-195'  
144'-148'  
60'-62' JWM

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

Work order approved by inspector Kenneth J. Greynolds Date 4-14-23

05/26/2023

### REMEDIATION AND/OR PLUGGING WORK PLAN

Notify Inspector Specialist, Kenneth Greynolds @ 304.314 6095. 613 Broad Run Road, Jane Lew, WV 26378. Notification is required 24 hours prior to commencing plugging operations.

1. Notify State Inspector, Ken Greynolds 304-206-6613, 48 hours prior to commencing operations.
2. Conduct Tailgate Safety Meeting. Complete JSA's as required.
3. Check pressures on all casing with a gauge. Blow down well into a grounded tank with secure line.
4. MIRU. Begin plugging and abandonment operations, Load 5 3/16" casing with fresh water. Check TD w/wireline. Notify WV OGO inspector.
5. Notify WV OGO inspector to discuss perforations and cut schedule.
6. TIH w. tubing to 1078', set 287' Class L cement plug from 1078' to 800'. TOOH w. tubing. WOC. Tag TOC.
7. Attempt to pull casing string with 150% of string weight.
8. RU Wireline. Run CBL on 5 3/16" casing from 825'- surface. Determine free point on 5 3/16" casing.
9. Cut 5 3/16" csg. At free point 5 3/16" TOOH with casing.
10. TIH w. tubing to 800', set 800' Class L cement plug from 800' to surface. 245'
11. Top off well to surface with solid cement as needed. USE EXPANDING CEMENT FROM 245' TO SURFACE  
JMM
12. Erect monument with API#, date plugged, and company name,
13. Reclaim location and road to WV-DEP specifications.

\*6% Gel Spacers may be omitted and replaced with Class L cement plugs.

RECEIVED  
 Office of  
 APR 19 2023  
 WV  
 Environmental



4704900170P

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

WELL RECORD

Permit No. MAR-170

Oil or Gas Well Gas  
(KIND)

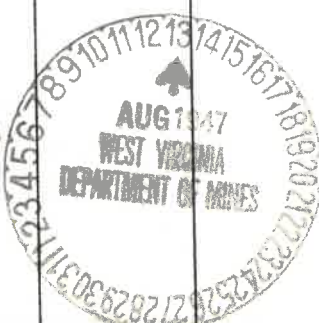
Company N. B. Hamric, et al.  
Address Gassaway, West Va.  
Farm Jennie Neel Acres 40  
Location (waters) Grassy Run  
Well No. 1 Elev. 1304  
District Union County Marion  
The surface of tract is owned in fee by Jennie Neel  
Address Hammond, W.Va.  
Mineral rights are owned by Jennie Neel  
Address Hammond, W.Va.  
Drilling commenced July 10, 1947  
Drilling completed August 6, 1947  
Date Shot From To  
With  
Open Flow 56 /10ths Water in 1" Inch  
/10ths Merc. in Inch  
Volume 55,200 Cu. Ft.  
Rock Pressure 210# lbs. 24 hrs.  
Oil bbls., 1st 24 hrs.  
Fresh water 62' feet feet  
Salt water feet feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
18			
10			Size of
8 1/4			
6 5/8	<u>10'</u>	<u>10'</u>	Depth set
5 3/16	<u>825'</u>	<u>825'</u>	
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_

COAL WAS ENCOUNTERED AT 62 FEET INCHES  
144-148 FEET INCHES  
190-195 FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Soil			0	10			
Sand			10	60			
Coal			60	62	Water @ 62'		
Slate-Shells			62	130			
Sand			130	144			
Coal			144	148			
Slate			148	190			
Coal			190	195			
Slate			195	205			
Line		Hard	205	225			
Slate			225	230			
Line			230	240			
Sand			240	265			
Shale			275	300			
Sand			300	330			
Slate			330	370			
Sand		Hard	370	411			
Slate			411	420			
Line			420	470			
Slate			470	510			
Line			510	540			
Red Rock			540	560			
Line			560	724			
Red Rock			724	790			
Slate			790	800			
Line			800	835			
Red Rock			835	860			
Line			860	935			
Keener			935	950			
Line			950	975			
Big Injun			975	1075	Gas	1047-1052	
Slate			1075	1078			



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Office of Oil and Gas  
APR 19 2023  
WV Department of  
Environmental Protection

