



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

Thursday, May 18, 2023

WELL WORK PLUGGING PERMIT
Vertical Plugging

UNKNOWN - DEP PAID PLUGGING CONTRACT
601 57TH STREET

CHARLESTON, WV 25304

Re: Permit approval for 1
47-049-00195-00-00

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: NIXON, SAMUEL
U.S. WELL NUMBER: 47-049-00195-00-00
Vertical Plugging
Date Issued: 5/18/2023

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 4704900195, 2023
2) Operator's Well No. S.Nixon Heirs #1-9
3) API Well No. 47-049-00195

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

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

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

5) Location: Elevation 1,098.71' Watershed Sapp Run
District Grant County Marion Quadrangle Fairmont West

6) Well Operator Unknown- DEP Paid Plugging Contract 7) Designated Agent H. Jason Harmon
Address 604 57th Street, SE Address 604 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
Mount Morris, PA

10) Work Order: The work order for the manner of plugging this well is as follows:
Check pressures on all casing with a gauge. Blow down well into a grounded tank with secure line. MIRU. Begin plugging and abandonment operations. Load 2" tubing with fresh water. Check TD w/wireline. Notify WV OGO inspector.
Work 2" tubing and packer. Remove 2" and packer from bore hole., If unable to remove packer run Wireline CBL to determine free point on 2"
Notify WV OGO inspector to discuss perforations and cut schedule., Remove 2" tubing
TIH w. tubing to 2265', set 815' Class L cement plug from 2265' to 1450'. TOOH w. tubing. WOC. Tag TOC., Run CBL with wireline to determine free point on 6 5/8" casing.
Notify WV OGO inspector to discuss perforations and cut schedule., Cut 6 5/8" csg. At free point 6 5/8" TOOH with casing
TIH w. tubing to 1450', set 1250' Class L cement plug from 1450' to 200'. TOOH w. tubing. WOC. Tag TOC., Attempt to pull with 150% of string weight, if unable to pull discuss perforations with WV OGO inspector.
APR 19 2023
TIH w. tubing to 200', set 200' Class L cement plug from 200' to surface., Top off well to surface with solid cement as needed.
Erect monument with API#, date plugged, and company name. Reclaim location and road to WV-DEP specifications. *6% Gel Spacers may be omitted and replaced with Class L cement plugs.
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WV Department of Environmental Protection

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

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

05/19/2023

REMEDATION AND/OR PLUGGING WORK PLAN
(S. Nixon Heirs #1 / API #47-049-000195)

Notify Inspector Specialist, Kenneth Greynolds @ 304.3146095. 613 Broad Run Road, Jane Lew, WV 26378. **Notification is required 24 hours prior to commencing plugging operations.**

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 2" tubing with fresh water. Check TD w/wireline. Notify WV OGO inspector.
5. Work 2" tubing and packer. Remove 2" and packer from bore hole.
6. If unable to remove packer run Wireline CBL to determine free point on 2"
7. Notify WV OGO inspector to discuss perforations and cut schedule.
8. Remove 2" tubing
9. TIH w. tubing to 2265', set 815' Class L cement plug from 2265' to 1450'. TOOH w. tubing. WOC. Tag TOC.
10. Run CBL with wireline to determine free point on 6 5/8" casing.
11. Notify WV OGO inspector to discuss perforations and cut schedule.
12. Cut 6 5/8" csg. At free point 6 5/8" TOOH with casing
13. TIH w. tubing to 1450', set 1250' Class L cement plug from '1450 to 200'. TOOH w. tubing. WOC. Tag TOC.
14. Attempt to pull with 150% of string weight, if unable to pull discuss perforations with WV OGO inspector.
15. TIH w. tubing to 200', set 200' Class L cement plug from 200' to surface.
16. Top off well to surface with solid cement as needed.
17. Erect monument with API#, date plugged, and company name,
18. 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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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Leimont

WELL RECORD

Permit No. Mar 195

Oil or Gas Well Gas
(KIND)

