

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

Tuesday, May 30, 2023
WELL WORK PLUGGING PERMIT
Vertical Plugging

UNKNOWN - DEP PAID PLUGGING CONTRACT 601 57TH STREET

CHARLESTON, WV 25304

Re:

Permit approval for 1 47-001-00436-00-00

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: CLEAVENGER, ADA M.

U.S. WELL NUMBER: 47-001-00436-00-00

Vertical Plugging Date Issued: 5/30/2023

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.

1) Date	Ma	v 2	,	20 23	
2)Oper	ator	IS			
Well	No.	Ada M.	Clevenger#1		
3) APT	Well	No.	47 - 001	- 00436	

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

4) Well Type: Oil/ Gas x/ Liquid injection/ Waste disposal/	(If "Gas, Production x or Underground storage) Deep/ Shallow		APPLICATION FOR A PERM	IIT TO PLUG AND ABANDON
5) Location: Elevation District Union County Barbour Quadrangle Audra District 6) Well Operator Address 601 57th Street, SE Charleston, WV 25304 8) Oil and Gas Inspector to be notified Name Randy Kirchberg Address 281 Macedonia Road Buckhannon, WV 26201 10) Work Order: The work order for the manner of plugging this well is as follows: See attached.	5) Location: Elevation 1575 District Union (County Barbour Quadrangle Audra District Quadrangle Audra District Quadrangle Audra District Quadrangle Audra District (County Barbour Quadrangle Audra District Quadrangle Audra District (County Barbour (County Barbour (County Barbour Quadrangle Audra District (County Barbour (County Barb	4)	Well Type: Oil/ Gas \underline{x} / Liquid	injection/ Waste disposal/
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Charleston, WV 25304 8) Oil and Gas Inspector to be notified Name Randy Kirchberg Address 281 Macedonia Road Buckhannon, WV 26201 Work Order: The work order for the manner of plugging this well is as follows: See attached. Charleston, WV 25304 Plugging Contractor Name Coastal Drilling East Address 130 Meadow Ridge Rd. Mount Morris, PA 15349 RECEIVED	Charleston, WV 25304 8) Oil and Gas Inspector to be notified Name Randy Kirchberg Address 281 Macedonia Road Buckhannon, WV 26201 10) Work Order: The work order for the manner of plugging this well is as follows: See attached. RECEIVED Office of Oil and Gas MAY 0 3 2023 WV Department of	6)	Address 601 57th Street, SE	Address 601 57th Street, SE
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06/02/2023



STATE OF WEST VIRGINIA DEPARTMENT OF MINES OIL AND GAS DIVISION

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Spuäder	Z
Cable Tools	
Storage	

Quadrangle Phillipi

WELL RECORD

Oil or Gas Well Gas

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Coastal Drilling East LLC • 130 Meadow Ridge Road, Mt. Morris, PA 15349

Phone 304-291-0175 Fax 304-413-0061

"A Shaft Drillers International Company"

PLUGGING PROGNOSIS

J.L. Trittipo & N.G. Clark Barbour County, WV District, Union API # 47-001-00436

BY: Hunter Deremer DATE: 02/27/23

CURRENT STATUS:

Elevation @ 1575'

TD: 1474' (may be shallower based on well records) Drilled in 1969

16" Casing @ 16' 10" Casing @ 588' 8 1/4" Casing @ 1275' 2" Casing @ 1385'

RECEIVED Office of Oil and Gas

MAY 0 3 2023

Fresh Water @ 97-100'

RANDY KIRCHBERG 681-781-9890

- 1. Notify State Inspector, Sam Ward 304-389-7583, 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 8 1/4" casing with fresh water. Check TD w/wireline. Notify WV OGO inspector.
- 5. Work and remove 2" casing and packer.
- 6. RU Wireline. Run CBL on 8 1/4" casing from 1275'- surface. Determine free point on 8 1/4" casing.
- 7. Notify WV OGO inspector to discuss perforations and cut schedule.
- 8. TIH w. tubing to 1474', set 474' Class L cement plug from 1474' to 1000'. TOOH w. tubing. WOC. Tag TOC.
- 9. Cut 8 1/4" csg. At free point 8 1/4 TOOH with casing.
- 10. Attempt to pull 10" casing with 150% of string weight. Remove if possible.
- 11. If unable to remove notify WV OGO inspector to discuss perforations.
- 12. TIH w. tubing to 1000', set 300' Class L cement plug from 1000' to 700'. TOOH w. tubing. WOC. Tag TOC.
- 13. TIH w. tubing to 700', set 700' Class L cement plug 700' to 0'. (Fresh Water @ 97'-100')
- 14. Top off well to surface with solid cement as needed.
- 15. Erect monument with API#, date plugged, and company name,
- 16. Reclaim location and road to WV-DEP specifications. *6% Gel Spacers may be omitted and replaced with Class L cement plugs.

WW-4A Revised 6-07

1) Date:	May 2	2,2023	
2) Operator's	Well Numbe	er	
Ada M. Clevenger #1			
gc. #1			

001

00436

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

3) API Well No.: 47 -

(a) Name	vner(s) to be served: Walter and Terry Hyland	5) (a) Coal Operator Name	•	
Address	156 Adams Road	Address		
(b) Name	Port Deposit, MD 21904		-	
Address		(b) Coal Ow	mer(s) with Declaration	
		Name	Gretchen G. Cleavenger	
		Address	4375 Carrolton Road	
(c) Name			Volga, WV 26238	
Address		Name Address		
		- Indiress		
Inspector	Randy Kirchberg	(c) Coal Los	see with Declaration	
Address	281 Macedonia Road	Name		
	Buckhannon, WV 26201	Address	CDX Gas, LLC	
Telephone	(681) 781-9890	Address	110 Wyoming Street, Suite 101	
			Charleston, WV 25302	

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

- The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the
 The plat (comment of 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.