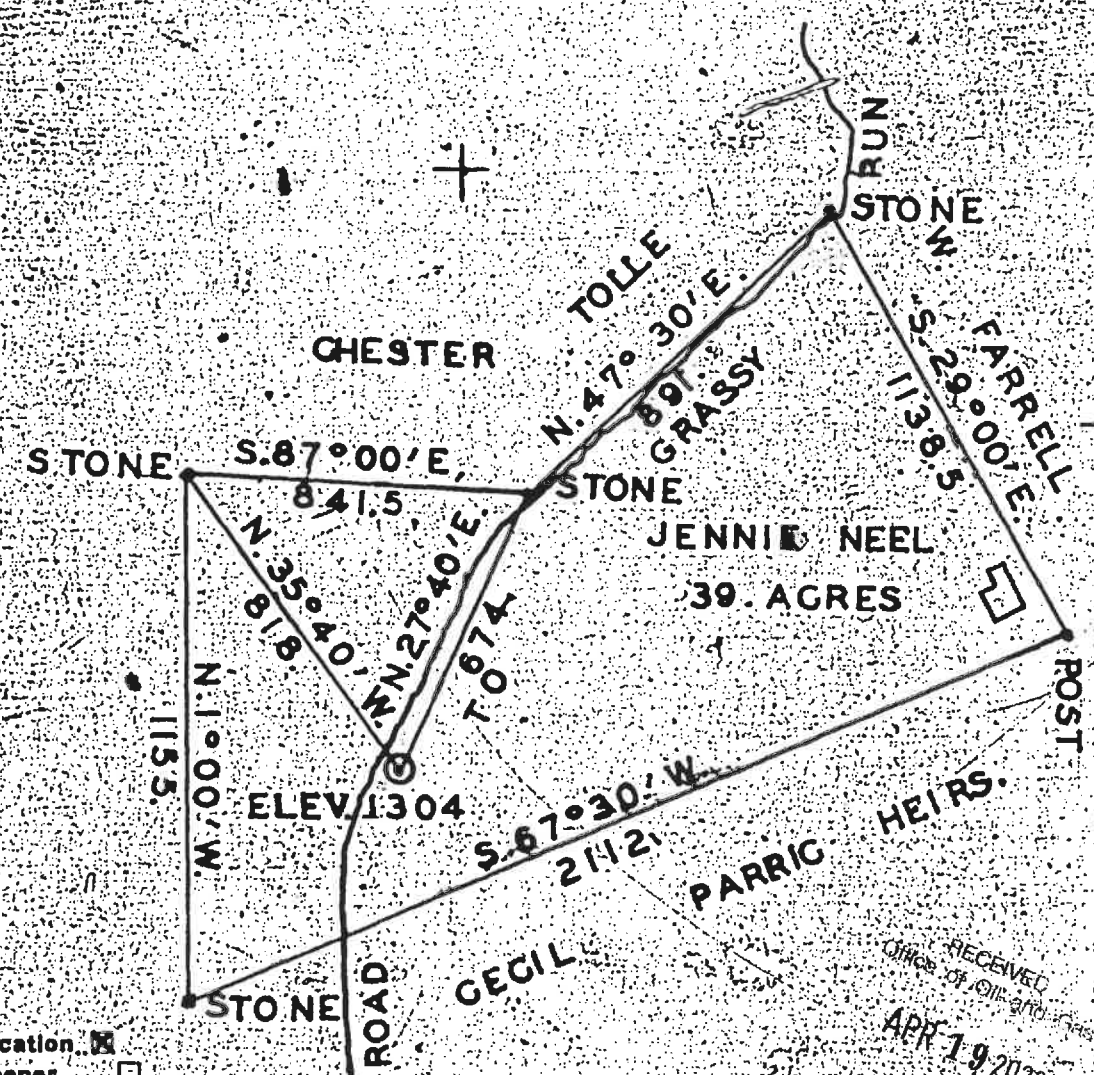
05/26/2023



4704900170P

Latitude 39 30

Longitude 80 00



New Location   
 Drill Deeper   
 Abandonment

RECEIVED  
 Office of Oil and Gas  
 APR 19 2023  
 W.V. Department of Environmental Protection

Company N. B. HAMRIG  
 Address GASSAWAY W. VA.  
 Farm JENNIE NEEL  
 Tract 1 Acres 39 Lease No. \_\_\_\_\_  
 Well (Farm) No. 1 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 1304  
 Quadrangle FAIRMONT  
 County MARION District UNION  
 Engineer S. H. Rudy  
 Engineer's Registration No. GO. SURVEYOR  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date 4-25-47 Scale 1" = 400'

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

**WELL LOCATION MAP**  
 FILE NO. MAR-170

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

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

"SPECIAL" TRACING CLOTH  
 K & E CO., N.Y.