Company <u>G. L. Dudley, Jr.</u>	Casing and Tubing	Used in Drilling	Left in Well	Packers
Address <u>Parkersburg, W. Va.</u>				
Farm <u>Samuel Nixon Hrs.</u> Acres <u>54</u>	Size			
Location (waters) <u>Booths Creek</u>	16			Kind of Packer
Well No. <u>1 - 9</u> Elev. <u>1108</u>	13			<u>Anchor</u>
District <u>Grant</u> County <u>Marion</u>	10	<u>47'</u>		Size of <u>6 5/8 x 2</u>
The surface of tract is owned in fee by <u>Samuel Nixon Hrs.</u>	8 1/2	<u>227</u>	<u>227</u>	Depth set
<u>C. A. Nixon, Adm.</u> Address <u>Watson, W. Va.</u>	6 1/2	<u>1472</u>	<u>1472</u>	<u>1923'</u>
Mineral rights are owned by <u>Same</u>	5 3/16			Perf. top <u>2230</u>
Address _____	3			Perf. bottom <u>2236</u>
Drilling commenced <u>Jan. 7, 1949</u>	2	<u>2265</u>	<u>2265</u>	Perf. top <u>2052</u>
Drilling completed <u>Mar. 10, 1949</u>	Liners Used			Perf. bottom <u>2058</u>
Date Shot <u>Mar 24, '49</u> From <u>2227</u> To <u>2243</u>				
With <u>45 quarts</u>				
Open Flow <u>20/10ths</u> Water in <u>2"</u> Inch				
<u> </u> /10ths Merc. in <u> </u> Inch	CASING CEMENTED	SIZE	No. Ft.	Date
Volume <u>107 760</u> Cu. Ft.				
Rock Pressure <u>168</u> lbs. <u>one</u> hrs.				
Oil <u> </u> bbls., 1st 24 hrs.	COAL WAS ENCOUNTERED AT	FEET	INCHES	
Fresh water <u> </u> feet	<u>No coal</u> - Had been removed by stripping	FEET	INCHES	
Salt water <u>1000</u> feet		FEET	INCHES	

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Clay			1	47			
Slate & Lime			47	150			
Sand			150	200			
Slate & Shells			200	325			
Sand			325	350			
Slate & Shells			350	5 00			
Gritty Lime			500	530			
Slate & Lime			530	570			
Sand			570	595			
Slate			595	605			
Gritty Lime			605	650			
Slate & Lime			650	740			
Sand			740	850			
Slate			850	860			
Sand			860	935			
Slate			935	945			
Lime			945	990			
Salt Sand			990	1050	Water	1000'	1 b per hr.
Slate & Lime			1050	1060			
Salt Sand			1060	1090			
Slate			1090	1100			
Sandy Lime			1100	1170			
Red rock			1170	1340			
Lime			1340	1367			
Red Rock & Lime shells			1367	1390			
Lime			1390	1405			
Slate			1405	1419			
Little Lime			1419	1430			
Pencil cave			1430	1450			
Big Lime			1450	1520			
Big Injun Sand			1520	1670			
Broken Lime			1670	1700			
Lime & Slate			1700	1900			
Gritty Lime			1900	1942			
Sand			1942	1955			
Slate & Lime			1955	2012			
Gritty Lime			2012	2055			
50 Foot Sand			2055	2220	show gas		

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WEST VIRGINIA
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Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Gordon sand	red		2220	2245	Gas	2235	20/10 w 2"
Slate & Lime			2245	2445			
Gritty Lime			2445	2460			
Slate & Lime			2460	2650			
Slate			2650	2656			
		Total depth		2656			
		Plugged back to		2265			

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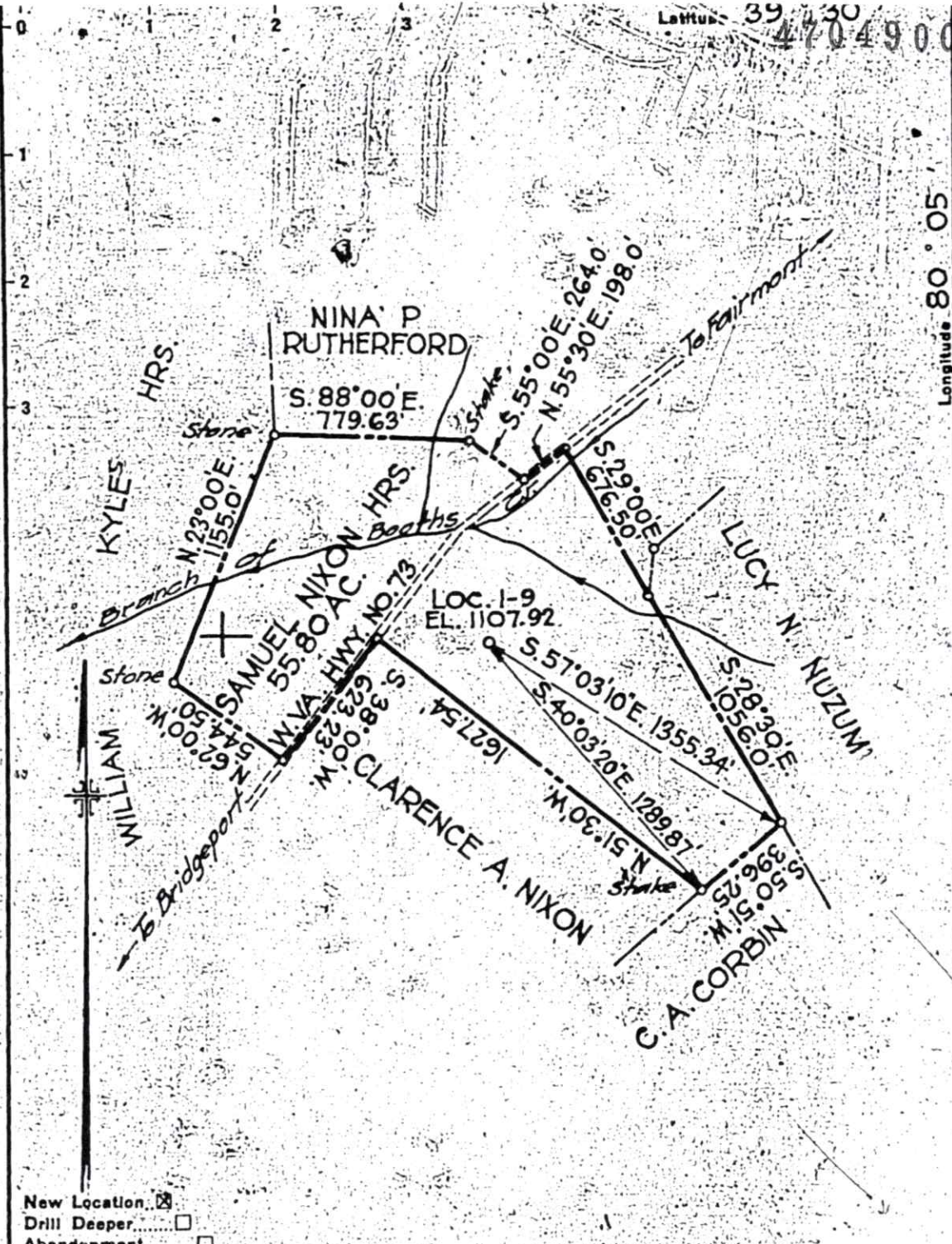
WV Department of
Environmental Protection

