



west virginia department of environmental protection

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

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

Monday, January 8, 2024
WELL WORK PLUGGING PERMIT
Vertical Plugging

DIVERSIFIED PRODUCTION LLC
101 MCQUISTON DRIVE

JACKSON CENTER, PA 16133

Re: Permit approval for 3 WVGO1153
47-041-01551-00-00

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:
Farm Name: REEDER, C. W.
U.S. WELL NUMBER: 47-041-01551-00-00
Vertical Plugging
Date Issued: 1/8/2024

Promoting a healthy environment.

01/12/2024

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. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
2. 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.
3. Well work activities shall not constitute a hazard to the safety of persons.
4. 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 November 30, 2023
2) Operator's
Well No. Reeder CW 3
3) API Well No. 47-041-01551

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 / Liquid injection / Waste disposal /
(If "Gas, Production or Underground storage) Deep / Shallow
- 5) Location: Elevation 1360.35' Watershed Glady Fork
District Courthouse County Lewis Quadrangle Roanoke 7.5'
- 6) Well Operator Diversified Production, LLC 7) Designated Agent Chris Veazey
Address 414 Summers Street Address 414 Summers Street
Charleston, WV 25301 Charleston, WV 25301
- 8) Oil and Gas Inspector to be notified Name Kenneth Greynolds
Address 613 Broad Run Rd.
Jane Lew, WV 26378
- 9) Plugging Contractor Name Next LVL Energy (Diversified Owned)
Address 104 Helliport Loop Rd
Bridgeport, WV 25330

10) Work Order: The work order for the manner of plugging this well is as follows:

See Attached

RECEIVED
Office of Oil and Gas
DEC 13 2023

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 _____

Digitally signed by Kenneth Greynolds
DN: cn = Kenneth Greynolds, email = Kenneth.L.Greynolds@wv.gov, c = AD, o = WVDEP-OU = Oil and Gas
Date: 2023.12.11 09:56:44 -0500

01/12/2024



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage

Quadrangle Crawford N.W. 2

WELL RECORD

Oil or Gas Well Gas
(KIND)

Permit No. 1551

Company Union Drilling, Inc.
Address Box 281, Washington, Pa.
Farm C. W. Reader Acres 97
Location (waters) Glady Fork & Big Skin Run
Well No. 153-E Elev. 1356.5
District Courthouse County Lewis
The surface of tract is owned in fee by C. W. Reader
Address Rt. 3 Box 307, Weston, West Va.
Mineral rights are owned by C. W. Reader, Rt 3 Box 307, Weston, West Va.
Address _____
Drilling commenced July 5, 1967
Drilling completed October 8, 1967
Date Shot _____ From _____ To _____
With _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			
10 3/4	250'	250'	Size of
8 1/2	1108'	1108'	Depth set
5 3/16			
4 1/2	1757	1757	Perf. top <u>4652</u>
3			Perf. bottom <u>4656</u>
2			Perf. top
Liners Used			Perf. bottom

Open Flow /10hrs Water in _____ Inch
/10hrs Merc. in _____ Inch
Volume Not Taken Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED (DETAILS) _____
WELL FRACTURED (DETAILS) 11-1-67 - Dowell - 11,000 Gal. Waterfrac
58,000 Lbs. Sand
RESULT AFTER TREATMENT (Initial open Flow or bbls.) 132,000 in 7hrs.
ROCK PRESSURE AFTER TREATMENT 1,000# HOURS 16hrs.
Fresh Water 98' Feet Salt Water _____ Feet
Producing Sand Benson Depth 4650' - 4663'

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Red Rock			0	30			
Clay	grey		30	36			
Clay	yellow		36	42			
Red Rock			42	57			
Sand			57	86			
Slate			86	125	Water @	96'	
Red Rock			125	135			
Lime			135	182			
Slate			182	215			
Red Rock			215	229			
Slate			229	264			
Lime			264	318			
Red Rock			318	465			
Lime			465	584			
Red Rock			584	630			
Lime			630	673			
Slate & Shells			673	700			
Lime			700	738			
Slate			738	750			
Lime			750	758			
Sand			758	811			
Gritty Lime			811	980			
Slate			980	1018			
Sand			1018	1125			
Lime			1125	1142			
Sand			1142	1152			
Slate			1152	1185			
Sand			1185	1228			
Slate			1228	1305			