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

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

Powell Coal & Coke Co.  
COAL OPERATOR OR COAL OWNER

N. B. Hamric  
NAME OF WELL OPERATOR

Fairmont, W. Va.  
ADDRESS

Gassaway, W. Va.  
COMPLETE ADDRESS

COAL OPERATOR OR COAL OWNER

April 25, 1947, 19\_\_\_\_  
PROPOSED LOCATION

ADDRESS

Union District

Jennie Neel  
OWNER OF MINERAL RIGHTS

Marion County

Rt. 1, Hammond, W. Va.  
ADDRESS

Well No. 1 <sup>39° 30'</sup> <sub>80° 00'</sub>

Jennie Neel Farm

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 July 30, 1946, made by Jennie Neel, to G. W. McQuain, and recorded on the 13th day of November, 1946, in the office of the County Clerk for said County in Book 433, page 546.

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.

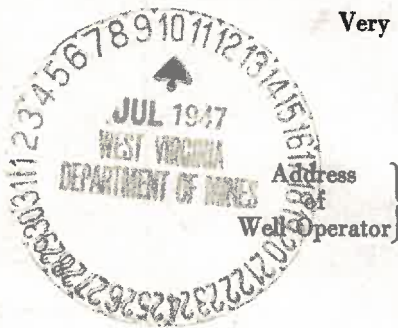
The above named coal operators or coal owners (if any) are notified that any objections they may desire to make to such proposed location, or which they are required to make by Section 3 of said Code, if the drilling of a well at said proposed location will cause a dangerous condition in or about their 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 on 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 W. Va. day 20 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,

N. B. Hamric  
WELL OPERATOR



STREET

Gassaway  
CITY OR TOWN

W. Va.  
STATE

05/26/2023

\*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.



4704900170P

WW-4A  
Revised 6-07

1) Date: 4/17/23  
2) Operator's Well Number  
Jennie Neel #1

3) API Well No.: 47 - 049 - 00170

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

RECEIVED  
OFFICE OF OIL AND GAS  
APR 19 2023

WV Department of  
Environmental Protection

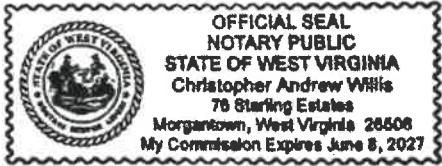
4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>Karen and James Nichols</u>	Name _____
Address <u>480 Long Run Road</u>	Address _____
<u>Fairmont, WV 26554</u>	
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>Wild Coal LLC</u>
	Address <u>3228 Summit Square Place, Suite 180</u>
	<u>Lexington, Kentucky 40509</u>
(c) Name _____	Name _____
Address _____	Address _____
6) Inspector <u>Kenneth Greynolds</u>	(c) Coal Lessee with Declaration
Address <u>613 Broad Run Road</u>	Name _____
<u>Jane Lew, WV 26378</u>	Address _____
Telephone <u>304-314-6095</u>	

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: Matthew Yearsley  
 Its: Plugging Contractor  
 Address 130 Meadow Ridge Road  
Mt Morris, PA 15349  
 Telephone 304-291-0175

Subscribed and sworn before me this 17 day of April, 2023  
Christopher A. Willis Notary Public  
 My Commission Expires June 8, 2023

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).

05/26/2023

Surface and Coal Owner Proof of Application Sent by Certified Mail  
Jennie Neel #1

7019 2970 0000 9288 9560

U.S. Postal Service™ *JENNIE NEEL #1*  
**CERTIFIED MAIL® RECEIPT** *SURFACE*  
 Domestic Mail Only

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

**OFFICIAL USE**

Certified Mail Fee	\$4.15	0098 17
Postage	\$2.22	
<b>Total Postage and Fees</b>	<b>\$6.37</b>	04/17/2023

Extra Services & Fees (check box, add fees appropriate)

<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

Sent To  
*Karin and James Nichols*  
 Street and Apt. No., or PO Box No.  
*480 Long Run Road*  
 City, State, ZIP+4®  
*Farmington NY 14854*

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

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Office of Oil and Gas  
APR 19 2023  
Department of Environmental Protection

7019 2970 0000 9288 9577

U.S. Postal Service™ *JENNIE NEEL #1*  
**CERTIFIED MAIL® RECEIPT** *DEL*  
 Domestic Mail Only

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

**OFFICIAL USE**

Certified Mail Fee	\$4.15	0098 17
Postage	\$1.98	
<b>Total Postage and Fees</b>	<b>\$6.13</b>	04/17/2023

Extra Services & Fees (check box, add fees appropriate)

<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

Sent To  
*Wild Coal LLC*  
 Street and Apt. No., or PO Box No.  
*3125 Summit Square Place, Suite 180*  
 City, State, ZIP+4®  
*Lexington KY 40509*

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

05/26/2023



April 17, 2023

Karen and James Nichols  
480 Long Run Road  
Fairmont, WV 26554

Dear Recipients:

Subject: Plugging permit modification for Class L cement  
Jennie Neel #1 (API# 47-0049-0170)  
CEC Project 324-513

According to public record, you are the landowner of the parcel described formally as:

Parcel Description: NICHOLS KAREN A & JAMES N  
ID: 24-18-0039-0015-0000  
DESC: 10.67 AC & C O&G GRASSY RUN

On behalf of Coastal Drilling East, LLC., Civil & Environmental Consultants, Inc. has submitted permits to permanently plug well API #47-049-00170 on the above listed property and now intends to modify permits to allow for the use of Class L cement in place of Class A due to manufacturing shortage. Enclosed you will find the proposed modifications to the plugging work orders and a copy of the approved variance authorization the use of Class L in this manner.

As the landowner of the affected parcel, you are entitled to submit comments to these modifications of the existing permits. If you choose to waive this right, please sign and return the enclosed surface owner waiver.

If you have any questions regarding this modification request, please contact me at 304.629.6309.

Respectfully,

CIVIL & ENVIRONMENTAL CONSULTANTS, INC.

  
Eddie Carder  
Senior Project Manager

  
Joseph D. Robinson, PE  
Vice President

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Office of Oil and Gas  
APR 19 2023  
WV Department of  
Environmental Protection

05/26/2023



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.

RECEIVED  
Office of Oil and Gas  
APR 19 2023  
WV Department of  
Environmental Protection

**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.

Promoting a healthy environment.

05/26/2023

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

RECEIVED  
Office of Oil and Gas  
APR 19 2023

APR 19 2023

05/26/2023

Operator's Well  
Number

Jennie Neel #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...".

**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.**

RECEIVED  
Office of Oil and Gas  
APR 19 2023

**VOLUNTARY STATEMENT OF NO OBJECTION**

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

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

FOR EXECUTION BY A NATURAL PERSON  
ETC.

FOR EXECUTION BY A CORPORATION,

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

05/26/2023

4704900170P

WW-4B

API No. 47-049-00170  
Farm Name Jennie Neel #1  
Well No. #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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APR 19 2023

WV Department of  
Environmental Protection

05/26/2023

4704900170P

WW-9  
(5/16)

API Number 47 - 049 - 00170  
Operator's Well No.: Jennie Neel #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) Grassy Run Quadrangle Fairmont East

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 the well bone

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

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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 and that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and of 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. Yearley*

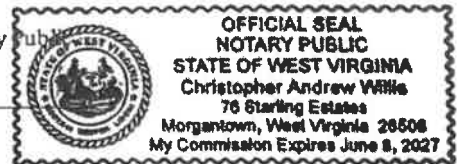
Company Official (Typed Name) Matthew A. Yearley

Company Official Title Business Operations Manager

Subscribed and sworn before me this 17 day of April, 2023

Christopher A. Willis Notary Public

My commission expires June 8, 2023



05/26/2023



Proposed Revegetation Treatment: Acres Disturbed 0.12 Prevegetation pH \_\_\_\_\_

Lime 3 Tons/acre or to correct to pH 6.0

Fertilizer type 10-20-200 or equivalent

Fertilizer amount 500 lbs/acre

Mulch 2 Tons/acre

**Seed Mixtures**

**Temporary**

**Permanent**

Seed Type

lbs/acre

Seed Type

lbs/acre

Seed Type	lbs/acre	Seed Type	lbs/acre

**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: Thomas J. Reynolds

Comments: RECLAIM, SEED + MULCH ASAP

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WV Department of  
Environmental Protection

Title: OIL + GAS INSPECTOR

Date: 4-14-23

Field Reviewed? ( ) Yes (  ) No

05/26/2023

CAUDILL SEED \* 1008 E. MAIN HWY BOX 60 HOUSE #2 \* MOREHEAD KY 40351 \* 606 4 4329



**NOTICE TO CONSUMERS**

Under applicable laws, the consumer may have the right to return goods for a refund or replacement if the goods are found to be defective. The consumer should inspect the goods immediately upon receipt. If a defect is found, the consumer should contact the seller immediately. The seller may be required to provide a refund or replacement if the goods are found to be defective. A receipt is required to receive a refund or replacement. A receipt is required to receive a refund or replacement. A receipt is required to receive a refund or replacement.