Date Jan 4, 1949

APPROVED [Signature], Owner

By [Signature]
(Title)

Latitude 39 47 04.900 795P



Longitude 80° 05'

New Location
 Drill Deeper
 Abandonment

Company G. L. DUDLEY, JR.
 Address PARKERSBURG, W. VA.
 Farm SAMUEL NIXON HRS.
 Tract _____ Acres 55.80 Lease No. 23895
 Well (Farm) No. 1-9 Serial No. _____
 Elevation (Spirit Level) 1107.92
 Quadrangle FAIRMONT
 County MARION District GRANT
 Engineer B. G. SAMPSON
 Engineer's Registration No. 233
 File No. _____ Drawing No. _____
 Date NOV. 3, 1948 Scale 1" = 500'

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

WELL LOCATION MAP
 FILE NO. MAR-195

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.
 - Denotes one inch spaces on border line of original tracing.

05/19/2023

"IMPERIAL" TRACING CLOTH
 E. & S. CO., N. Y.

WW-4A
Revised 6-07

1) Date: _____
2) Operator's Well Number
S. Nixon Heirs #1-9
3) API Well No.: 47 - 49 - 00195

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>CZS Development Group</u>	Name _____
Address <u>90 Chateau Royale CT</u>	Address _____
<u>Morgantown, WV 26505</u>	
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>CZS Development Group</u>
	Address <u>90 Chateau Royale CT</u>
	<u>Morgantown, WV 26505</u>
(c) Name _____	Name _____
Address _____	Address _____
6) Inspector <u>Kenneth Greynolds</u>	(c) Coal Lessee with Declaration
Address <u>613 Broad Run Road</u>	Name _____
<u>Jane Lew, WV 26378</u>	Address _____
Telephone <u>304-314-6095</u>	

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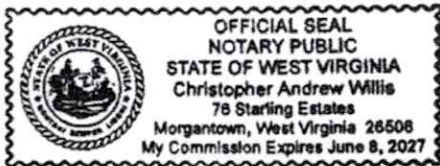
TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:

- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form WW-6.

The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses side. However, you are not required to take any action at all.

Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental Protection, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice, the Application, and the plat have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Chief.

Well Operator Unknown- DEP Paid Plugging Contract
 By: Matthew Yearsley
 Its: Plugging Contractor
 Address 130 Meadow Ridge Road
Mt. Morris, PA 15349
 Telephone 304-291-0175



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



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,
Vice President

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WV Department of
Environmental Protection

4704900195P

Surface and Coal Owner Proof of Application Sent by Certified Mail
Nixon Heirs # 1-9

7022 2410 0002 1137 0396

U.S. Postal Service™ <i>NIXON HEIRS # 1-9</i>	
CERTIFIED MAIL® RECEIPT	
Domestic Mail Only	
For delivery information, visit our website at www.usps.com ®	
Morgantown WV 26505	
OFFICIAL USE	
Certified Mail Fee	\$4.15
\$	\$7.35
Extra Services & Fees (check box, add fee as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00
<input type="checkbox"/> Return Receipt (electronic)	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00
<input type="checkbox"/> Adult Signature Required	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00
Postage	\$2.22
\$	\$9.72
Total Postage and Fees	\$9.72
\$	
Send To:	
CSZ Development Group	
90 Chateau Royale Ct	
Morgantown WV 26505	
PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions	

0098
17
Postmark
Here
04/17/2023

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SURFACE OWNER WAIVER

4704900195P

Operator's Well
Number

Nixon S. Heirs #1-9

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

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

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

FOR EXECUTION BY A NATURAL PERSON
ETC.