Morgantown, WV 26508 My Commission Expires August 17, 2025	Well Operator By: Its: Address	Unknown- DEP Paid Plugging Contract Matthew Yearsley Plutting Contractor 130 Meadow Ridge Road Mt. Morris, PA 15349	RECEIVED
	Telephone	304-291-0175	Office of Oil and Gas
Subscribed and sworn before me this	19 th day	y of April 2023	MAY 0 3 2023
My Commission Expires	7 17,	Notary Public	Environmental Protection
Oil and Gas Privacy Notice			

The Office of Oil and Gas processes your personal information, such as name, address and phone number, as a part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use of your personal information, please contact DEP's Chief Privacy Officer at depprivacyoffier@wv.gov.

Ada M. Clevenger #1 (API# 47-001-00436) To: Walter and Terry Hyland Surface Owner, Proof of Application sent by Certified Mail

1464	U.S. Postal Service™ CERTIFIED MAIL® REC Domestic Mail Only For delivery Information, visit our website	
0	Pope Uppopet DB 21906	USE
1137	Certified Mail Fee \$4,15 \$ \$3.35 Extra Services & Fees (check box, edd fee as appropriate)	0098 04
5000	Return Receipt (hurdcopy) \$ \$0.00 Return Receipt (electronic) \$ \$0.00 Certified Meil Restricted Delivery \$ \$0.00 Adult Signature Required \$ \$ \$0.00 Adult Signature Restricted Delivery \$	Postmark Here
2470	Postage \$2.46 \$ Total Postage and Feet . 96 \$	05/02/2023
7022	Street and Apr. No., or the top Ma. Street and Apr. No., or the top Ma. Str. Udams Ford City, Street Days on the Court W. 2191)4
	PS Form 3800, April 2015 PSN 7530-02-000-9047	See Reverse for Instructions

RECEIVED Office of Oil and Gas

MAY 0 3 2023

Ada M. Cleaveanger #1 (API# 47-001-00436) To: Gretchen Cleavenger Coal Owner with Declaration, Proof of Application sent by Certified Mail

7.1	U.S. Postal Service™ CERTIFIED MAIL® RECE Domestic Mail Only	
10	For delivery information, visit our website	USE
TIT	Certified Mall Fee \$4.15	0098
11 5000	Setria Services & Fees (check bax, add fee as appoint(ate) Return Receipt (hardcopy) Seturn Receipt (electronic) Single Certified Mall Restricted Delivery Adult Signature Required Adult Signature Restricted Delivery Single Adult Signature Restricted Delivery Single Adult Signature Restricted Delivery Single Single Single Single Single Single Single Si	Postmark Here
2470	Postage \$2.22 \$ Total Postage and Fees \$9.72	05/02/2023
7022	Gretchen G. Clevenser 43 15 Carrollon Road	
	PS For n 3 a00, April 2015 PSN 7530-02-000-9047	See Reverse for Instructions

RECEIVED
Office of Oil and Gas

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Ada M. Cleavenger #1 (API# 47-001-00436) To: CDX Gas LLC Coal Lessee, Proof of Application sent by Certified Mail

0488	U.S. Postal Service [™] CERTIFIED MAIL [®] REC Domestic Mail Only	
0	For delivery information, visit our website	at www.usps.com
37	Christian See \$4.15	USE
113	Extra Services & Fues (these box and he services	0098 04
000	Return Receipt (electronic) \$\\$(\) \(\) \(Postmark Here
	Postage \$2.22 Total Postage and Fees \$9.72	05/02/2023
7022	Street and Apr No. of PO BOLMO. Street and Apr No. of PO BOLMO. STREET STREET SUIT SUIT SUIT SUIT SUIT SUIT SUIT SUI	K IDI See Reverse for Instructions

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Office of Oil and Gas

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May 2, 2023

Walter and Terry Hyland 156 Adams Road Port Deposit, MD 21904

Dear Walter and Terry Hyland:

Subject:

DEP-Paid Plugging Contract

Plugging permit modification for Class L cement Ada M. Clevenger #1 (API No. 47-001-00436)

CEC Project No. 324-513

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

Parcel Description:

HYLAND WALTER E & Terry L WS

ID: 01-10-0014-0020-0000

DESC: 74.94 SUR; FIRST BIG RUN

On behalf of Coastal Drilling East, LLC., Civil & Environmental Consultants, Inc. has submitted permits to permanently plug well API No. 47-001-00436 (Ada M. Clevenger #1) 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.

Respectively,

CIVIL & ENVIRONMENTAL CONSULTANTS, INC.

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WV Department of nvironmental Protection

Eddie Carder

Senior Project Manager

Brittany Hedrick Project Manager I Civil & Environmental Consultants, Inc. CEC Project 324-513
Page 2

May 2, 2023

REMEDIATION AND/OR PLUGGING WORK PLAN

(Ada M. Clevenger #1 / API No. 47-001-00436)

Notify Inspector, Randy Kirchberg at (304) 314-6095. 281 Macedonia Road Buckhannon, WV 26201. Notification is required 24 hours prior to commencing plugging operations.

Randy Kirchberg 681-781-9897

- 1. Notify State Inspector, Sam Ward 304-389-7583, 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 8 1/4" casing with fresh water. Check TD

w/wireline. Notify WV OGO inspector.