PURE CRYSTAL SEED 2015

LOT #0701000 NET WT. 50 LBS. (22.7 kg)

KIND: PURPLE HYBRID  
COUNTRY: MISSISSIPPI  
PURITY: 99.99%  
COATING MATERIAL: FERTILIZER  
TREATMENT: NONE  
DISEASE: NONE  
COUNTRY: MISSISSIPPI  
PURITY: 99.99%  
COATING MATERIAL: FERTILIZER  
TREATMENT: NONE  
DISEASE: NONE

PURITY: 99.99%  
COATING MATERIAL: FERTILIZER  
TREATMENT: NONE  
DISEASE: NONE

TEST	RESULT
NET WT.	50.00
PURITY	99.99%
COATING MATERIAL	FERTILIZER
TREATMENT	NONE
DISEASE	NONE

**NOTICE TO BUYER: WE WARRANT THAT SEEDS WE SELL WILL CONFORM TO THE LABEL DESCRIPTION HEREON UNDER FEDERAL AND STATE LAWS. WITH RECOMMENDED TOLERANCES, WE MAKE NO WARRANTIES, EXPRESSED OR IMPLIED OF MERCHANTABILITY, FITNESS FOR PURPOSE, OR OTHERWISE, WHICH WOULD EXCEED BEYOND SUCH DESCRIPTION, WHO MAKES ANY SUCH WARRANTY FROM WHICH WE EXCEPT OR EXEMPT US IN ANY MANNER IN CONNECTION WITH THE PURCHASE PRICE OF SUCH SEEDS.**

Seed Treatment

NOXIOUS WEEDS PER LB

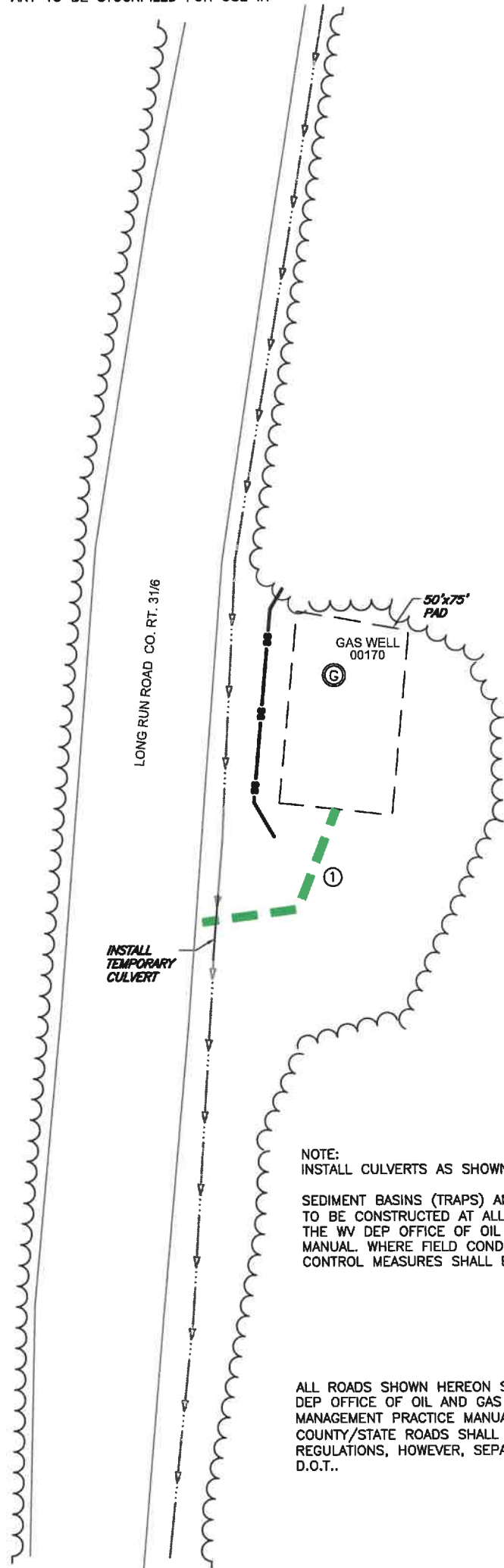
RECEIVED  
Office of Oil and Gas

APR 19 2023

WV Department of  
Environmental Protection

ACCESS TO THE WELL SITE WILL BE GAINED USING A PROPOSED ACCESS ROAD OFF OF CO. RT. 31/6 LONG RUN ROAD. 19 FEET OF PROPOSED ACCESS ROAD TO BE CONSTRUCTED AND 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.

4704900170P



KAREN A. AND  
JAMES N. NICHOLS  
18-39-15

NOTE:  
INSTALL CULVERTS AS SHOWN OR AS REQUIRED BY FIELD CONDITIONS.

SEDIMENT BASINS (TRAPS) AND APPROPRIATE EROSION CONTROL BARRIERS ARE TO BE CONSTRUCTED AT ALL CULVERTS AND CROSS DRAINS AS REQUIRED IN THE WV DEP OFFICE OF OIL AND GAS EROSION AND SEDIMENT CONTROL BMP MANUAL. WHERE FIELD CONDITIONS DICTATE, ALTERNATE ALTERNATIVE EROSION CONTROL MEASURES SHALL BE ENACTED AS REQUIRED.