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NOV 6 67
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West Virginia
Dept. of Mines

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Lime			1305	1330			
Sand			1330	1350			
Lime			1350	1356			
Sand			1356	1375			
Slate			1375	1418			
Lime-Sand			1418	1455			
Slate			1455	1533			
Lime			1533	1542			
Red Rock			1542	1568			
Lime			1568	1574			
Red Rock			1574	1711			
Shale			1711	1753			
Red Rock			1753	1774			
Sand			1774	1822			
Shale			1822	1825			
Lime - Big			1825	1905			
Slate & Shells			1905	2056			
Sand			2056	2665			
Slate & Shells			2665	2686			
Shale			2686	4624			
Sand - Benson			4624	4650			
Lime			4650	4663			
				4797'	Total Depth		

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Date: November 6, 1967
 APPROVED: Union Drilling, Inc.
 By: *Thomas B. Dunn*
 (Title)

01/12/2024

PLUGGING PROGNOSIS

West Virginia, Lewis County
API # 47-041-01551

Casing Schedule

10-3/4" csg @ 250'
8-5/8" csg @ 1108' (no cement or packer data)
4-1/2" csg @ 4757' (185 sks to 2184')

TD @ 4757'

Completion: perf @ 4652'-4656'

Fresh Water: 96'
Saltwater: None Listed
Coal: None Listed
Oil Show: None Listed
Gas Show: None Listed
Elevation: 1356'

1. Notify inspector, Ken Greynolds @ (304) 206-6613, 48 hrs. prior to commencing operations.
2. Check wellhead pressure and tag TD w/ wireline.
3. Run in to depth @ 4706'. Kill well as needed with 6% bentonite gel and fill rat hole. Pump at least 10 bbls gel. Pump 156' Class L cement plug from 4706' to 4550' (completion plug). Tag TOC. Top off as needed.
4. Pump 6% bentonite gel between all plugs.
5. Free point 4-1/2" csg. Cut and TOOH. Set 100' Class L cement plug across csg cut. 50' in/out of cut. TOOH w/ tbg to top of plug. Set 100' plug across casing shoe if all of 5-3/16" casing isn't completely removed. Do not omit any plugs listed below. Perforate as needed.
6. TOOH w/ tbg to 1406'. Pump 100' Class L Cement plug from 1406' to 1306' (Elevation plug)
7. TOOH w/ tbg to 1158'. Pump 100' Class L Cement plug from 1158' to 1058' (8-5/8" csg shoe plug)
8. Free point 8-5/8" csg. Cut and TOOH. Set 100' Class L cement plug across csg cut. 50' in/out of cut. TOOH w/ tbg to top of plug. Set 100' plug across casing shoe if all of 10" casing isn't completely removed. Do not omit any plugs listed below. Perforate as needed.
9. TOOH w/ tbg to 300'. Pump 300' Class L cement plug from 300' to Surface. (Fresh water, 10-1/4" csg shoe and Surface plug).
10. Reclaim location and well road to WV DEP specifications and erect P&A well monument.

Kenneth Greynolds
Digitally signed by Kenneth Greynolds
DN: CN = Kenneth Greynolds email = Kenneth.L.Greynolds@wv.gov C = AD O = WVDEP OU = Oil
right Class
Date: 2023.12.11 09:59:39 -0500

01/12/2024

WW-4A
Revised 6-07

1) Date: 11/30/2023
2) Operator's Well Number Reeder CW 3

3) API Well No.: 47 - 041 - 01551

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

<p>4) Surface Owner(s) to be served:</p> <p>(a) Name <u>Patricia J. Randolph</u> Address <u>189 Randolph Hollow Rd.</u> <u>Clarksburg, WV 26301</u></p> <p>(b) Name _____ Address _____</p> <p>(c) Name _____ Address _____</p> <p>6) Inspector <u>Kenneth Greynolds</u> Address <u>613 Broad Run Rd.</u> <u>Jane Lew, WV 26378</u> Telephone <u>(681) 990-6948</u></p>	<p>5) (a) Coal Operator</p> <p>Name _____ Address _____</p> <p>(b) Coal Owner(s) with Declaration</p> <p>Name <u>See Attached</u> Address _____</p> <p>(c) Coal Lessee with Declaration</p> <p>Name _____ Address _____</p>
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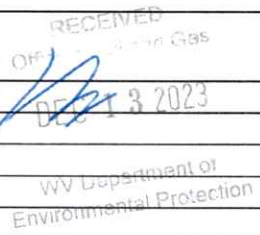
TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:

- (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 Diversified Production, LLC
 By: Chris Veazey
 Its: Permitting Supervisor
 Address 414 Summers Street
Charleston, WV 25301
 Telephone 304-590-7707



Subscribed and sworn before me this 30th day of November, 2023
 My Commission Expires September 29, 2028

Notary Public



Oil and Gas Privacy Notice

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

01/12/2024

Diversified Gas & Oil Corporation
Permitting Department
414 SUMMERS STREET
2ND. FLOOR
CHARLESTON WV 25301

DEC 13 2023

WV Department of
Environmental Protection

US POSTAGE AND FEES PAID
2023-11-30
25301
C4000004
Retail

4.0 OZ FLAT



0901000008694



USPS CERTIFIED MAIL™



9407 1361 0544 2762 3266 53



PATRICIA J RANDOLPH
189 RANDOLPH HOLLOW RD
CLARKSBURG WV 26301-7319

Diversified Gas & Oil Corporation
Permitting Department
414 SUMMERS STREET
2ND FLOOR
CHARLESTON WV 25301

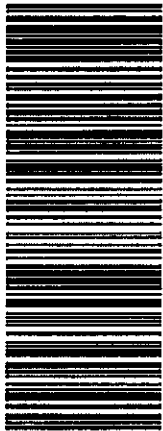
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C4000004
Retail
4.0 OZ FLAT



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9407 1361 0544 2762 3392 57



LINDA WIVELL
4075 CARRICK CT
EMMITSBURG MD 21727-9523

Diversified Gas & Oil Corporation
Permitting Department
414 SUMMERS STREET
2ND. FLOOR
CHARLESTON WV 25301

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WV Dept. of Transportation
Engineering Division

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9407 1361 0544 2762 3527 51



CHARLES HAUGHT
705 N WARFIELD DR
MOUNT AIRY MD 21771-5320

US POSTAGE AND FEES PAID
2023-11-30
25301
C4000004
Retail
4.0 OZ FLAT
0901000008670

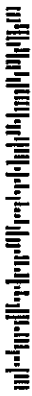


Diversified Gas & Oil Corporation
Permitting Department
414 SUMMERS STREET
2ND. FLOOR
CHARLESTON WV 25301

USPS CERTIFIED MAIL™



9407 1361 0544 2762 3831 13



PHILLIP HAUGHT
615 BARNES AVE
WESTMINSTER MD 21157-5954

RECEIVED
DEC 18 2023

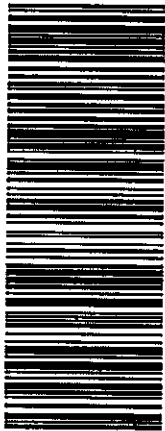
US POSTAGE AND FEES PAID
2023-11-30
25301
C4000004
Retail
4.0 OZ/EFLT
0901000009703



eSsyPost

Diversified Gas & Oil Corporation
Permitting Department
414 SUMMERS STREET
2ND FLOOR
CHARLESTON WV 25301

USPS CERTIFIED MAIL™



9407 1361 0544 2762 3684 86



WILLIAM HAUGHT
1900 ROSEMONT AVE
FREDERICK MD 21702-8249

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Office of the Chief Clerk
DEC 18 2023

US POSTAGE AND FEES PAID
2023-11-30
25301
C4000004
Retail
4.0 OZ FLAT



0901000008717



Coal Owners

API 47-041-01551

Linda Wivell

4075 Carrick Ct.
Emmitsburg, MD 21727

Charles Haught

705 N. Warfield Dr.
Mount Airy, MD 21771

Phillip Haught

615 Barnes Ave.
Westminster, MD 21157

William Haught

1900 Rosemont Ave.
Frederick, MD 21702

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DEC 13 2023
The Department of
Environmental Protection

01/12/2024

WW-9
(5/16)

API Number 47 - 041 - 01551
Operator's Well No. Reeder CW 3

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS
FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name: Diversified Production, LLC OP Code 494524121

Watershed (HUC 10) Gladly Fork Quadrangle Roanoke 7.5'

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: Production fluid and cement returns.

