

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, December 22, 2022 WELL WORK PLUGGING PERMIT Vertical Plugging

DIVERSIFIED PRODUCTION LLC 101 MCQUISTON DRIVE

JACKSON CENTER, PA 16133

Re:

Permit approval for G-323 47-097-01003-00-00

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: REED, J. C.

U.S. WELL NUMBER: 47-097-01003-00-00

Vertical Plugging
Date Issued: 12/22/2022

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.

WW-4B Rev. 2/01

1) Date November 4	ļ,	20 22
2)Operator's		
Well No. A-323		
3) API Well No.	47 - 097	- 01003

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

	OFFICE OF	OIL AND GAS
	APPLICATION FOR A PERI	MIT TO PLUG AND ABANDON
4)	Well Type: Oil/ Gas X/ Liquid	d injection/ Waste disposal/
	(If "Gas, Production X or Unc	derground storage) Deep/ Shallow X
5)	Location: Elevation 1669.43 feet	Watershed Grassy Run of Buckhannon River
	District Washington	County Upshur Quadrangle Sago NW
6)	Well Operator Diversified Production LLC	7)Designated Agent Charles Shafter
0,	Address 414 Summers Street	Address 414 Summers Street
	Charleston, WV 25301	Charleston, WV 25301
8)	Oil and Gas Inspector to be notified Name Sam Ward	No. 41 M. Empres
	Hane	Name Next LVL Energy
	Address P.O. Box 2327	Address 1951 Pleasantview Ridge Road
	Buckhannon, WV 26201	Ravenswood, WV 26164
	See Atta	RECEIVED Office of Oil and Gas
		NOV 9 2022
		WV Department of Environmental Protection
	fication must be given to the district o can commence.	il and gas inspector 24 hours before permitted
	order approved by inspector Samuel D. We	ard II II Digitally signed by Samuel D. Ward 11/4/22
vork	order approved by inspector	Date: 2022.11.04 12:11:04 -04'00' Date

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DEPARTMENT OF MINES

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Cable Tools

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PLUGGING PROGNOSIS

West Virginia, Upshur County API # 47-097-01654

Casing Schedule

12" csg @ 30' (cemented to surface)
8-5/8" csg @ 697' (cemented to surface)
4 ½" csg listed @ 4561' but drilling TD listed @ 2571' (I believe there is a typo) (est TOC 1170')

Completion: 5th Sand: 2396' -2406'

Fresh Water: 260'-350'
Salt Water: None Reported
Coal: None Reported
Oil Show: None Reported

Gas Show: 2396' -2406'; 1805'-1910'

Elevation: 1761'

Office of Oil and Gas

NOV 9 2022

WW Department of Environmental Protection

- 1. Notify inspector, Sam Ward @ 304-389-7583, 48 hrs. prior to commencing operations.
- 2. Tag TD w/ wireline.
- 3. TIH w/ tbg to 2406'. Kill well as needed with 6% bentonite gel. Pump 110' Class A/Class L Cement Plug from 2406' to 2296'. (Completion plug) Tag TOC and top off as needed.
- 4. TOOH w/ tbg to 2296'. Pump 6% bentonite gel from 2296' to 1910'
- 5. TIH w/ tbg to 1910'. Pump 249' Class A/Class L Cement plug from 1910' to 1661' (Gas Show & Elevation)
- 6. TOOH w/ tbg to 1661'. Pump 6% bentonite gel from 1661' to 747'
- 7. TOOH w/ tbg. Free point, cut, and TOOH w/ 4-1/2" csg. 100' Class A/Class L. Cement plug must be set 50' in/out of csg cut. Any plugs below must be perforated if csg remains at plug depth.
- 8. TOOH w/tbg to 747'. Pump 100' Class A/Class L Cement plug from 747' to 647' (8-5/8" csg seat)
- 9. TOOH w/tbg to 647'. Pump 6% bentonite gel from 647' to 400'
- 10. TIH w/tbg to 400'. Pump 190' Class A/Class L Cement Plug 400' to 210' (FW plug)
- 11. TOOH w/ tbg to 210'. Pump 6% bentonite gel from 210' to 100'
- 12. TIH w/ tbg to 100'. Pump 100' Class A/Class L Cement Plug 100' to surface (Surface plug)
- 13. Erect monument with API#, date plugged, & company name.
- 14. Reclaim location and road to WV-DEP specifications.

Samuel D. Ward II Digitally signed by Samuel D. Ward II
Date: 2022.11.04 12:11:48

WW-4A Revised 6-07

1)	Date:	November 4, 2022	
2)	Operator	r's Well Number	
	A-323		

TATE OF MEST VIDCINIA

3) API Well No.: 47 -

97 - 01003

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

4) Surface Ow (a) Name	ner(s) to be served: James D. Larosa	5) (a) Coal Operator Name	None	
Address	136 Carriage Lane	Address		
	Bridgeport, WV 26330			
(b) Name		(b) Coal Ow	ner(s) with Declaration	
Address		Name	James D. Larosa	
	(Address	136 Carriage Lane	
			Bridgeport, WV 26330	
(c) Name		Name		
Address		Address		
6) Inspector	Sam Ward	(c) Coal Les	see with Declaration	
Address	P.O. Box 2327	Name	No Declaration	
	Buckhannon, WV 26201	Address		
Telephone	304-389-7583			
Telephone				

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 hus 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.