FOR EXECUTION BY A CORPORATION,

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

Signature

Date

05/19/2023

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Department of
Environmental Protection

WW-4B

4704900195P

API No. 47-049-00195
 Farm Name Nixon S. Heirs
 Well No. #1-9

**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.

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APR 19 2023

Date: _____

WV Department of
Environmental Protection

Its _____

05/19/2023

4704900195P

WW-9
(5/16)

API Number 47 - 049 - 00195
Operator's Well No. Nixon S. Heirs #1-9

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) Monongahela Quadrangle Fairmont

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 and returned back to tank.

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 that there are significant penalties for submitting false information, including the possibility of fine or imprisonment.

Company Official Signature *Matthew A. Younsley*

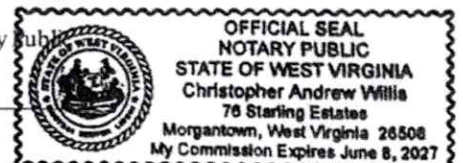
Company Official (Typed Name) Matthew A. Younsley

Company Official Title Business Operations Manager

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

Christopher A. Willis *Christopher A. Willis* Notary Public

My commission expires June 8, 2027



05/19/2023

Proposed Revegetation Treatment: Acres Disturbed 0.18 ac. 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

* see attached.

Attach:

Maps(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided). If water from the pit will be land applied, provide water volume, include dimensions (L, W, D) of the pit, and dimensions (L, W), and area in acres, of the land application area.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: *Kimberly Graybill*

Comments: RECLAIM, SEED + MULCH ASAP

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Office of Oil and Gas

APR 19 2023

WV Department of
Environmental Protection

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

Field Reviewed? () Yes () No



April 17, 2023

Carolyn Harron
P.O. Box 400
Bridgeport, WV 26330

Dear CZS Development Group:

Subject: Plugging permit modification for Class L cement
(G.T. Faris et. al. #2)
CEC Project 324-513

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

Parcel Description: Harron, Carolyn S.
ID: 17-15-0330-0003-0000
DESC: 342.57 AC BEARD RUN & SIMPSON CK

On behalf of Coastal Drilling East, LLC., Civil & Environmental Consultants, Inc. has submitted permits to permanently plug well API #47-033-00224 (G.T. Faris et. al. #2) on the above listed property and now intends to modify permits to allow for the use of Class L cement in place of Class A due to manufacturing shortage. Enclosed you will find the proposed modifications to the plugging work orders and a copy of the approved variance authorization the use of Class L in this manner.

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

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

Respectfully,

CIVIL & ENVIRONMENTAL CONSULTANTS, INC.

Eddie Carder
Senior Project Manager

Joseph D. Robinson, PE
Vice President

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:

- 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.

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Office of Oil and Gas

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.

FOR EXECUTION BY A CORPORATION,
WV Department of Environmental Protection

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

05/19/2023



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

REPORT OF THE OFFICE

In response to industry requests, the West Virginia Department of Environmental Protection, Office of Oil and Gas has reviewed the proposed use of American Petroleum Institute (API) Class L cement to be used in place of API Class A cement for well plugging.

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APR 19 2023

WV Department of
Environmental Protection

FINDINGS OF FACT

1. On July 28, 2022, Diversified Gas & Oil Co. (DGO) submitted a variance request from Legislative Rule 35CSR4 for the use of API Class L cement in place of API Class A cement, relating to the plugging of conventional wells.
2. Laboratory analysis submitted by DGO on July 28, 2022, indicates API Class L cement is comparable to API Class A cement and thereby satisfies the requirements of the West Virginia Code.
3. Contemporaneously, the Chief of the Office of Oil and Gas also chose to consider a variance to Legislative Rule 35CSR8 Section 20.1., for the use of API Class L cement in place of API Class A cement, relating to the plugging of horizontal wells.

Promoting a healthy environment.

05/19/2023

4. On August 18, 2022, the Office of Oil and Gas provided public notice of acceptance of public comments on the variance consideration. During the 20-day public comment period, no comments were received.

CONCLUSIONS OF LAW

Pursuant to Article 6 and Article 6A, Chapter 22 of the Code of West Virginia, the Office of Oil and Gas has jurisdiction over the subject matter, and the persons interested therein, and jurisdiction to promulgate the hereinafter prescribed Order.

Pursuant to Legislative Rule 35CSR4, Section 18 and Legislative Rule 35CSR8, Section 14, the Chief of the Office of Oil and Gas may grant a variance from any requirement of these rules.

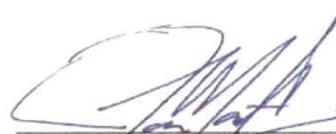
ORDER

It is ordered that the Class L cement product approved and monogrammed by API is approved for use in place of API Class A cement for well plugging subject to the provisions of Legislative Rule 35CSR4 and Legislative Rule 35CSR8.

