



west virginia department of environmental protection

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

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

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

UNKNOWN - DEP PAID PLUGGING CONTRACT
601 57TH STREET

CHARLESTON, WV 25304

Re: Permit approval for 2
47-033-00224-00-00

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: 2
Farm Name: FARIS, GEORGE T., ETAL
U.S. WELL NUMBER: 47-033-00224-00-00
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

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

21000002641

WW-4B
Rev. 2/01

1) Date _____, 2023
2) Operator's
Well No. G.T. Faris et. al. #2
3) API Well No. 47-033 - 00224

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 _____ or Underground storage _____) Deep _____ / Shallow _____

5) Location: Elevation 1035 Watershed Simpson Creek
District Simpson County Harrison Quadrangle Rosemont

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
Address 613 Broad Run Road
Jane Lew, WV 26378
9) Plugging Contractor Name Coastal Drilling East
Address 130 Meadow Ridge Road
Mt Morris, PA 15349

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 4 1/2" casing with fresh water. Check TD w/wireline.
Notify WV OGO inspector to discuss perforations and cut schedule., RU Wireline. Run CBL on 4 1/2" casing from 2279'- surface. Determine free point on 4 1/2" casing. (should be near 2079')
TIH w. tubing to 2320', set 200' Class L cement plug from 2320' to 2120'. TOOH w. tubing. WOC. Tag TOC., Cut 4 1/2" csg. At free point 4 1/2" TOO with casing.
TIH w. tubing to 2120', set 320' Class L cement plug from 2120' to 1800'. TOOH w. tubing. WOC. Tag TOC., Load hole with gel from 1800' to 1200'. WOC. Tag Cement plug.
TIH w. tubing to 1200', set 950' Class L cement plug 1200' to 250'., Attempt to pull 10 3/4" with 150% of string weight. Remove pipe if possible
If pipe does not pull notify WV OGO inspector to discuss perforate 10 3/4" csg., TIH w. tubing to 250', set 250' Class L cement plug 250' - surface.
Top off well to surface with solid cement as needed., Erect monument with API#, date plugged, and company name, Reclaim location based to WV DEP specifications.

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

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

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 4-14-23

05/26/2023

REMEDATION AND/OR PLUGGING WORK PLAN
(G.T. Faris et. al. #2)

Notify Inspector Specialist, Kenneth Greynolds @ 304.3146095. 613 Broad Run Road, Jane Lew, WV 26378.

1. Notify State Inspector, **Kenneth 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 4 1/2" casing with fresh water. Check TD w/wireline. Notify WV OGO inspector.
 5. Notify WV OGO inspector to discuss perforations and cut schedule.
 6. RU Wireline. Run CBL on 4 1/2" casing from 2279' - surface. Determine free point on 4 1/2" casing. (should be near 2079')
 7. TIH w. tubing to 2320', set 200' Class L cement plug from 2320' to 2120'. TOOH w. tubing. WOC. Tag TOC.
 8. Cut 4 1/2" csg. At free point 4 1/2" TOOH with casing.
 9. TIH w. tubing to 2120', set 320' Class L cement plug from 2120' to 1800'. TOOH w. tubing. WOC. Tag TOC.
 10. Load hole with gel from 1800' to 1200'. WOC. Tag Cement plug.
 11. TIH w. tubing to 1200', set 950' Class L cement plug 1200' to 250'.
 12. Attempt to pull 10 3/4" with 150% of string weight. Remove pipe if possible
 13. If pipe does not pull notify WV OGO inspector to discuss perforate 10 3/4" csg.
 14. TIH w. tubing to 250', set 250' Class L cement plug 250' - surface.
 15. Top off well to surface with solid cement as needed.
 16. Erect monument with API#, date plugged, and company name,
 17. Reclaim location and road to WV-DEP specifications.
- *6% Gel Spacers may be omitted and replaced with Class L cement plugs.