Will a synthetic liner be used in the pit? Yes No If so, what ml.? 20

Proposed Disposal Method For Treated Pit Wastes:

- Land Application (if selected provide a completed form WW-9-GPP)
- * Underground Injection (UIC Permit Number 2D03902327 002)
- 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: N/A

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. N/A

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

Additives to be used in drilling medium? N/A

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. N/A

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

-Landfill or offsite name/permit number? N/A

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 Chris Veazey

Company Official (Typed Name) Chris Veazey

Company Official Title Manager Plugging Operations

REC'D
Office of Oil and Gas
DEC 13 2023
WV Department of
Environmental Protection

Subscribed and sworn before me this 30th day of November, 2023

Notary Public Jeffrey Bush

My commission expires September 28, 2028



Proposed Revegetation Treatment: Acres Disturbed +/- 1 ac. Prevegetation pH _____

Lime 3 Tons/acre or to correct to pH 6.5

Fertilizer type 10-20-20 or Equivalent

Fertilizer amount TBD lbs/acre

Mulch 2 Tons/acre

Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
Red Fescue	40	Red Fescue	15
Alsike	5	Alsike Clover	5
Annual Rye	15		

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: Kenneth Greynold
Digitally signed by Kenneth Greynold
DN: cn = Kenneth Greynold, email = Kenneth.L.Greynold@wyo.gov, o = AD CD - WADSWORTH - Oil and Gas
Date: 2023.12.11 09:57:48 -0500

Comments: _____

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Office of Oil and Gas

DEC 13 2023

WYO Department of
Environment & Natural Resources

Title: _____ Date: _____

Field Reviewed? () Yes () No

WW-7
8-30-06



West Virginia Department of Environmental Protection
Office of Oil and Gas
WELL LOCATION FORM: GPS

API: 4704101551 WELL NO.: Reeder CW 3
FARM NAME: CW Reeder
RESPONSIBLE PARTY NAME: Diversified Production, LLC
COUNTY: Lewis DISTRICT: Courthouse
QUADRANGLE: Roanoke 7.5'
SURFACE OWNER: Patricia J. Randolph
ROYALTY OWNER: Joan Stadnyk, Margaret Haught, Penny Stalnaker, Stalnaker Family Trust
UTM GPS NORTHING: 4315751.34
UTM GPS EASTING: 549816.26 GPS ELEVATION: 1360.35'

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit or assigned API number on the above well. The Office of Oil and Gas will not accept GPS coordinates that do not meet the following requirements:

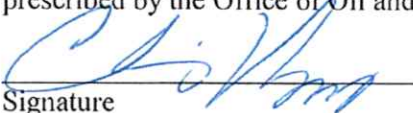
1. Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
2. Accuracy to Datum – 3.05 meters
3. Data Collection Method:

Survey grade GPS ____: Post Processed Differential ____
Real-Time Differential ____

Mapping Grade GPS X: Post Processed Differential X
Real-Time Differential ____

4. Letter size copy of the topography map showing the well location.

I the undersigned, hereby certify this data is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Office of Oil and Gas.


Signature

Chris Veazey - Permitting Supervisor
Title

11/30/23
Date

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WV Department of
Environmental Protection

01/12/2024



DIVERSIFIED
energy

Date: 11/30/2023

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

Mr. Martin,

Due to our cement provider, LaFarge Holcem, discontinuing the manufacturing of Class A cement, DGOC will be utilizing Class L cement to plug the following well:

API Number 4704101551 Well Name Reeder CW 3

Attached is the approved variance order for use of Class L cement.

Sincerely,

Chris Veazey
Permitting Supervisor
304-590-7707

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Office of Oil and Gas

DEC 13 2023

WV Department of
Environmental Protection



west virginia department of environmental protection

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

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

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

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

REPORT OF THE OFFICE

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

FINDINGS OF FACT

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

Promoting a healthy environment.