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

IN THE NAME OF THE STATE OF WEST VIRGINIA

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



James Martin, Chief
Office of Oil and Gas

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Office of Oil and Gas

APR 19 2023

WV Department of
Environmental Protection

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Office of Oil and Gas

APR 19 2023

WV Department of
Environmental Protection

05/19/2023

SURFACE OWNER WAIVER

Operator's Well
Number _____

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Chief, Office of Oil and Gas
Department of Environmental Protection
601 57th St. SE
Charleston, WV 25304
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I further state that I have no objection to the planned work described in these materials and I have no objection to a permit being issued on those materials.

FOR EXECUTION BY A NATURAL PERSON
ETC.

FOR EXECUTION BY A CORPORATION

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

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APR 19 2023

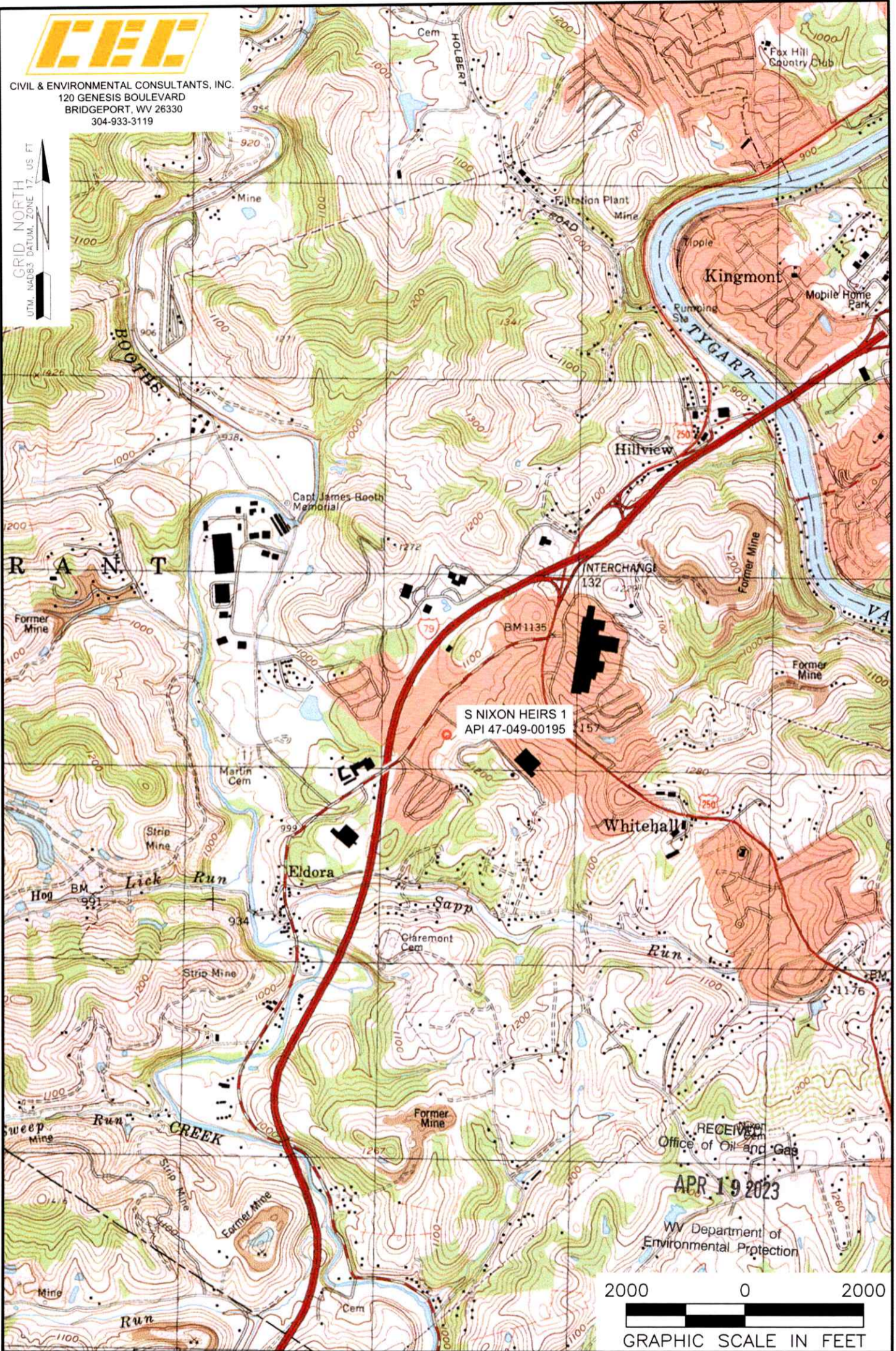
RECEIVED
Office of Oil and Gas
APR 19 2023

Department of Environmental Protection
Office of Oil and Gas
WV Permit and I have no
Environmental Protection