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Office of Oil and Gas

APR 19 2023

WV Department of
Environmental Protection



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 6

Quadrangle Fairmont

Permit No. HAR-224

WELL RECORD

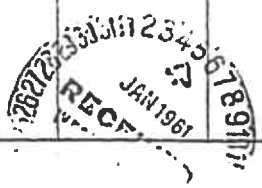
Oil or Gas Well O & G

Company Union Carbide Olefins Company
Address Bldg. 82/932, So. Chas., W. Va.
Farm George T. Faris, et al Acres 3.43
Location (waters) Simonsen Creek
Well No. 2 Elev 1035
District Simpson County Harrison
The surface of tract is owned in fee by George T. Faris, et al
Address Glenside, Pa.
Mineral rights are owned by Same
Address _____
Drilling commenced October 3, 1960
Drilling completed December 2, 1960
Date Shot From To _____
With _____
Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume Show BF 50 MCF AF Cu. Ft.
Rock Pressure 755 lbs. 14 Days hrs.
Oil One bbls., 1st 24 hrs.
WELL ACIDIZED 250 Gal Hyd Acid

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
10 19'6"		19'6"	
13 24'4"		24'4"	Size of
10 3/4 750'		Pulled	
8 5/8 1170'		Pulled	Depth set
5 3/16			
3 4-1/2 2279'		2279'	Perf. top <u>2167.5</u>
			Perf. bottom <u>2168.5</u>
			Perf. top <u>2172.5</u>
			Perf. bottom <u>2173.5</u>
			<u>2192 to 2196</u>

WELL FRACTURED December 2, 1960 22,000 Lbs Sand
RESULT AFTER TREATMENT 50 MCF AF
ROCK PRESSURE AFTER TREATMENT 755
Fresh Water 60 Feet Salt Water 280, 564 Feet 797

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Clay	Yellow	Soft	0	20			
Shale	Black	Soft	20	50			
Slate	White		50	75	Water	60'	
Shale	Red		75	85			
Slate			85	100			
Lime		Hard	100	160			
Slated Shells			150	183			
Little Dunkard		Hard	183	228	Oil & Gas	218	Smell
Slate			228	255			
Lime		Hard	255	316	Water	280	Exhausted
Big Dunkard			316	330			
Slate			330	335			
Lime		Hard	335	405			
Slate			405	417			
Lime		Hard	417	435			
Shale	Brown		435	448	Gas	440	Smell
Sand			448	453			
Slate			453	468			
Sand		Hard	468	492			
Slate			492	555			
Sand, 1st Salt		Hard	555	624	Water	564	Hole Full
Lime			624	640			
Sand, 2nd Salt			640	760	Water	797	Exhausted
Lime & Slate			760	800			
Slate			800	827			
Sand, 3rd Salt			827	890			
Shale	Red		890	940			
Lime			940	975			
Slate			975	1015			



(over)

Formation	Color	Hard or Soft	Top 6	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand, Maxon			1015	1040			
Slate&Shale	Red		1040	1090			
Slate			1090	1109			
Lime			1109	1123			
Pencil Care			1123	1130			
Little Lime			1130	1135			
Shale	Red		1135	1247			
Big Lime		Hard	1147	1249			
Sand, Keener		Hard&Fine	1249	1259			
Injun Sand		Hard	1259	1310			
Slate, Red							
Rock, Shells			1310	1338			
Lime		Hard	1338	1470			
Slate&Shells		Ha	1470	1477			
Lime		Hard	1477	1555			
Slate			1555	1558			
Lime	Black	Hard	1558	1644			
Sand			1644	1660			
Slate & Shells			1660	1667			
Sand, Berea			1667	1730			
Slate			1730	1732			
Sand		Hard	1732	1740			
Slate&Shells			1740	1744			
Sand		Hard	1744	1768			
Slate&Shells			1768	1804			
Lime			1804	1811			
Sand		Hard	1811	1848			
Slate			1848	1852			
Sand		Hard	1852	1865			
Red Rock			1865	1876			
Lime		Hard	1876	1880			
Sand		Hard	1880	1886			
Red Rock			1886	1904			
Sand	Red	Hard	1904	1930			
Slated Shells			1930	1961			
Red Rock&Shells			1961	1993			
Lime		Hard	1993	2007			
Red Rock&Slate			2007	2020			
Lime		Hard	2020	2040			
Sand			2040	2048			
Lime, Red Rock & Slate			2048	2061			
Sand			2061	2097			
Slate & Shells			2097	2104			
Lime, Grivity		Hard	2104	2127			
Slate&Shells			2147	2153			
Lime		Hard	2153	2156			
Sand-Fifth		Hard	2156	2203	Oil	2156	Show
Slate&Shells			2203	2226			
Red Rock			2226	2230			
Slate&Shells			2230	2320			
				TD 2320			
				PD 2247 (Flat Collar)			

Date December 31, 1960

APPROVED Union Carbide Olefins Company Owner

By K. R. Gosnell
 K. R. Gosnell (Title)
 District Production Engineer
 Natural Resources - Ohio-W. Va.