WV Department  
Environmental Protection

ALL ROADS SHOWN HEREON SHALL BE MAINTAINED IN ACCORDANCE WITH WV DEP OFFICE OF OIL AND GAS EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICE MANUAL AS REVISED 8/29/2016. ENTRANCES UPON COUNTY/STATE ROADS SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.O.T. REGULATIONS, HOWEVER, SEPARATE PERMITS MAY BE REQUIRED BY THE WV D.O.T..

ROAD SLOPE CROSS DRAINS  
1 19' 0 TO 5% AS NEEDED

NOT TO SCALE

LEGEND:

- EXISTING / PRODUCING WELLHEAD
- EXISTING POWER POLE
- TREE

- SILT FENCE
- OVERHEAD ELECTRIC
- GRAVEL
- TREE LINE
- DRAINAGE
- PROPERTY LINE
- ACCESS

NOTES

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

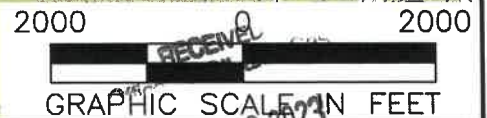
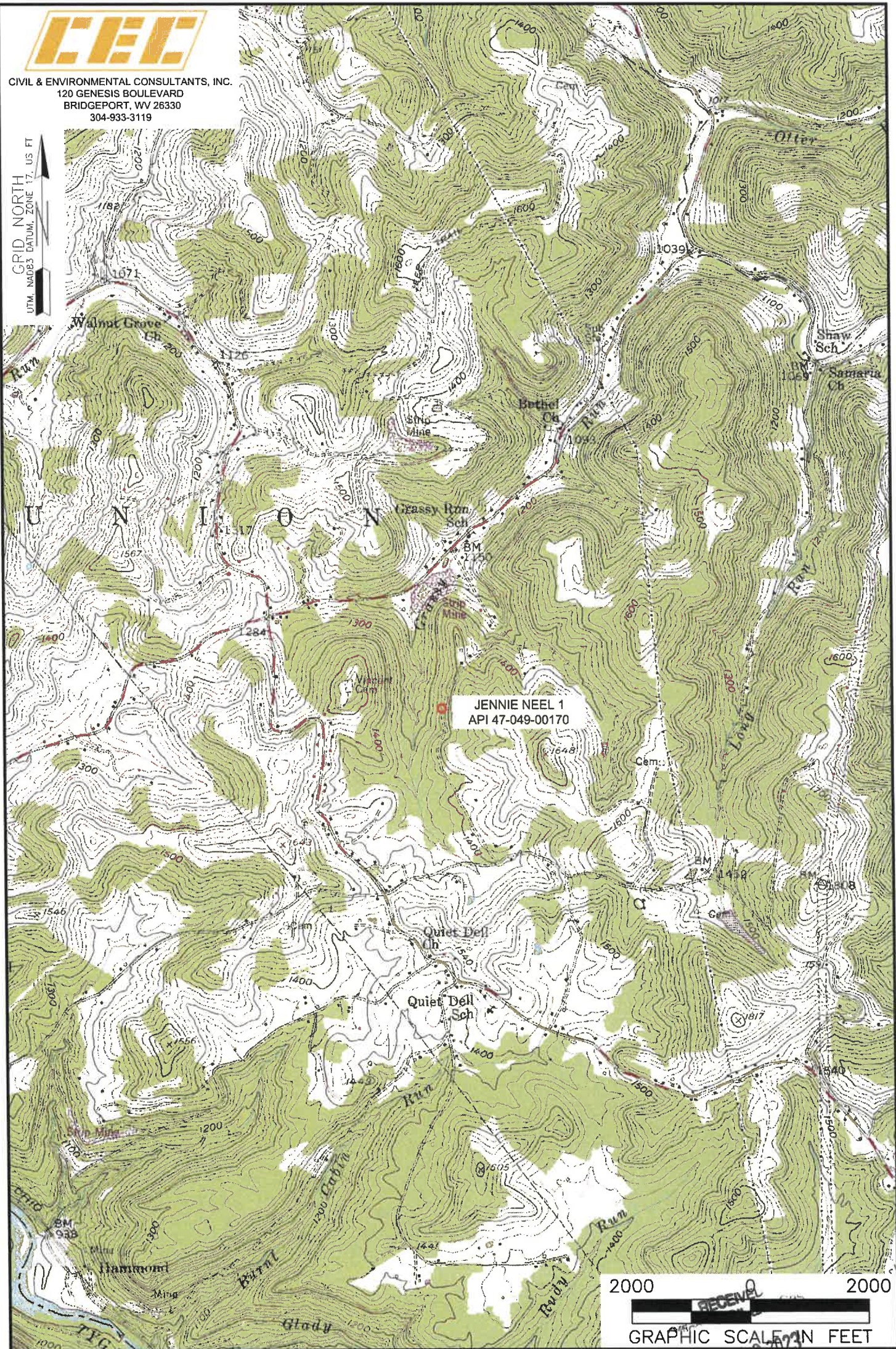
05/26/2023