- 5. Work and remove 2" casing and packer.
- 6. RU Wireline. Run CBL on 8 1/4" casing from 1275'- surface. Determine free point on 8 1/4" casing.
- 7. Notify WV OGO inspector to discuss perforations and cut schedule.
- 8. TIH w. tubing to 1474', set 474' Class L cement plug from 1474' to 1000'. TOOH w. tubing. WOC. Tag TOC.
- 9. Cut 8 1/4" csg. At free point 8 1/4 TOOH with casing.
- 10. Attempt to pull 10" casing with 150% of string weight. Remove if possible.
- 11. If unable to remove notify WV OGO inspector to discuss perforations.
- 12. TIH w. tubing to 1000', set 300' Class L cement plug from 1000' to 700'. TOOH w. tubing. WOC. Tag TOC.
- 13. TIH w. tubing to 700', set 700' Class L cement plug 700' to 0'. (Fresh Water @ 97'-100')
- 14. Top off well to surface with solid cement as needed.
- 15. Erect monument with API#, date plugged, and company name,
- 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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MAY 0 3 2023



west virginia department of environmental protection

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

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

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

IN THE MATTER OF A VARIANCE FROM LEGISLATIVE RULE 35CSR4 SECTION 14.1. AND LEGISLATIVE RULE 35CSR8 SECTION 20.1, RELATING TO THE CEMENTING OF OIL AND GAS WELLS)	ORDER NO.	2022-13
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 AMAY 0 3 2023 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.

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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Office of Öil and Gas

MAY 0 3 2023

SURFACE OWNER WAIVER

Operator's Well Number

Ada M. Clevenger #1(47-001-00436)

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

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

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

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

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

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

VOLUNTARY STATEMENT OF NO OBJECTION

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

I further state that I have reobjection to a permit being issued on FOR EXECUTION BY A NATURAL ETC.	onobe materials.	he planned wor		hese materials East I have no Office of Oil and Gas UTION BYAY CORPORATION,
	Date	Name	. <u></u> .	WV Department of Environmental Protection
Signature		$\mathbf{B}\mathbf{y}$		
		Its		Date
			Signature	06/02/2023

API No.	47-001-00436
Farm Name	
Well No.	Ada M. Clevenger #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 then 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	
has examined this proposed plugging wo	ork order. The undersigned ha ll operator has complied with	/ of the coal under this well location s no objection to the work proposed to be all applicable requirements of the West
Date:		
	By:	
	Its	RECEIVED Office of Oil and Gas
		MAY 0 3 2023
		WV Department of

Environmental Protection

API Number	47 - 001	. 00436	
Operator's W	ell No Ada M	I. Clevenger #1	

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

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

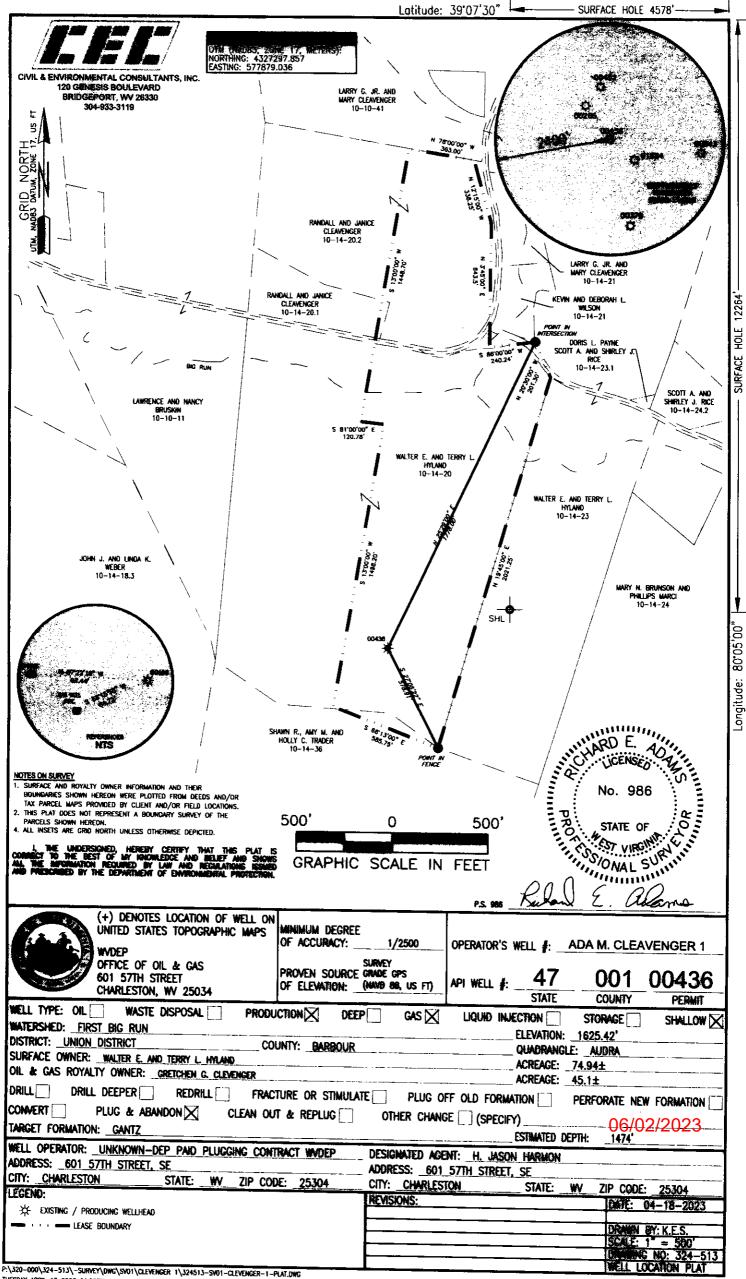
Operator Name_Unknown-DEP Paid Plugging Contact OP of	Code
Watershed (HUC 10) Big Run Quadrangle Audra	District
Do you anticipate using more than 5,000 bbls of water to complete the proposed well wo	
Will a pit be used? Yes No V	
If so, please describe anticipated pit waste:	
Will a synthetic liner be used in the pit? Yes No V If so, wh	at 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 the	rough well and be returned back to tank
Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil b	pased, etc. Fresh water gel and /or coment
-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, sav	wdust)
-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 cul West Virginia solid waste facility. The notice shall be provided within 24 hours of rejecti where it was properly disposed.	ttings or associated waste rejected at any ion and the permittee shall also disclose
I certify that I understand and agree to the terms and conditions of the CENERA on April 1, 2016, by the Office of Oil and Gas of the West Virginia Department of Environments of the permit are enforceable by law. Violations of any term or condition of the or regulation can lead to enforcement action. I certify under penalty of law that I have personally examined and am family application form and all attachments thereto and that, based on my inquiry of those individue information, I believe that the information is true, accurate, and complete. I am assubmitting false information, including the possibility of fine or imprisonment.	ironmental Protection. I understand that the segmental permit and/or other applicable law siar with the information submitted on this iduals immediately responsible for obtaining
Company Official Signature Thunk from the first of the fi	RECEIVED
Company Official (Typed Name) Matthe A. Your Hay	Office of Oil and Gas
Company Official Title Busings Operations Manager	MAY 0 3 2023
·	WV Department of
Subscribed and sworn before me this 19th day of Aril	20 23 Protection
	OFFICIAL SEAL
My commission expires August 17, 2025	Notary PUBLIC STATE OF WEST VIRGINIA Mike Savage 146 Landing Drive Morganiown, WV 28508