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

4703300224P

INSPECTOR'S WELL REPORT

Permit No. Har. 224

Oil or Gas Well _____
(KIND)

Company <u>Union Carbide Olefins Co.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Address <u>Charleston, W. Va.</u>	Size		
Farm <u>George T. Paris, et.al.</u>	16			Kind of Packer _____
Well No. <u>2</u>	13			
District <u>Simpson</u> County <u>Harrison</u>	10	244		Size of _____
Drilling commenced _____	8 1/2	750		
Drilling completed _____ Total depth _____	6 3/4			Depth set _____
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom _____
Volume _____ Cu. Ft.	Liners Used			Perf. top _____
Rock pressure _____ lbs _____ hrs.				Perf. bottom _____
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Fresh water <u>60 H.F.</u> feet <u>264</u> feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water <u>797</u> feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names W. R. Rinehart and Wayne Smith

Remarks:

Drilling at 1015'.

10/26/60

DATE

Ray C. Hays

DISTRICT WELL INSPECTOR



05/26/2023

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

Permit No. Har. 224

Oil or Gas Well _____
(KIND)

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<u>Union Carbide Olefins Co.</u>	Size			
<u>South Charleston, W. Va.</u>	16	19'		Kind of Packer _____
<u>George T. Faris et. al.</u>	13			
Well No. _____	10			Size of _____
District <u>Simpson</u> County <u>Harrison</u>	8 1/4			
Drilling commenced <u>10/3/60</u>	6 3/4			Depth set _____
Drilling completed _____ Total depth _____	5 3/16			
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. top _____
Volume _____ Cu. Ft.				Perf. bottom _____
Rock pressure _____ lbs _____ hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Oil _____ bbls., 1st 24 hrs.	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Fresh water <u>60 H.F.</u> feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names Wayne Smith and Woodrow Rinehart

Remarks:

Drilling at 185'.

10/7/60

DATE



Ray C. [Signature]

DISTRICT WELL INSPECTOR

05/26/2023

South Elevation

☉ 357°N (T) ● 39.271252°N, 80.217164°W ±13ft ▲ 1033ft



05/26/2023

South Elevation

☉ 3°N (T) ● 39.271240°N, 80.217182°W ±13ft ▲ 1048ft



08 Mar 2023 11:10:04

05/26/2023

WW-4A
Revised 6-07

1) Date: _____
 2) Operator's Well Number
 George T. Farris et. al. #2

 3) API Well No.: 47 - 033 - 00224

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

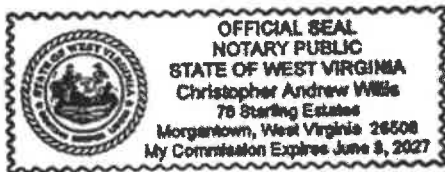
4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>Carolyn Harron</u>	Name _____
Address <u>P.O. Box 400</u>	Address _____
<u>Bridgeport, WV 26330</u>	
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>George T. Farris V</u>
	Address <u>46 Charla Lane</u>
	<u>Clarksburg, WV 26301</u>
(c) Name _____	Name _____
Address _____	Address _____
6) Inspector	(c) Coal Lessee with Declaration
Name <u>Kenneth Graynolds</u>	Name _____
Address <u>613 Broad Run Road</u>	Address _____
<u>Jane Lew, WV 26378</u>	
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	<u>Unknown- DEP Paid Plugging Contract</u>	RECEIVED
By:	<u>Matthew Yearsley</u>	Office of Oil and Gas
Its:	<u>Plugging Contractor</u>	APR 19 2023
Address	<u>130 Meadow Ridge Road</u>	
	<u>Mt Morris, PA 15349</u>	
Telephone	<u>304-291-0175</u>	WV Department of Environmental Protection