01/12/2024

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

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WV Department of
Environmental Protection

01/12/2024



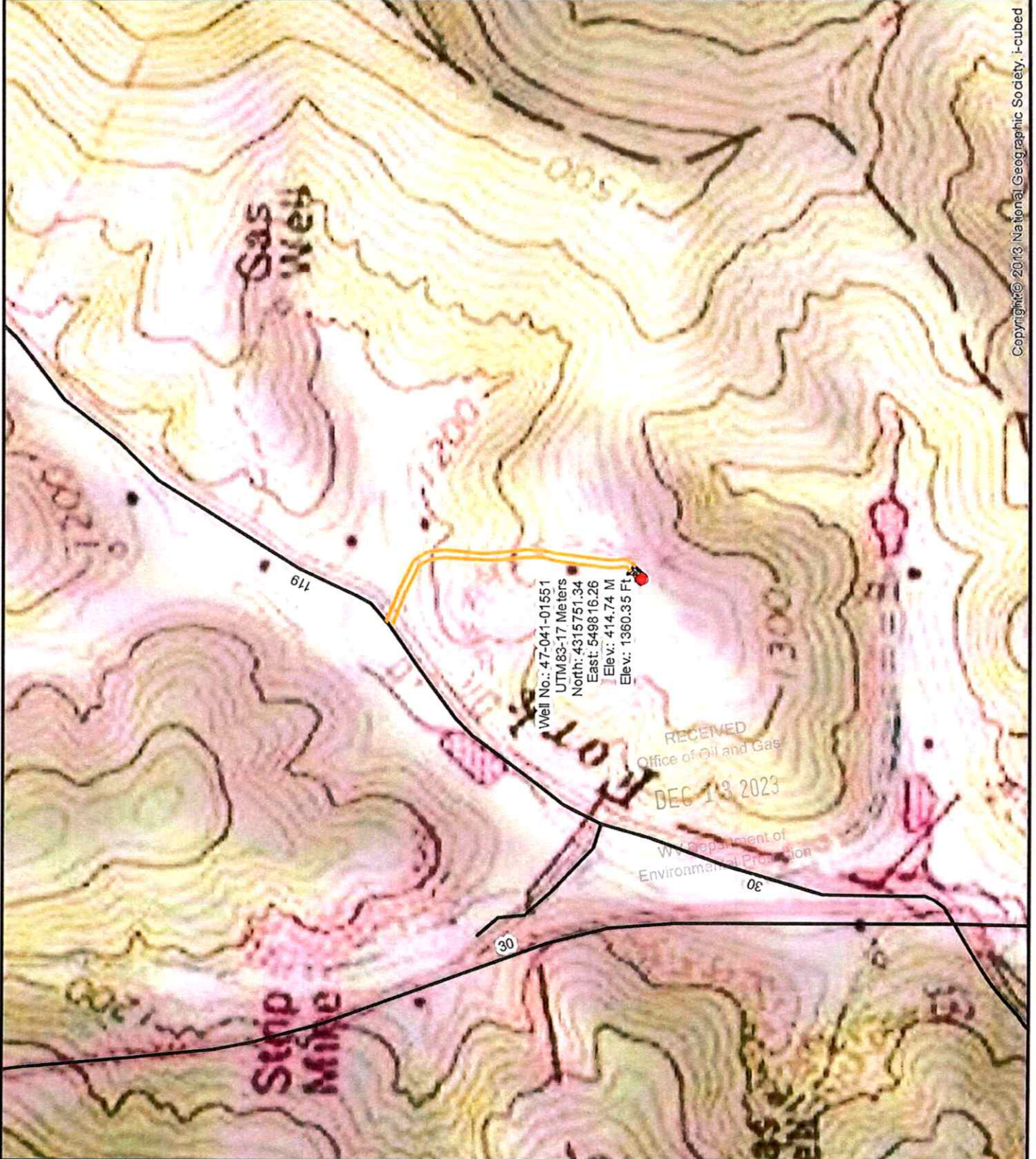
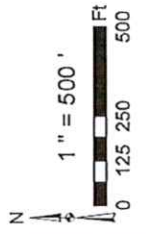
Diversified Gas & Oil Corporation
100 Diversified Way
Pikeville KY, 41051