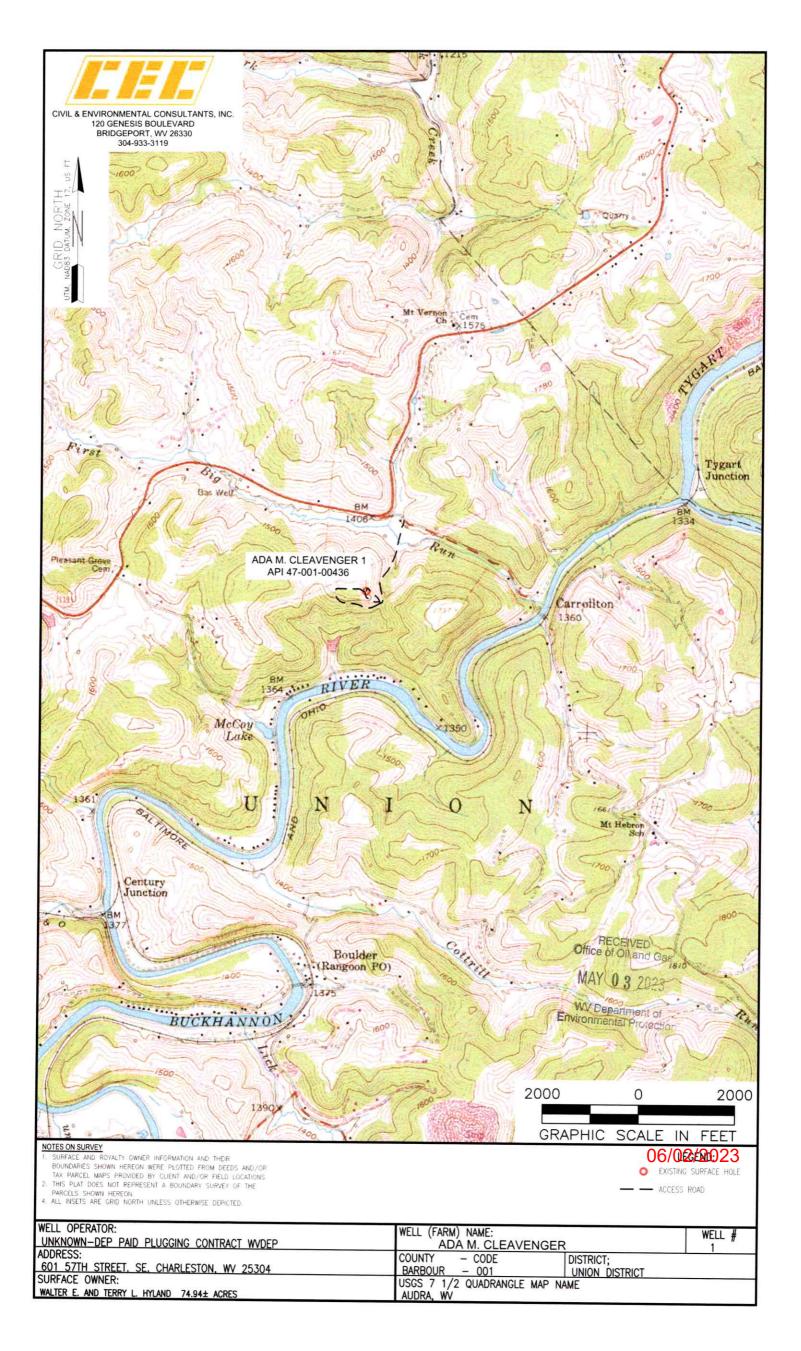
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Lime	Tons/acre or to c	orrect to pH		
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Fertilizer amount_5	500	lbs/acre		(48)
Mulch 2		Tons/acre		
		Seed Mixtures		
To	emporary		Perma	nent
Seed Type See Attached	lbs/acre		Seed Type	lbs/acre
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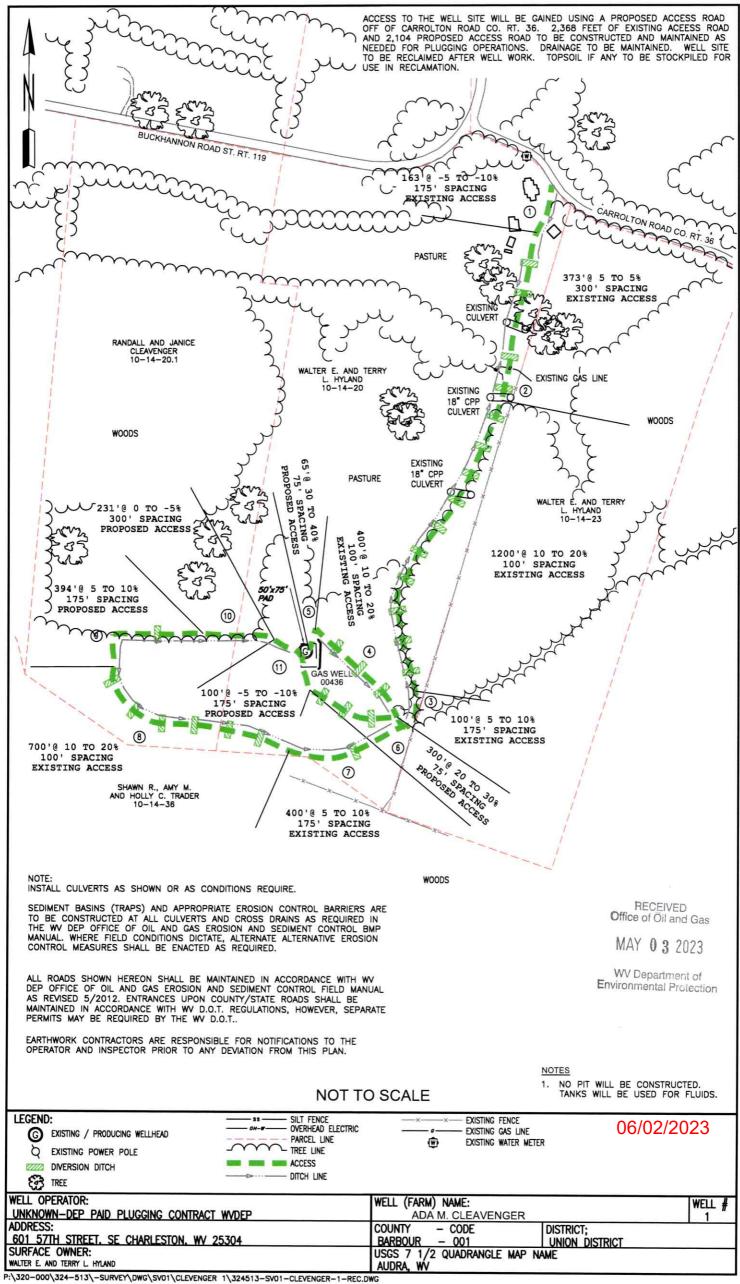
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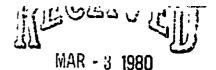




STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AM . SAS WELLS DIVISION



OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No 60/-09	<u> 1</u> 36			Oil or Ga;	Well (i.H.5
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Roles & St. 06/02/20235 //

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES



INSPECTOR'S WELL REPORT

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Permit	No BAK	·406

Company J. L. Tretting & N.C. Clox	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKER	5
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Ferm DUA M CHADVANGER	16		<u>:</u>	Kind of Packer	:
Well No	10			Size of	
District Linicit County Bischer	61/4		<u> </u>		
Drilling commenced	6%		<u> </u>	Depth set	
Drilling completedTotal depth	5 3/16			Perf. tap	
Date shotDepth of shot	2			Perf. botton_	
f-itial open flow/19ths Water inInch	Liners Used	<u> </u>	<u> </u>	Perf. top	
Open flow after tubing/10ths Merc. inInch				Perf. bottom	
VolumeCu. Ft.	CASING CEME	NTED	SIZE	No. FT	Date
Rock pressurelbshrs.	NAME OF SE	RVICE COMP	ANY		
Oilbbls., 1st 24 hrs.	COAL WAS E	NCOUNTERE	AT	PEET	INCHES
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Drillers' Names	·				
Remarks: Well Turned in Line.	No Los	Ki Lo	edtion	1 Clear	,
Remarks: Well Turned in Line. Final Kapakt				RECEIVE Office of Oil ar	ED ad Gas
BOND CANCELLOD				MAY 03	
PTURNED TO WOLL OPERATOR AND	r ir puncipai	i.		WV Departme	



State of Mest Birginia

Pepartment of Mines Gil und Gus Pivision Charleston 5

May 19, 1969

J. L. Trittipo & N. G. Clark 1111 Nelson Bldg Charleston, West Virginia 25301

IN RE:	Permit _	BAR-436
	Farm	Ada M. Cleavenger
	Well No.	
	District	Union
	County _	Barhour

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,

RECEIVED
Office of Öil and Gas

MAY **0 3** 2023

WV Department of

Environmental Protection

Deputy Director
Oil and Gas Mells Division

• ;



PORM 08 1 . .