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

05/26/2023

4703300224P

G.T. FARIS #2
SUFFOLK

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

For delivery information, visit our website at www.usps.com

OFFICIAL USE
 Bridgewater WV 26330

Certified Mail Fee	\$4.15	0098
Extra Services & Fees (check box, add fee as appropriate)	\$7.75	17
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00	
<input type="checkbox"/> Return Receipt (electronic)	\$0.00	Postmark Here
<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	
Total Postage and Fees	\$9.72	04/17/2023

Sent To
 Carolyn Harmon
 Street and Apt. No., or PO Box No.
 P.O. Box 400
 City, State, ZIP+4®
 Bridgewater WV 26330

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

7022 2410 0002 1137 0389

G.T. FARIS #2
COAL

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

For delivery information, visit our website at www.usps.com

OFFICIAL USE
 Clarkburg WV 26301

Certified Mail Fee	\$4.15	0098
Extra Services & Fees (check box, add fee as appropriate)	\$7.75	17
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00	
<input type="checkbox"/> Return Receipt (electronic)	\$0.00	Postmark Here
<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	
Total Postage and Fees	\$9.72	04/17/2023

Sent To
 George T. Faris V
 Street and Apt. No., or PO Box No.
 46 Charla Lane
 City, State, ZIP+4®
 Clarkburg, WV 26301

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

7019 2970 0000 9288 9751

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

05/26/2023

Operator's Well
Number

G. T. Faris, et. al. #2

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW4-A

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

**NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.
WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:**

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

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

RECEIVED
Office of Oil and Gas

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

APR 19 2023

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.

WV Department of
Environmental Protection
FOR EXECUTION BY A CORPORATION,

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

05/26/2023

API No. 47-033-00224
 Farm Name G.T. Faris, et. al.
 Well No. #2

**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 _____

RECEIVED
Office of Oil and Gas

APR 19 2023

WV Department of
Environmental Protection

05/26/2023



April 17, 2023

CZS Development Group
90 Chateau Royal CT
Morgantown, WV 26505

Dear CZS Development Group:

Subject: Plugging permit modification for Class L cement
(S. Nixon S. Heirs #1-9)
CEC Project 324-513

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

Parcel Description: CZS DEVELOPMENT LLC
ID: 24-21-0027-0028-0000
DESC: 4.23 AC RT 73 BOOTHS CR: (PLAT 1278-692)

On behalf of Coastal Drilling East, LLC., Civil & Environmental Consultants, Inc. has submitted permits to permanently plug well API #47-049-00195 (S. Nixon Heirs #1-9) 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, APR 19 2023
Vice President

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west virginia department of environmental protection

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

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

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

**IN THE MATTER OF A VARIANCE FROM)
LEGISLATIVE RULE 35CSR4) ORDER NO. 2022-13
SECTION 14.1. AND LEGISLATIVE RULE)
35CSR8 SECTION 20.1,)
RELATING TO THE CEMENTING)
OF OIL AND GAS WELLS)**

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 monogramed by API is approved for use in place of API Class A cement for well plugging subject to the provisions of Legislative Rule 35CSR4 and Legislative Rule 35CSR8.

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

IN THE NAME OF THE STATE OF WEST VIRGINIA

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



James Martin, Chief
Office of Oil and Gas

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DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

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) Simpson Creek Quadrangle Rosemont

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 bore

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 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.

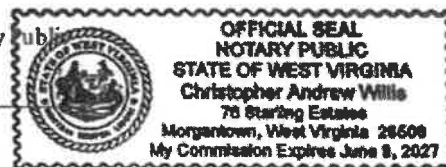
I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is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

Company Official Signature *Matthew A. Yoursley* APR 19 2023
 Company Official (Typed Name) Matthew A. Yoursley WV Department of
 Company Official Title Business Operations Manager Environmental Protection

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

Christopher A. Willis Notary Public

My commission expires June 8, 2027



Proposed Revegetation Treatment: Acres Disturbed 0.33 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
<u>*see attached</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: Thomas L. Reynolds

Comments: RECLAIM, SEED + MULCH ASAP

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Environmental Protection

Title: OIL + GAS INSPECTOR Date: 4-14-23

Field Reviewed? () Yes () No

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ACCESS TO THE WELL SITE WILL BE GAINED USING AN EXISTING ACCESS ROAD OFF OF GREEN VALLEY ROAD. 638 FEET OF EXISTING 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.