47-041-01551

Plugging Map

Legend

- Well
- Access Road
- Pits
- Pad
- Public Roads



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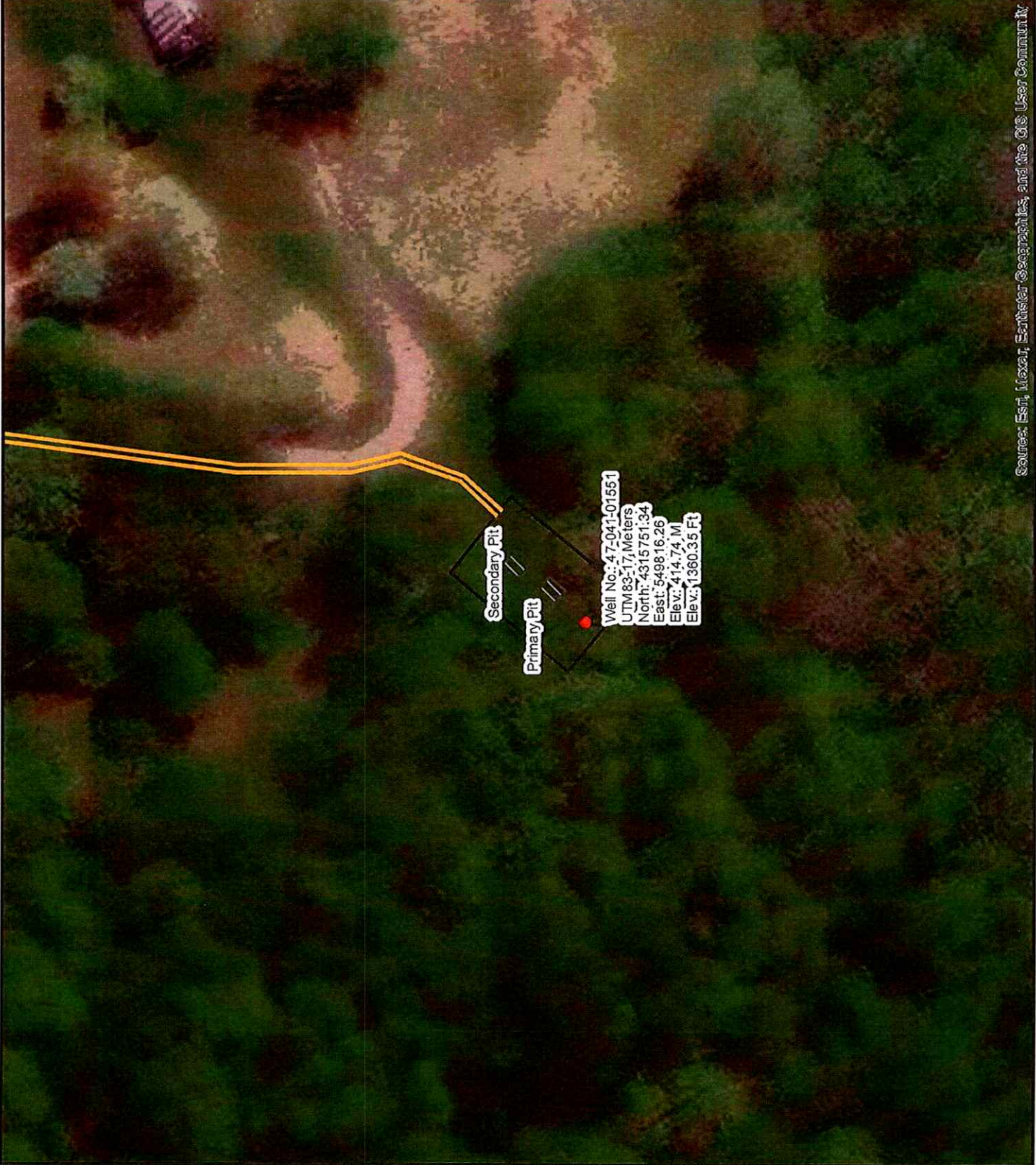
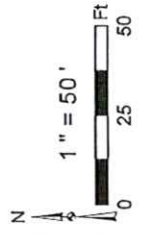
Diversified Gas & Oil Corporation
100 Diversified Way
Pikeville KY, 41051

47-041-01551

Plugging Map

Legend

- Well
- Access Road
- Pits
- Pad
- Public Roads



Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

WELL DETERMINATION REPORT

PARTICIPANTS:

DATE: June 25, 1979

BUYER-SELLER CODE

WELL OPERATOR: Union Drilling, Inc.

019434

FIRST PURCHASER: Equitable Gas Co.