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

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

	D LOCATION OF OIL AND GAS WELL	
To THE DEPARTMENT OF MINES, Charleston, W. Va.		
Mrs. Ruth Woods Dayton	J. L. Trittipo and N. G. Clark	
S Harry V. Campbell, Esc	NAME OF WELL OFFRATOR	İ
- Davton, Cambbell, Esquir	ce 1111 Nelson Bldg., Charleston, W	. Va.
ADORESE	COMPLETE ACCRES	1
Security Bldg. Charleston, W. Va.	Seb. 10, 19 69	
COAL OPERATOR OR COAL DWINER	PROPOSED LOCATION	1
		1
ADDASSE	Union District	}
Ada M. Cleavenger	Barbour County]
OWNER OF HINERAL RIGHTS		
% Orpha Meats, Agent	Well No. 1	1
Rt. 5, Box 103, Fairmont	t. Wa. Va.	
_	Ada II. Cloavenger Ferm	
GENTLEMEN:	Elevation 1575 Acres 45.1	1
	entitled to drill upon the above named farm or tract of land for	1
oil and gas, having fee title thereto, for	as the case may be) under grant or lease dated	
Nov. 10, 1966	madeby Ada M. Cleavenger to	}
Consolidated Gas Supply C	(Thence to J. L. Trittino) (Areamentatin), and recorded on the lath day (Nov. 12, 1968)	
ot_Nov. 1965	(NOV. 12, 1968)	
Bool126 page 228		
to be diffied for oil and gas by the flude	a competent engineer and shows the proposed location of a well ersigned well operator on the farm and in the Magisterial District y survey and courses and distances from two permanent points, or	
of coal figurests said farm of tract of lan	informed and believes there are no coal operators operating beds and on which said well is located, or within 500 feet of one bound-beir workings and filed their maps as required by law, excepting the above named as addressees.	
the drilling of a well at said proposed location, the drilling of a well at said proposed loc coal mines, must be received by, or filed a copy of this notice and accompanying that forms for use in making such objec- on request and that all such objections m	coal owners (it any) are notified that any objections they may, or which they are required to make by Section 3 of said Code, if cation will cause a dangerous condition in or about their respective with the Department of Mines within ten® days from the receipt of plat by said Department. Said coal operators are further notified cotions will be furnished to them by the Department of Mines promptly just set forth as definitely as is reasonably possible the ground or d and indicate the direction and distance the proposed location should	
(The next paragraph is to be co	empleted only in Department's copy.)	1
	sed plat were mailed by registered mail, or delivered to the above)
named coal operators or coal owners at or on the same day with the mailing a West Virginia.	their above shown respective address. 2-10-60. day. before, delivery of this copy to the Department of Mines at Charleston,	
60131415165	Very truly yours,	i
A PARTIES AND A	(Sign Name) 77 St Clashs	ł
E CONTRACTOR (SA)	WELL OPERATOR	RECEIVED
FEB 1969	llli Nelson Bldg.	Office of Oil and Ga
6 1	Address	MAY
The Mark of Mines All	Vell Operator Charleston.	MAY 0 3 2023
1825	CITT OR TOWN	144/0
LECT. 63.81 13.35	West Virginia E	WV Department of Ovironmental Protection
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"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 overators 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 BOIN

BAR-436 PERMIT NUMBER 6/02/202 2-14 69

JUN 8 h 1977 State of Wast Verginia. Department of Mines Oll and Das Division Capital Building Charleston, Wa. 25305 attention. Mr. Rabert Dadd. Heart advise how right for current leave can the abstained for a growing of my peoperty in Umin Historich Buther County. There is currently or non aperating well in equation which was duitled in 1969 Ly Clarke and Stilleger This have dulid for a 430000 per generation peid for Sins Then left apen and mon producing sien that 06/02/2023 limis .

The well sight har never heer completed and so running over two acres Sincerely from. Strack Cleanings Rt. 1, Box 150 Volga, W.Va. 26235 INFORMATION MEMO PERSONAL ALL REJURNING YOR RECEIVED Office of Oil and Gas MILL CALL AGAIN CALIDIOSE YOU APPOINTMENT WITH MAY 0 3 2023 PLLAN REMARAS/MENSAGEN: COMMENT WV Department of Me. Intless will Environmental Protection □ No.11 Date at send in another ■ INVESTIGATE □ TALL METSSAN ACTION ☐ EXPLAIN APPROVI RESISE PRIPARE RIPEY FOR REPLY DIRECTES ROLES TO ۸ND □ FILE 02/2023

STATE OF WEST VINGINIA



west virginia department of environmental protection

Office of Oil and Gas 601 57th Street, S.E. Charleston, WV 25304 Phone: (304) 926-0450 Fax: (304) 926-0452 Harold D. Ward, Cabinet Secretary dep.wv.gov

May 3, 2023

Coastal Drilling East LLC 130 Meadow Ridge Rd Mt. Morris, PA 15349

Re:

Multi-Well Federal Plugging Contract Region VII

Change Order No. 2

Contract APO DEP23*255

Under Contract APO DEP23*255, DEP awarded the three of the original five alternate well plugging options within Contract Region VII. To make full use of certain grant funding through the BIL, the Office of Oil and Gas (OOG) is interested in modifying Contract APO DEP23*255 through this change order. This modification will add the remaining two alternates at the original bid price of one hundred twenty-seven thousand dollars (\$127,000) per well. In doing so, the Contract APO will encompass the seventeen (17) original wells plus all five add alternates for a total of twenty-two (22) wells. COASTAL DRILLING EAST LLC, will provide a bond rider to increase the original performance bond amount by two hundred fifty-four thousand dollars (\$254,000) for a total of two million seven hundred ninety-four thousand dollars (\$2,794,000).

The undersigned below acknowledge and agree to the contract modification discussed above allowing for the addition of two wells to the awarded contract.