WELL OPERATOR: UNKNOWN-DEP PAID PLUGGING CONTRACT WVDEP	WELL (FARM) NAME: JENNIE NEEL	WELL # 1
ADDRESS: 601 57TH STREET, SE CHARLESTON, WV 25304	COUNTY - CODE MARION - 049	DISTRICT; UNION DISTRICT
SURFACE OWNER: KAREN A. AND JAMES N. NICHOLS	USGS 7 1/2 QUADRANGLE MAP NAME FAIRMONT EAST, WV	



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

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



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:  
 ○ SURFACE HOLE  
 --- ACCESS ROAD  
 APP 1878  
 05/26/2023

WELL OPERATOR: UNKNOWN-DEP PAID PLUGGING CONTRACT WDEP	WELL (FARM) NAME: JENNIE NEEL	WELL # 1
ADDRESS: 601 57TH STREET, SE, CHARLESTON, WV 25304	COUNTY - CODE MARION - 049	DISTRICT; UNION DISTRICT
SURFACE OWNER: KAREN A. AND JAMES N. NICHOLS 10.67± ACRES	USGS 7 1/2 QUADRANGLE MAP NAME FAIRMONT EAST, WV	

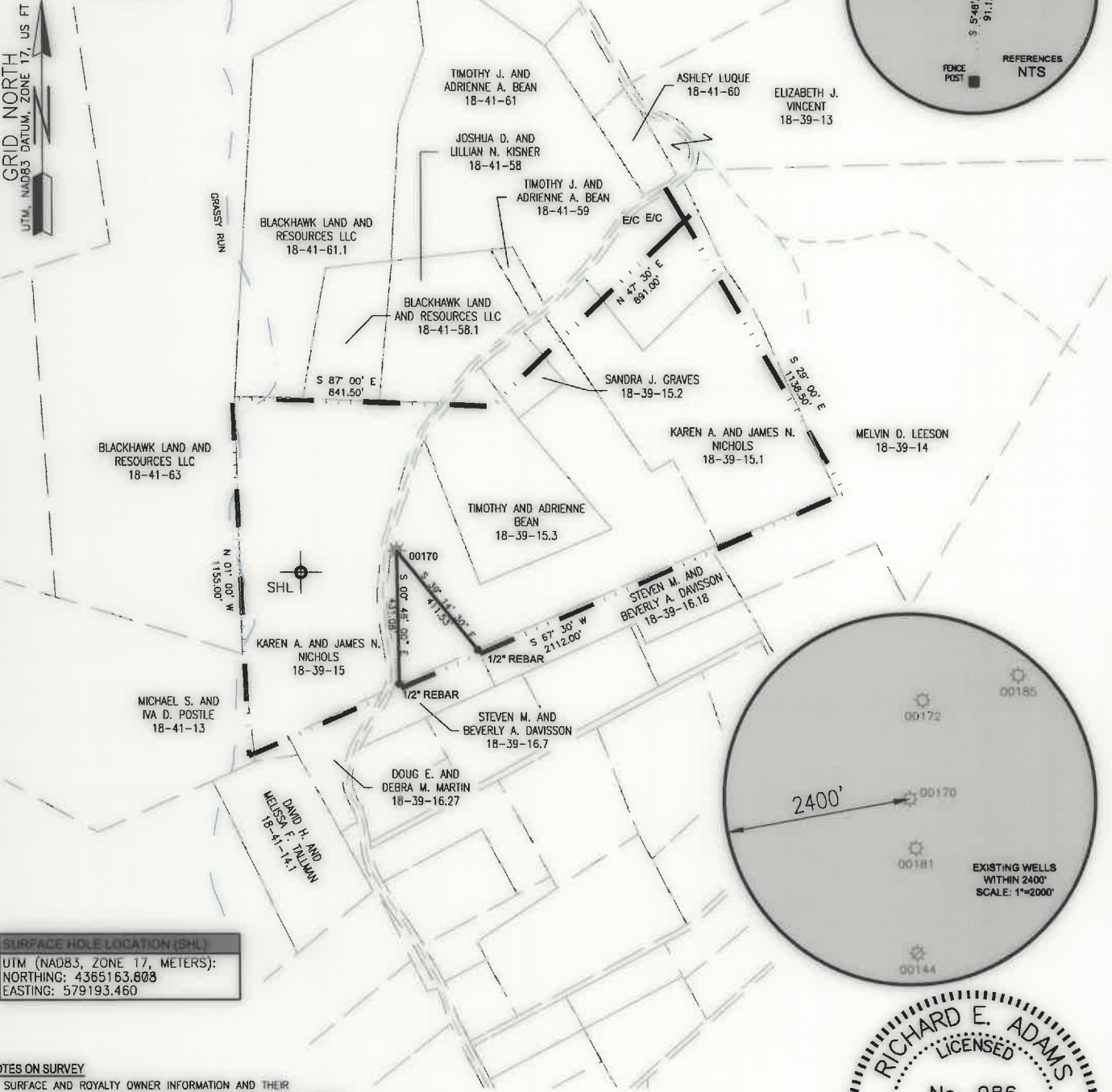
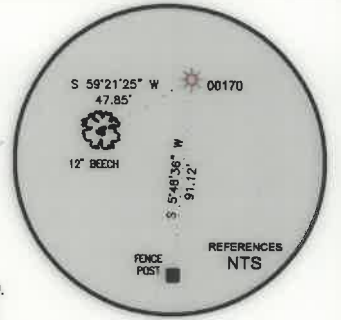
Latitude: 39°27'30"