ORAL FISHING CLUB
15-2314-55

JOHN E. AND BONNIE
J. BURTON
15-310-64

HARRISON RURAL
ELECTRIFICATION
15-310-70



NOTE:
INSTALL CULVERTS AS SHOWN OR AS CONDITIONS REQUIRE.

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 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..

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..

CAROLYN S. HARRON
15-330-3

MARY LOU MIDDAGH
15-310-88

45' @ -5% -10%
175' SPACING
PROPOSED
ACCESS

58' @ -5%
300' SPACING
PROPOSED
ACCESS

515' @ -5%
300' SPACING
PROPOSED
ACCESS

20' @ 0-5%
300' SPACING
PROPOSED
ACCESS

GAS WELL
00224

50'x100'
PAD

KEDS LLC & C E
COMPTON TRUST ET
AL
15-330-7.1

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ROAD	SLOPE	CROSS DRAINS
1	0 TO 5%	AS NEEDED
2	-5 TO -10%	AS NEEDED
3	0 TO -5%	AS NEEDED
4	0 TO 5%	AS NEEDED

638 FEET OF EXISTING ACCESS ROAD

NOT TO SCALE

05/26/2023

LEGEND:

- EXISTING / PRODUCING WELLHEAD
- EXISTING POWER POLE
- DIVERSION DITCH
- TREE

- SILT FENCE
- OVERHEAD ELECTRIC
- PARCEL LINE
- TREE LINE
- ACCESS
- DITCH LINE

NOTES

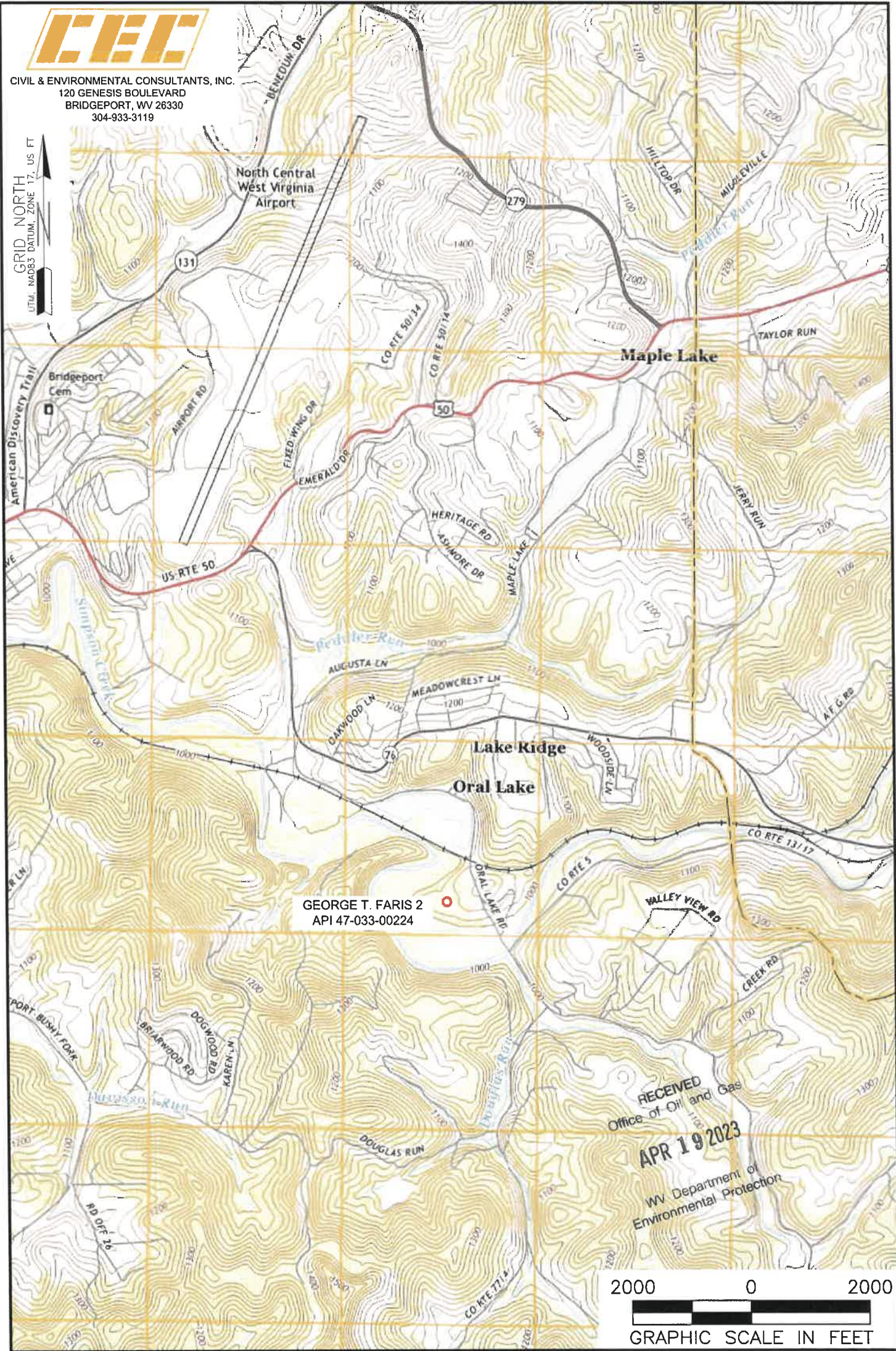
- 1. NO PIT WILL BE CONSTRUCTED. TANKS WILL BE USED FOR FLUIDS.