9 2022 NOV OFFICIAL SEAL Diversified Production, LLC Well Operator NOTARY PUBLIC Austin Sutler WV Department of STATE OF WEST VIRGINIA Environmental Protection Phyllis A. Copley Its: Plugging Manager 144 Willard Circle Address 414 Summers Street ane, WV 25526 Charleston, WV 25301 ion Expires September 16, 2023 Telephone 304-419-2562

Subscribed and sworn before me this	day of November	Notary Public
My Commission Expires	ð	
4. 4	11 7173	

Oil and Gas Privacy Notice

September 16, 2023

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.

53	U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only	
吕	For delivery information, visit our website at www.usps.com®.	
+	OFFICIAL USE	
1694	Certified Mail Fee \$ Extra Services & Fees (check box, add fee as appropriate)	38
0000	Return Receipt (hardcopy) Return Receipt (electronic) Certified Mail Restricted Delivery Adult Signature Required Adult Signature Restricted Delivery \$	
3780	Postage \$	
m	Total Por A-323 47-097-01003	
	Sent To James D. Larosa	
7020	Street at 136 Carriage Lane	*******
~	City, Stai Bridgeport, WV 26330	
	PS Form	uctions

RECEIVED Office of Oil and Gas

NOV 9 2022

WV Department of Environmental Protection WW-9 (5/16)

API No. 47 097 01003 Operator's Well No. A-323

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) Grassy Run of Buckhannon River Quadrangle Sago NW	
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 V No	
If so, please describe anticipated pit waste: Produced 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:	SDW 11/4/22
Land Application (if selected provide a completed form WW-9-GPP) Underground Injection (UIC Permit Number 2D08300792002 Reuse (at API Number Off Site Disposal (Supply form WW-9 for disposal location) Other (Explain	
Will closed loop systembe used? If so, describe: Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. -If oil based, what type? Synthetic, petroleum, etc. Additives to be used in drilling medium?	
Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc.	
-If oil based, what type? Synthetic, petroleum, etc.	
-If oil based, what type? Synthetic, petroleum, etc	2
Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc.	
-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust)	
-Landfill or offsite name/permit number?	
Permittee shall provide written notice to the Office of Oil and Oas of any load of drill cuttings or associated waste reject West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also where it was properly disposed.	ted at any
I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION Pron April 1, 2016, by the Office of Oil and Cas of the West Virginia Department of Environmental Protection. I under provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other corregulation can lead to enforcement action. I certify under penalty of law that I have personally examined and am familiar with the information subapplication form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible the information, I believe that the information is true, accurate, and complete. I am aware that there are significant submitting false information, including the possibility of fine or imprisonment. Company Official Signature Company Official Title Plugging Manager Notary My Commission Expires	rstand that the applicable law mitted on this e for o btaining t penalties for LSEAL SEAL COPIES T VIRGINIA COPIES TOTAL COPIES TOTAL SEAL SEAL SEAL SEAL SEAL SEAL SEAL SE
Subscribed and sworn before me this 4th day of November, 20 22 Phylis a. Aply Notary Public My commission expires September 16, 2023	