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

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



NOTES ON SURVEY

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

05/19/2023

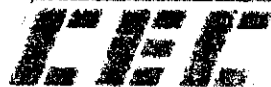
○ EXISTING SURFACE HOLE

— ACCESS ROAD

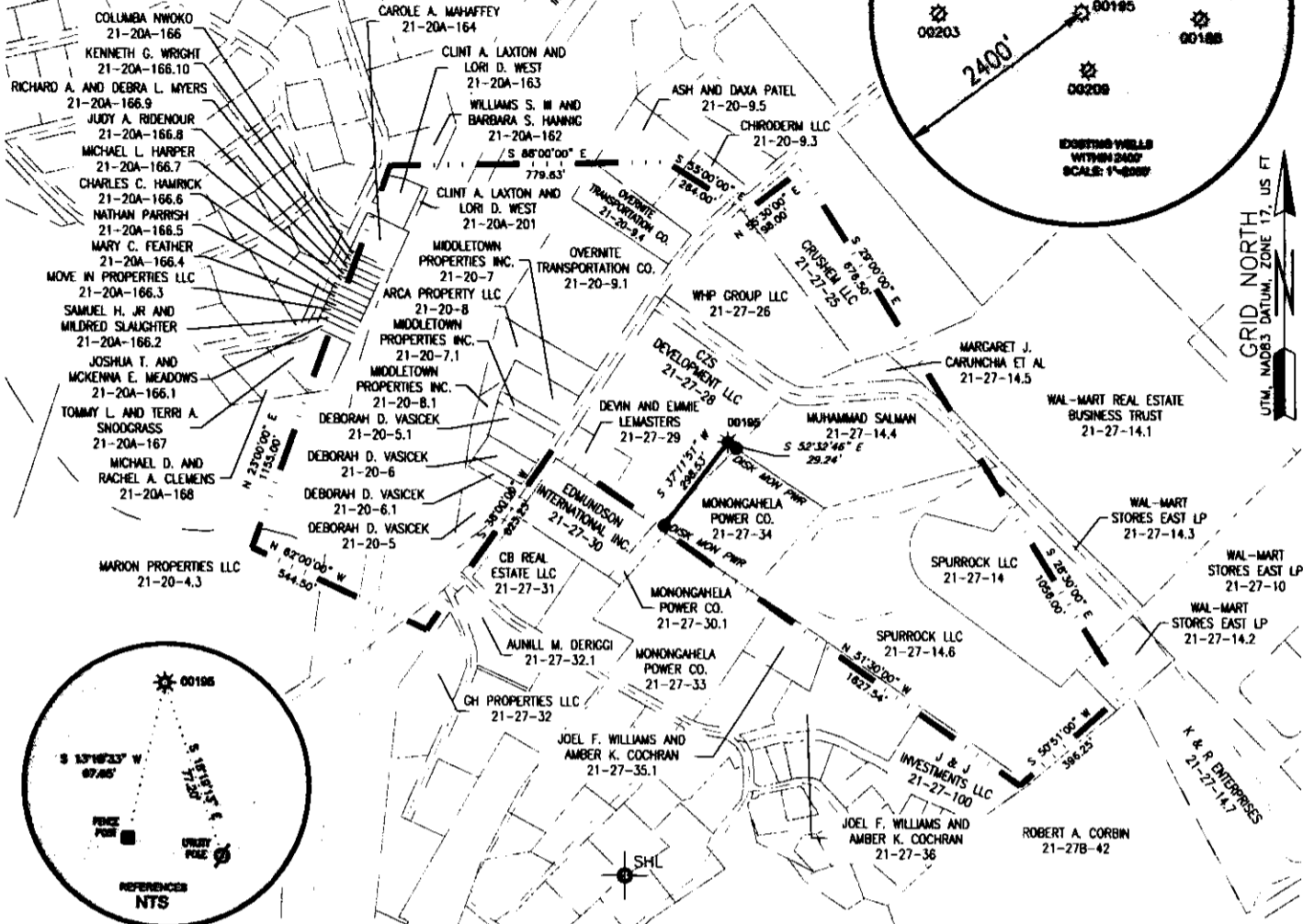
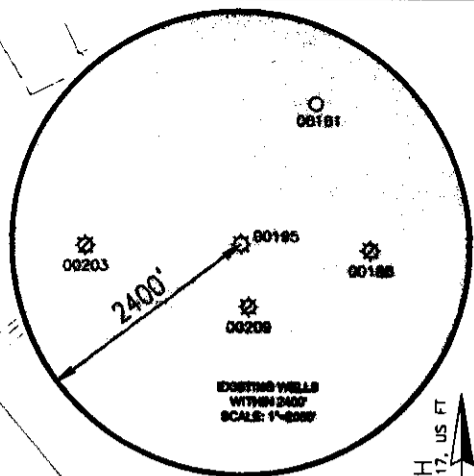
WELL OPERATOR: UNKNOWN-DEP PAID PLUGGING CONTRACT WDEP	WELL (FARM) NAME: S NIXON HEIRS	WELL # 1
ADDRESS: 601 57TH STREET, SE, CHARLESTON, WV 25304	COUNTY - CODE MARION - 049	DISTRICT; GRANT DISTRICT
SURFACE OWNER: CZS DEVELOPMENT LLC 4.23 ACRES±	USGS 7 1/2 QUADRANGLE MAP NAME FAIRMONT WEST, WV	