Contractor:	COASTAL DRILLING EAST LLC
Signature:	
Date:	,
Office of Oil	and Gas
Signature:	Lyn/al
Date:	5-3-23

STATE OF WEST VIRGINIA

DEFARTMENT OF MINES OIL AND GAS WELLS DIVISION

INSPECTOR'S WELL REPORT

Permit No. 1: 22-436			Oil or (KIN	Gas Well	
Company J. Pritti o & M.G. Mark	CASING AND TUBING	DRILLING DRILLING	LEFT IN WELL	PACKE	RS
Address 1111 Relgon Bldg.Charleston,	Size	ا ج. ا		Kind of Pack	er
Farm See M. Cleavenger	13				
Well No.	10			Size of	 _
District nion County Text.	81/4			}	
Drilling commenced	6% 5 3/16	1		Depth set	
Drilling completed Total depth 국은기	3			Perf. top	
Date shotDepth of shot	2			Perf. bettom	
Initial open flow/16ths Water inInch	Liners Used			Perf. top Perf. bottom	
Open flow after tubing/10ths Merc. inInch	,			Peri, bottom	
VolumeCu. Ft.	. CASING CEM	ENTED	size	No. FT	Date
Rock prescurelbshrs	NAME OF SI	ERVICE COMP	ANY		
Oilbbls., 1st 24 lus		encountere	D AT	feet	inches
Fresh waterfeetfeetfeetfeet	FEE	TINC	HES	FEET	inches
Salt water feet feet	tFEE	TINC	HES	FEET	inches
Drillers' Names 2111a - Cromor					<u>.</u>
Of anit of a good far				617 181921	ीरोट्ट _
Remarks: Found No Coul thor Coing to run about		Office of (16	RECEIVED West Virgon Dept. of M	/ED (5787)
			artment of tal Protection	23455	Men

March 14,1969

2019. S. General DISTRICT WELL INSPECTOR

06/02/2023

J. L. TRITTHO, INC.

OIL AND GAS PRODUCING

TELEPHONE 342-5083

BUSINESS A3-9383

March 21, 1977

BUITE 600 COMMERCE BOUARE CHARLESTON, W. VA. 25301

> Mr. Billie Hatfield Department of Mines Oil and Gas Division State of West Virginia 1615 Washingston Street, E. Charleston, WV 25305

RE: Ada M. Clevenger - Permit Number BAR-436 Union District - Barbour County

Dear Mr. Hatfield:

We received, this date, your notice of violation of Chapter 22, Article, Section 7, stating this well was not in use for a period of twelve consecutive months, and that it must be either put into production or plugged.

By legal agreement, made the 5th day of February, 1971, all rights to this well were assigned to Glenn, Inc. A copy of this agreement will be provided upon request.

If we can be of further assistance, please let us know.

Very truly yours,

J. L. Trittipo

RECEIVED
Office of Oil and Gas

MAY 03 2023

JLT:bq

Copy to: Robert G. Dodd

WV Department of Environmental Protection

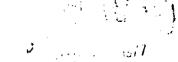
This will and doll worth with the saidy

We next him the continued beton way to the sear

06/02/2023

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES OIL AND GAS WELLS DIVISION



INSPECTOR'S WELL REPORT

Permit No. BAR-436			Oil of	Gas Well Gn.S
Company J. T. Swittipn & M. H. Com	CARING AND TUBING	USED IN	LEFT IN WELL	PACKERS
Address Charleston, L. Va.	Size		 -	
Farm Adn 1. Olenvenger	13			Kind of Packer
Well No. 1	10			Size of
District Union County Earbour	814			Depth set
Drilling commenced	5 3/16	1		
Drilling completedTotal depth	3			Perf. top
Date shot Depth of shot	Liners Used			Perf. bottom
Initial open flow/10ths Water inInch				Perf. bottom
Open flow after tubing	CAGING CPM	PATEN	SIZE	No. FTDate
Rock prescure lbs hrs.	NAME OF SE			
Oilbbls., 1st 24 hrs.	COAL WAS E	NCOUNTERE	D AT	FEETINCHES
Fresh waterfeetfeet	FEE	rin	CHES	feetinches
Salt waterfeetfeet	FEE	rin	CHES	FEETINCHES
Drillers' Names				
Remarks: Lo effort has been made to on this well on Warch 18. 1	nbata the	violati	o: pc :5	tt RECEIVED Office of Oil and Gas

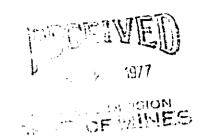
MAY 03 2023

WV Department of Environmental Protection

karch 2c, 1977



STATE OF WEST VIRGINIA DEPARTMENT OF MINES



Oil and Gas Division NOTICE OF VIOLATION

Permit Number BAR-436	Farm Ada M. Cleavenger Acres 45.1
Company J. L. Trittipo and N. G. Clark Address 600 Commerce Square Street Charleston City West Virginia State Responsible Agent J. L. Trittipo Address Charleston, W. Va	Location of Well (Waters) First Big Run Company Well No. 1 District Union County Barbour
this violation notice has this day been posted at the well site and receipt requested) to the above address in accordance with the p Code of West Virginia for the following violation. Chapter 22, Article 4, Section 7 Administrative Regulation Rule No. 2 -12 Detailed description of violation	MAY 0 3 223 WV Department of Environmental Protection.
	twelve consecutive months. or pluged.
Well must be but in production t	or pruged.
Failure to comply with this order will prompt action by the Offenses, Penalties, or Chapter 22, Article 4, Section 18, Injune	. 1977. to totally abate the above described violation. Oil and Gas Division under Chapter 22, Article 4, Section 17, tive Relief of the West Virginia Code.
	March_18,1977 06/02/2023



2.13

State of Mest Nirginia

Department of Mines Oil und Gas Division Charleston 25305

WALTER MILLER DIRECTOR ROBERT L. DODD - P.E. DEPUTY DIRECTOR

July 25, 1977

Mr. Berald Cleavinger RT. #1. Box 150 Volga, West Minginia 26238

In Ro: Permit No. BAR-436
Well No. 1. Ada M. Cleavenger Farm
Union District of Barbour County

Dear Mr. Cleavinger:

This is in reply to your letter of June 28, 1977 relative to the above continual well.