025939

OTHER: _____

W. Va. Department of Mines, Oil & Gas Division
 WELL DETERMINATION FILE NUMBER
790224-108-04-1551
 Use Above File Number on all Communications
 Relating to Determination of this Well

Memo arguments in Section 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.

Plus Fee

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

ITEM NO.

- 1 FERC-121 Items not completed - Line No. _____
- 2 IV-1 - Agent K. R. Ranson
- 3 IV-2 - Well Permit
- 4 IV-6 - Well Plat
- 5 IV-35- Well Record Drilling Deepening _____
- 6 IV-36- Gas-Oil Test: Gas Only Was Oil Produced? Ratio
- 7 IV-38- Annual Production 2 years
- 8 IV-40- 90 day Production 91 Days off Line: _____
- 9 IV-48- Application for Certification. Complete?
- 10 - 17 IV Form 52 - 52 - 53 - 54 - 55 - 56 - 57 - 58. Complete Signed
- 16 - 28 Other: Survey _____ Logs _____ Geological Charts _____ Structure Map _____
 1:4000 Map _____ Well Fabrications _____ Gas Analyses _____
 (5) Date Completed: 7-5-1967 Deepened _____
 (5) Production Depth: 4650-4663
 (5) Production Formation: Benson Sand
 (5) Initial Potential: 58 MCFD DEC 18 1967
 (5) Static R.P. Initially: 1,000 lbs in 16 hrs.
 (6) Other Gas Test: _____
 (7) Avg. Daily Gas from Annual Production: $\frac{3953}{365} = 10.8 \text{ MCF}$
 (8) Avg. Daily Gas from 90-day endit. w/1-120 days $\frac{910}{91} = 10.0 \text{ MCF}$
 (8) Line Pressure: 38 lbs PSIG from Daily Report
 (5) Oil Production: ND From Completion Report _____
 (10-17) Does lease inventory indicate enhanced recovery being done: NO
 (10-17) Is affidavit signed? Notarized?
 Does official well record with the Department confirm the submitted information? yes
 Additional Information: _____ Does computer program confirm? _____
 Was Determination Ob. _____ d to? _____ By Whom? _____

DT

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

Permit No. LEW-1551

Oil or Gas Well _____
(KIND)

Company Union Drilling Co.
 Address Buckhannon
 Farm C. W. REEDER
 Well No. 153-E
 District COURT HOUSE County LEWIS
 Drilling commenced _____
 Drilling completed _____ Total depth 1180'
 Date shot _____ Depth of shot _____
 Initial open flow _____ /10ths Water in _____ Inch
 Open flow after tubing _____ /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock pressure _____ lbs. _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water 98' --- 1180' feet _____ feet
 Salt water _____ feet _____ feet

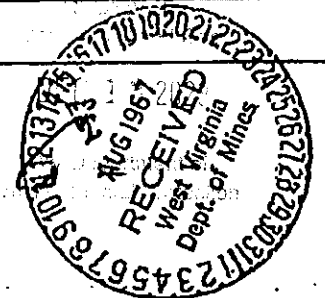
CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			Kind of Packer
16			
13			
10	<u>250'</u>		Size of
8 1/4	<u>1180'</u>		
6 3/8			Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____
 NAME OF SERVICE COMPANY _____
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES _____ FEET _____ INCHES
 _____ FEET _____ INCHES _____ FEET _____ INCHES

Drillers' Names _____

Remarks: _____

Contractor Union Drilling



August 9, 1967
DATE

William J. Blaser
DISTRICT WELL INSPECTOR

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

Permit No. EW-1551

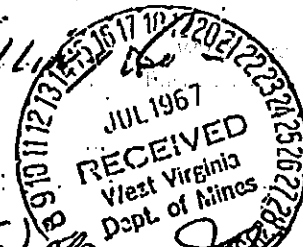
Oil or Gas Well _____
(KIND)

Company <u>Union Drilling Co.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>Buckhannon,</u>	Size			
Farm <u>C. W. REEDER</u>	16			Kind of Packer
Well No. <u>153-E</u>	13			
District <u>COURT HOUSE</u> County <u>Lewis</u>	10	<u>250'</u>		Size of
Drilling commenced _____	8 1/4			
Drilling completed _____ Total depth <u>472'</u>	6 3/8			Depth set
Date shot _____ Depth of shot _____	3			Perf. top
Initial open flow _____ /10ths Water in _____ Inch	2			Perf. bottom
Open flow after tubing _____ /10ths Merc. in _____ Inch	Liners Used			Perf. top
Volume _____ Cu. Ft.				Perf. bottom
Rock pressure _____ lbs. _____ hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY _____			
Fresh water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

Remarks:

Contractor Union Drilling Co.