Form	W	W	-9

roposed Revegetation Treatn	nent: Acres Disturbed 1+/-	Preveg etation p	Н
	Tons/acre or to correct to pl		
Fertilizer type	20 or equivalent		
		lbs/acre	
	Tons	s/acre	
	Se	ed Mixtures	
Ter	nporary	Perma	anent
Seed Type	lbs/acre	Seed Type	lbs/acre
Red Fescue	40	Red Fescue	15
Alsike	5	Alside Clover	5
Annual Rye	15		
Attach:	and proposed area for land applicit will be land applied, provide	lication (unless engineered plans inclu water volume, include dimensions (L	ıding this info have been , W, D) of the pit, and di
Attach: Maps(s) of road, location, pit provided). If water from the plants, and area in acres, of Photocopied section of involves.	and proposed area for land application in the land applied, provide the land application area. ved 7.5' topographic sheet.	lication (unless engineered plans incluwater volume, include dimensions (L	uding this info have been, W, D) of the pit, and di
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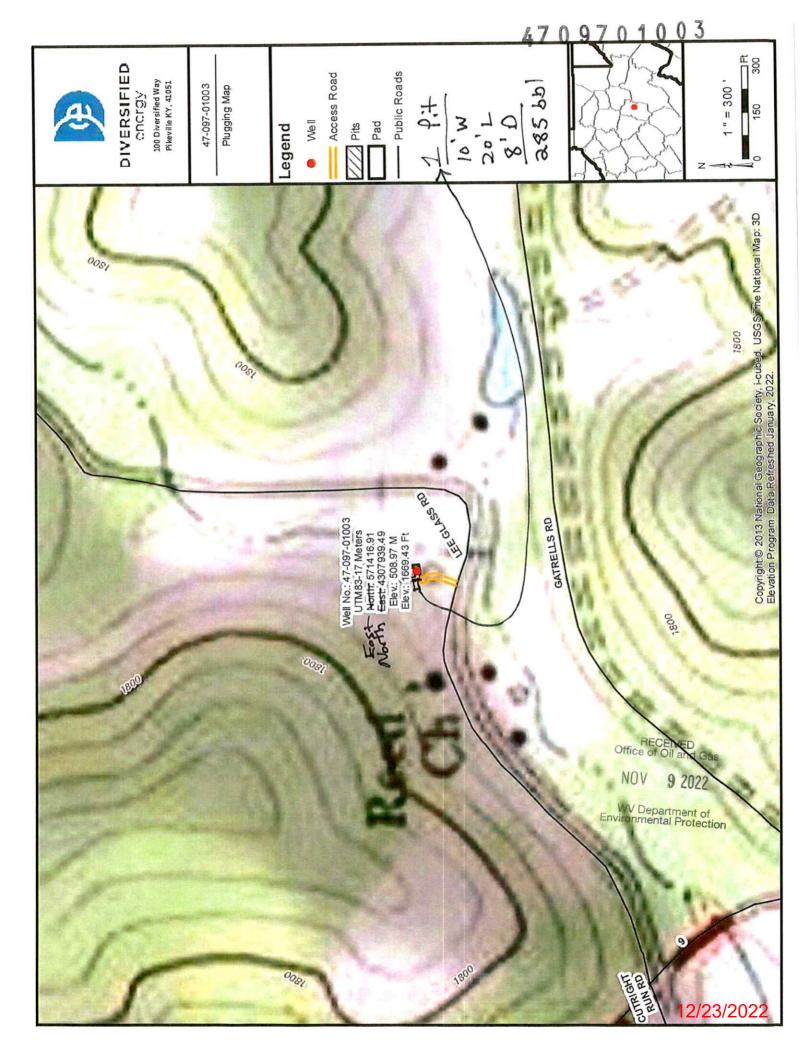
WW-7 8-30-06



West Virginia Department of Environmental Protection Office of Oil and Gas

WELL LOCATION FORM: GPS

470704000	A	202		
_{API:} 4709701003	WELL NO.: A-	-323		
FARM NAME: J C Reed				
RESPONSIBLE PARTY NAME:	Diversified Production	on LLC		
COUNTY: Upshur	bistrict: Was	shington		
QUADRANGLE: Sago NW				
surface owner: James D). Larosa			
ROYALTY OWNER: John R.	Shomo			
UTM GPS NORTHING: 43079				
UTM GPS EASTING: 571416.		_{ON:} 1669.43		
The Responsible Party named above In preparing a new well location plat for above well. The Office of Oil and Gast the following requirements: 1. Datum: NAD 1983, Zone: 1. height above mean sea leven above mean sea le	a plugging permit or assigned As will not accept GPS coordinate 17 North, Coordinate Units: met el (MSL) – meters.	PI number on the s that do not meet teren literal lite		
	ne Differential	Mental Prote of		
Mapping Grade GPS X : Post 1	Processed Differential X	oction		
	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.				
Digitally signed by Austin Sulter Date: 2022.11.03 15:55:58 -04'00'	Asset Retirement Manager	11/3/2022		
Signature	Title	Date		





To Whom it May Concern,

Attached is an amendment that has been submitted to Chief of the office of oil and gas of the West Virginia Department of Environmental Protection. The subject well is listed within the letter to the Chief.

Thank You.





11/04/2022

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:

47-097-01003

J C Reed

Well A-323

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

Sincerely,

Austin Sutler Asset Retirement Manager



SDW 11/4/22



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

OF OIL AND GAS WELLS	,	Environce 9 2022
OF OIL AND GAS WELLS)	NOV POLINED
35CSR8 SECTION 20.1, RELATING TO THE CEMENTING)	OMIC PRECE
SECTION 14.1. AND LEGISLATIVE RULE)	
IN THE MATTER OF A VARIANCE FROM LEGISLATIVE RULE 35CSR4)	ORDER NO. 2022-13

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

- 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.
- 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.

 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

Environmental Protection

James Martin, Chief Office of Oil and Gas

12/23/2022



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

plugging permits issued 4709702808 09701003

1 message

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

Thu, Dec 22, 2022 at 11:08 AM

To: Samuel D Ward <samuel.d.ward@wv.gov>, Austin Sutler <asutler@dgoc.com>, Phyllis Copley <pcopley@dgoc.com>, dwzickefoose@upshurcounty.org

To whom it may concern, plugging permits have been issued for 4709702808 09701003.

James Kennedy

WVDEP OOG

4 attachments



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4709702808.pdf 1998K



IR-8 4709701003.pdf 120K



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