WELL OPERATOR: UNKNOWN-DEP PAID PLUGGING CONTRACT WVDEP	WELL (FARM) NAME: GEORGE T. FARIS	WELL # 2
ADDRESS: 601 57TH STREET, SE CHARLESTON, WV 25304	COUNTY - CODE MARION - 033	DISTRICT; SIMPSON DISTRICT
SURFACE OWNER: CAROLYN S. HARRON	USGS 7 1/2 QUADRANGLE MAP NAME ROSEMONT, WV	



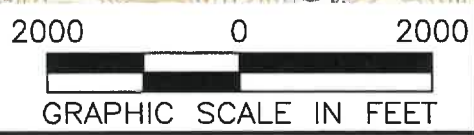
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.
 120 GENESIS BOULEVARD
 BRIDGEPORT, WV 26330
 304-933-3119

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



GEORGE T. FARIS 2
 API 47-033-00224

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 Environmental Protection



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.

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 LEGEND:
 EXISTING SURFACE HOLE

--- ACCESS ROAD

WELL OPERATOR: UNKNOWN-DEP PAID PLUGGING CONTRACT WVDEP	WELL (FARM) NAME: GEORGE T. FARIS	WELL # 2
ADDRESS: 601 57TH STREET, SE, CHARLESTON, WV 25304	COUNTY - CODE MARION - 033	DISTRICT; SIMPSON DISTRICT
SURFACE OWNER: CAROLYN S. HARRON 342.57 ACRES±	USGS 7 1/2 QUADRANGLE MAP NAME ROSEMONT, WV	

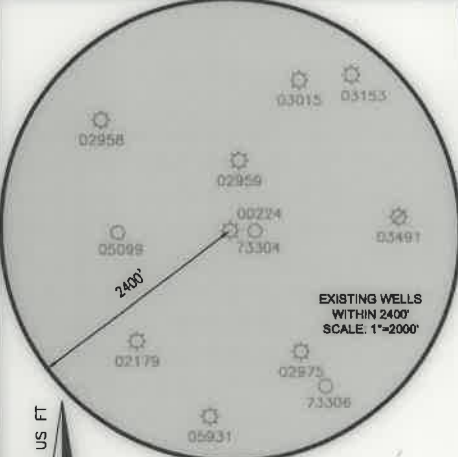


CIVIL & ENVIRONMENTAL CONSULTANTS, INC.
120 GENESIS BOULEVARD
BRIDGEPORT, WV 26330
304-933-3119

JOHN E. AND
BONNIE J. BURTON
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HARRISON RURAL
ELECTRIFICATION
15-310-70