William J. [Signature]
DISTRICT WELL INSPECTOR

July 14, 1967
DATE

01/12/2024

041-1551

RECEIVED
Office of Child Care
DEC 18 2023
NYC Department of
Environmental Protection

01/12/2024

SURFACE OWNER WAIVER

Operator's Well
Number

Reeder CW 3

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.

RECEIVED
Office of Oil and Gas
DEC 11 2024
WV DEPARTMENT OF ENVIRONMENTAL PROTECTION

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

01/12/2024

WW-4B

API No.	<u>4704101551</u>
Farm Name	<u>CW Reeder</u>
Well No.	<u>Reeder CW 3</u>

**INSTRUCTIONS TO COAL OPERATORS
OWNERS AND LESSEE**

The well operator named on the obverse side of WW-4 (B) is about to abandon the well described in the enclosed materials and will commence the work of plugging and abandoning said well on the date the inspector is notified. Which date shall not be less than five days after the day on which this notice and application so mailed is received, or in due course should be received by the Department of Environmental Protection Office of Oil & Gas.

This notice and application is given to you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not the operator will proceed to plug and fill said well in the manner required by Section 24, Article 6, Chapter 22 of the Code and given in detail on obverse side of this application.

NOTE: If you wish this well to be plugged according to 22-6-24(d) then as per Regulation 35CSR4-13.9 you must complete and return to this office on form OB-16 "Request by Coal Operator, Owner, or Lessee for plugging" prior to the issuance of this plugging permit.

WAIVER

The undersigned coal operator / owner / lessee / of the coal under this well location has examined this proposed plugging work order. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: _____

By: _____

Its _____

RECEIVED
DEPT. OF ENVIRONMENTAL PROTECTION
DEC 13 2023
West Virginia Department of
Environmental Protection

01/12/2024

11/10/2016

PLUGGING PERMIT CHECKLIST
4704101551

Plugging Permit

- WW-4B
- WW-4B signed by inspector
- WW-4A

- SURFACE OWNER WAIVER or PROOF THAT APPLICATION WAS SENT BY REGISTERED OR CERTIFIED MAIL
- COAL OWNER/COAL OPERATOR/COAL LESSEE WAIVERS or PROOF THAT APPLICATION WAS SENT BY REGISTERED OR CERTIFIED MAIL
- WW-9 PAGE 1 (NOTARIZED)
- WW-9 PAGE 2 with attached drawing of road, location, pit and proposed area for land application
- WW-9 GPP PAGE 1 and 2 if well effluent will be land applied
- RECENT MYLAR PLAT OR WW-7
- WELL RECORDS/COMPLETION REPORT
- TOPOGRAPHIC MAP OF WELL, SHOWING PIT IF PIT IS USED
- MUST HAVE VALID BOND IN OPERATOR'S NAME
- CHECK FOR \$100 IF PIT IS USED

RECEIVED
Office of Oil and Gas

DEC 13 2023

WV Department of Environmental Protection

01/12/2024



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

plugging permits have been issued for 4704101551 04105347 04102281 04103839 04100792

1 message

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

Mon, Jan 8, 2024 at 2:03 PM






To: Chris Veazey <CVeazey@dgoc.com>, Kenneth L Greynolds <kenneth.l.greynolds@wv.gov>, Austin Sutler <asutler@nextlvlenergy.com>, Phyllis Copley <pcopley@dgoc.com>, jbreen@assessor.state.wv.us

To whom it may concern, plugging permits have been issued for 4704101551 04105347 04102281 04103839 04100792.

James Kennedy

WVDEP OOG

5 attachments

-  **4704101551.pdf**
2323K
-  **4704105347.pdf**
2763K
-  **4704103839.pdf**
3232K
-  **4704102281.pdf**
3290K
-  **4704100792.pdf**
3992K

01/12/2024