Latitude: 39°27'30"

SURFACE HOLE 7863'



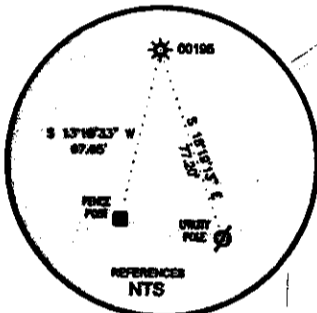
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.
120 GENESIS BOULEVARD
BRIDGEPORT, WV 26330
304-933-3119



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

SURFACE HOLE 12364'

Longitude: 80°10'00"

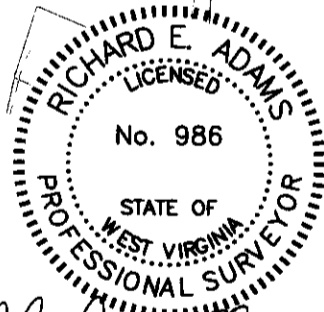
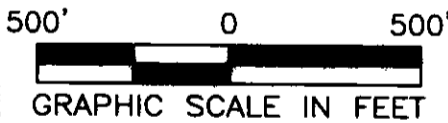


UTM (NAD83, ZONE 17, METERS):
NORTHING: 4364182.922
EASTING: 569331.395

NOTES ON SURVEY

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

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



P.S. 986



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
WVDEP
OFFICE OF OIL & GAS
601 57TH STREET
CHARLESTON, WV 25304

MINIMUM DEGREE OF ACCURACY: 1/2500
PROVEN SOURCE OF ELEVATION: SURVEY GRADE GPS (NAVD 88, US FT)

OPERATOR'S WELL #: S NIXON HEIRS 1-9
API WELL #: 47 049 00195P
STATE COUNTY PERMIT

WELL TYPE: OIL [] WASTE DISPOSAL [] PRODUCTION [X] DEEP [] GAS [X] LIQUID INJECTION [] STORAGE [] SHALLOW [X]
WATERSHED: SAPP RUN
DISTRICT: GRANT DISTRICT COUNTY: MARION
SURFACE OWNER: CZS DEVELOPMENT GROUP
OIL & GAS ROYALTY OWNER: CZS DEVELOPMENT GROUP
ELEVATION: 1098.71'
QUADRANGLE: FAIRMONT WEST
ACREAGE: 4.23±
ACREAGE: 55.80±
DRILL [] DRILL DEEPER [] REDRILL [] FRACTURE OR STIMULATE [] PLUG OFF OLD FORMATION [] PERFORATE NEW FORMATION []
CONVERT [] PLUG & ABANDON [X] CLEAN OUT & REPLUG [] OTHER CHANGE [] (SPECIFY) 05/19/2023
TARGET FORMATION: GORDAN ESTIMATED DEPTH: 2265'

WELL OPERATOR: UNKNOWN-DEP PAID PLUGGING CONTRACT WVDEP
ADDRESS: 601 57TH STREET, SE
CITY: CHARLESTON STATE: WV ZIP CODE: 25304
DESIGNATED AGENT: H. JASON HARMON
ADDRESS: 601 57TH STREET, SE
CITY: CHARLESTON STATE: WV ZIP CODE: 25304

LEGEND: * EXISTING / PRODUCING WELLHEAD --- LEASE BOUNDARY
REVISIONS: DATE: 04-04-2023
DRAWN BY: K.E.S.
SCALE: 1" = 500'
DRAWING NO: 324-513
WELL LOCATION PLAT