SURFACE HOLE 10776'



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

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

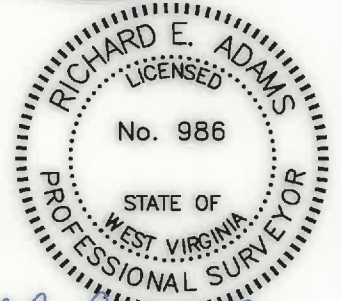
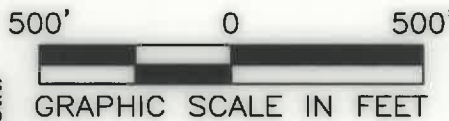


**SURFACE HOLE LOCATION (SHL)**  
UTM (NAD83, ZONE 17, METERS):  
NORTHING: 4365163.608  
EASTING: 579193.460

**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.

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

*Richard E. Adams*

	(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS	MINIMUM DEGREE OF ACCURACY: 1/2500	OPERATOR'S WELL #: JENNIE NEEL 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 #: 47 049 00170P 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: GRASSY RUN		ELEVATION: 1378.66'	
DISTRICT: UNION DISTRICT COUNTY: MARION		QUADRANGLE: FAIRMONT EAST	
SURFACE OWNER: KAREN A. AND JAMES N. NICHOLS		ACREAGE: 10.67±	
OIL & GAS ROYALTY OWNER: KAREN A. AND JAMES N. NICHOLS		ACREAGE: 39.00±	
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"/>			
CONVERT <input type="checkbox"/> PLUG & ABANDON <input checked="" type="checkbox"/> CLEAN OUT & REPLUG <input type="checkbox"/> OTHER CHANGE <input type="checkbox"/> (SPECIFY)			
TARGET FORMATION: BIG INJUN		ESTIMATED DEPTH: 1076' <b>05/26/2023</b>	
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 / PRODUCING WELLHEAD - - - LEASE BOUNDARY		REVISIONS:	DATE: 04-04-2023
			DRAWN BY: K.E.S.
			SCALE: 1" = 500'
			DRAWING NO: 324-513
			WELL LOCATION PLAT

Longitude: 80°02'30"



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

---

**Fwd: Message from KM\_C450i**

1 message

**McLaughlin, Jeffrey W** <jeffrey.w.mclaughlin@wv.gov>

Mon, May 22, 2023 at 11:22 AM

To: Matthew Yearsley <MYearsley@shafdrillers.com>, Kenneth L Greynolds <kenneth.l.greynolds@wv.gov>, James P Kennedy <james.p.kennedy@wv.gov>

Cc: mtrach@wvassessor.com

To All,

Please find the newly issued plugging permit for the Jennie Neel No. 1 well (Api No. 47-049-00170).

Regards,

Jeff McLaughlin, Technical Analyst  
WV DEP, Office of Oil and Gas

----- Forwarded message -----

From: <Copy.Center:2064@wv.gov>

Date: Mon, May 22, 2023 at 11:10 AM

Subject: Message from KM\_C450i

To: <jeffrey.w.mclaughlin@wv.gov>

---

 **SKM\_C450i23052211100.pdf**  
2684K