MARY LOU
MIDDAUGH
15-310-88



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

DOUGLAS P. WHYTE
15-330-1

JASON T. AND JANICE L.
JOHNSON
15-2423-77

MICHAEL S. AND CHRISTY
D. HORNE
15-2423-67

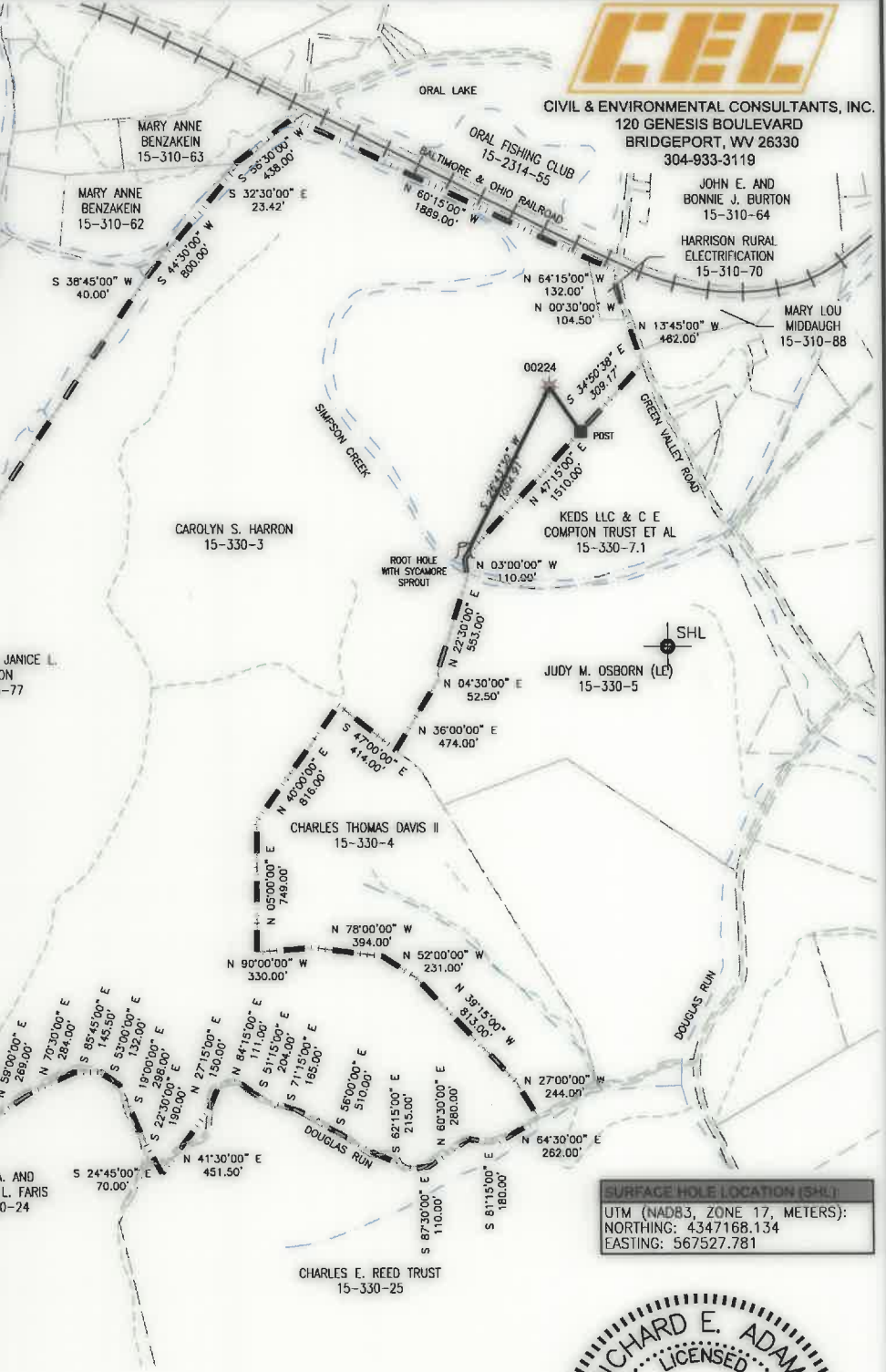
PAULA A. MCCABE AND
CHRISTOPHER A. SLATON
15-2423-63