On March 18, 1977 our district inspector posted a violation notice on this well for not producing for twelve consecutive months. Since that time Mr. J. L. Trittino notified us by letter that this well had been assigned to Glann. Inc. (Mr. Clark). I recall phoning Mr. Trittipo requesting that a copy of the agreement be sent to us. Enclosed is a copy of that agreement.

If you are interested in breaking the lease. Mr. Bernard Berry of Clarks-burg. MV. is interested in securing this lease and would like to talk with you. His telephone number is: 622-4500.

If something can't be worked out please let us know so that we can pursue other remedies.

Sincerely yours.

The x in

RECEIVED
Office of Oil and Gas

Robert L. Dodd, Deputy Director Cil and Gas Division

MAY 03 2023

WV Department of Environmental Protection

RLD/19 Encl.

cc - Mr. Bill Hatfield. District Inspector Mr. Bernard Berry

SURFACE OWNER WAIVER

Operator's Well	
Number	

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:

- 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.

Office of Oil and Gas

	VOLUNTARY STATI	EMENT OF N	O OBJECTION	MAY 03 2023
I hereby state that I ha	ve read the instruction	s to surface ow	ners and that I have re	ceived copies of a Notice
I hereby state that I ha and Application For A Permit T	o Plug And Abandon or	n Forms WW-4	A and WW-4B, and a su	rvey plan Department of Environmental Protection
I further state that I l objection to a permit being issu- FOR EXECUTION BY A NATU- ETC.	ed on those materials.	e planned wo		aterials, and I have no BY A CORPORATION,
	Date	Name		
Signature		$\mathbf{B}\mathbf{y}$		
		Its		Date
			Signature	Date



STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

Source Rivery Source

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

Charleston, W. Va.	
NO COAL	HARRY SAVAGE
COAL OPERATOR OR COAL OWNER	NAME OF WELL OPERATOR
	720 Grant Bldg. Pittsburgh, Pa.
ADDRESS	COMPLETE ADDRESS
	February 20, 19 52
COAL OPERATOR OR COAL DWNER	PROPOSED LOCATION
	ClayDistrict
ADDRESS	
	Harrison County
GWHER OF MINERAL RIGHTS	·
	Well No.1
ADDRESS	Josoph R. Chaney Farm
ENTLEMEN:	
	drill upon the above named farm or tract of land for
-	se may be) under grant or lease dated January 19, 1952
s and Bush material and control and man man on	deby Joseph R. Chaney, et al to
	and recorded on theday
<u> </u>	in the office of the County Clerk for said County in
pok Not as yet	of record.
be drilled for oil and gas by the undersigned well and County above named, determined by survey as and marks. The undersigned well operator is informed as	ent engineer and abows the proposed location of a well il operator on the farm and in the Magisterial District and courses and distances from two permanent points, or and believes there are no coal operators operating beds
to be drilled for oil and gas by the undersigned well and County above named, determined by survey as and marks. The undersigned well operator is informed at a coal beneath said farm or tract of land on which ries of the same, who have mapped their working oal operators or coal owners (if any) above name. The above named coal operators or coal owners (esire to make to such proposed location, or which he drilling of a well at said proposed location will coal mines, must be received by, or filed with the Deacopy of this notice and accompanying plat by said to the copy of the coal making auch objections will but forms for use in making auch objections will an request and that all such objections must set fortons.	nd believes there are no coal operators operating heds h said well is located, or within 500 feet of the bound- ngs and filed their maps as required by law, excepting the d as addressees. If any) are notified that any objections they may they are required to make by Section 3 of said Code, if cause a dangero's condition in or about their respective epartment of Min s within ten* days from the receipt of d Department. Said coal operators are further notified be furnished to them by the Department of Mines promptly that definitely as is reasonably possible the ground or
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HAR-168

06/02/2023

PERMIT NUMBER



May 2, 2023

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

Dear Mr. Harmon:

RE: DEP-Paid Plugging Contract

CEC Project No. 324-513 Plugging Applications:

> Ada M. Clevenger #1 (API No. 47-001-00436) Joseph R. Chaney #1 (API No. 47-033-00168 A. Barrackman #1 (API No. 47-049-00090) Betty Hursey #1 (API No. 47-033-02860)

RECEIVED
Office of Oil and Gas

MAY 0 3 2023

WV Department of Environmental Protection

On behalf of Coastal Drilling East, please find enclosed plugging applications for the aforementioned wells for your review.

Please feel free to contact me at (304) 629-6309 or <u>ecarder@cecinc.com</u> if you have any questions or require any additional information.

Very truly yours,

CIVIL & ENVIRONMENTAL CONSULTANTS, INC.

Eddie Carder

Senior Project Manager

Tim Andrew

Assistant Project Manager



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

plugging permit issued 4700100436

1 message

Kennedy, James P < james.p.kennedy@wv.gov> Tue, May 30, 2023 at 1:38 PM To: MYearsley@shaftdrillers.com, Henry J Harmon <henry.j.harmon@wv.gov>, Randall M Kirchberg <randall.m.kirchberg@wv.gov>, spencer@assessor.state.wv.us

To whom it may concern, a plugging permit has been issued for 4700100436.

James Kennedy

WVDEP OOG