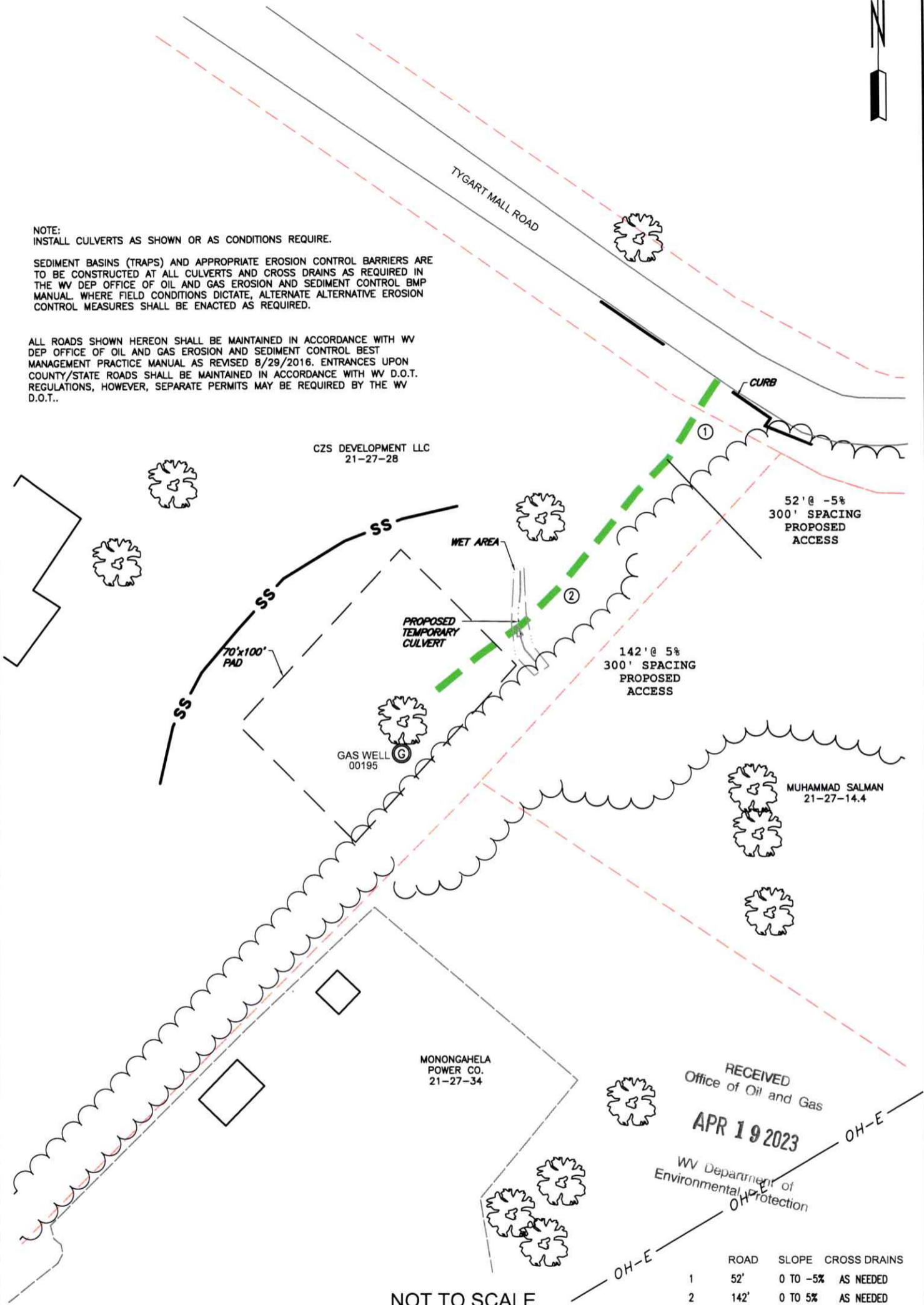


ACCESS TO THE WELL SITE WILL BE GAINED USING A PROPOSED ACCESS ROAD OFF OF TYGART MALL LOOP ROAD. 194 FEET OF PROPOSED ACCESS ROAD TO BE CONSTRUCTED AND MAINTAINED AS NEEDED FOR PLUGGING OPERATIONS. DRAINAGE TO BE MAINTAINED. WELL SITE TO BE RECLAIMED AFTER WELL WORK. TOPSOIL IF ANY TO BE STOCKPILED FOR USE IN RECLAMATION.

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 BMP MANUAL. WHERE FIELD CONDITIONS DICTATE, ALTERNATE ALTERNATIVE EROSION CONTROL MEASURES SHALL BE ENACTED AS REQUIRED.

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..



NOT TO SCALE

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APR 19 2023
WV Department of
Environmental Protection

05/19/2023

LEGEND:

- EXISTING / PRODUCING WELLHEAD
- EXISTING POWER POLE
- TREE
- SILT FENCE
- OVERHEAD ELECTRIC
- GRAVEL
- TREE LINE
- DRAINAGE
- PROPERTY LINE
- ACCESS

NOTES

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

WELL OPERATOR: UNKNOWN-DEP PAID PLUGGING CONTRACT WVDEP	WELL (FARM) NAME: S NIXON HEIRS	WELL # 1-9
ADDRESS: 601 57TH STREET, SE CHARLESTON, WV 25304	COUNTY - CODE MARION - 049	DISTRICT: GRANT DISTRICT
SURFACE OWNER: CZS DEVELOPMENT LLC	USGS 7 1/2 QUADRANGLE MAP NAME FAIRMONT WEST, WV	



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

plugging permit issued 4704900195

1 message

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

Fri, May 19, 2023 at 9:22 AM

To: Henry J Harmon <henry.j.harmon@wv.gov>, MYearsley@shaftdrillers.com, Kenneth L Greynolds <kenneth.l.greynolds@wv.gov>, mtrach@wvassessor.com

To whom it may concern, a plugging permit has been issued for 4704900195.

James Kennedy

WVDEP OOG

 **4704900195.pdf**
4830K

05/19/2023