MICHAEL A. III AND
CARRIE E. HAZEY
15-2423-82

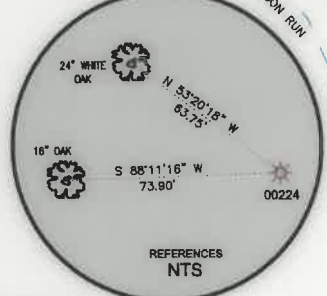
RODNEY LYNN AND
ALLISON LYNN
ADLINGTON
15-2423-52

THOMAS H. AND
JONALEE A. MICHEL
15-330-24.2

CAROLYN S.
HARRON
15-330-24.1



Longitude: 80°12'30" SURFACE HOLE 7444'

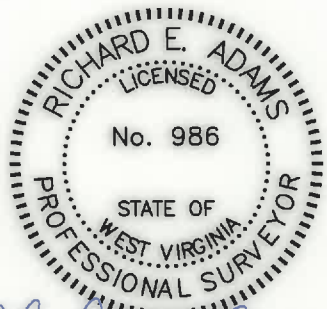


SURFACE HOLE LOCATION (SHL)
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4347168.134
EASTING: 567527.781

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.



Richard E. Adams

P.S. 986

<p>(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS</p> <p>WVDEP OFFICE OF OIL & GAS 601 57TH STREET CHARLESTON, WV 25034</p>	MINIMUM DEGREE OF ACCURACY: 1/2500	OPERATOR'S WELL #: GEORGE T. FARIS 2
	PROVEN SOURCE OF ELEVATION: SURVEY GRADE GPS (NAVD 88, US FT)	API WELL #: 47 033 00224P
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: SIMPSON CREEK	ELEVATION: 1033.43
DISTRICT: SIMPSON DISTRICT	COUNTY: HARRISON	QUADRANGLE: ROSEMONT
SURFACE OWNER: CAROLYN S. HARRON	OIL & GAS ROYALTY OWNER: GEORGE T. FARIS V	ACREAGE: 342.57± ACREAGE: 343.57±
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)	ESTIMATED DEPTH: 2520
TARGET FORMATION: FIFTH	WELL OPERATOR: UNKNOWN-DEP PAID PLUGGING CONTRACT WVDEP	DESIGNATED AGENT: H. JASON HARMON
ADDRESS: 601 57TH STREET, SE	CITY: CHARLESTON STATE: WV ZIP CODE: 25304	ADDRESS: 601 57TH STREET, SE
CITY: CHARLESTON STATE: WV ZIP CODE: 25304	CITY: CHARLESTON STATE: WV ZIP CODE: 25304	CITY: CHARLESTON STATE: WV ZIP CODE: 25304
LEGEND: EXISTING / PRODUCING WELLHEAD LEASE BOUNDARY	REVISIONS:	DATE: 04-05-2023
		DRAWN BY: K.E.S. SCALE: 1" = 500' DRAWING NO: 324-513 WELL LOCATION PLAT



April 17, 2023

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

RE: Plugging Permit Applications: 47-033-00224 (G.T. Faris et. al. #2), 47-049-00170 (Jennie Neel #1) and 47-049-00195 (S.Nixon Heirs #1-9)

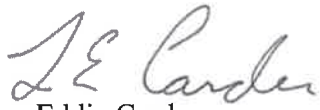
CEC Project # 324-513

Dear Mr. Harmon:

On behalf of Coastal Drilling East, please find the enclosed plugging applications for the 47-033-00224, 47-049-00170 and 47-049-00195.

Please feel free to contact me at (304) 629-6309 or 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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WV Department of
Environmental Protection

05/26/2023



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 2:02 PM

To: Matthew Yearsley <MYearsley@shafdrillers.com>, Kenneth L Greynolds <kenneth.l.greynolds@wv.gov>, James P Kennedy <james.p.kennedy@wv.gov>
Cc: romano2@harrisoncountywv.com

To All:

Please find attached the recently issued plugging permit for the Georget. Farris, Etal Well No. 2 (API No. 47-033-00224).

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 1:55 PM
Subject: Message from KM_C450i
To: <jeffrey.w.mclaughlin@wv.gov>



SKM_C450i23052213550.pdf
2479K