

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, March 14, 2024
WELL WORK PLUGGING PERMIT
Vertical Plugging

DIVERSIFIED PRODUCTION LLC 101 MCQUISTON DRIVE

JACKSON CENTER, PA 16133

Re:

Permit approval for 9 47-049-00919-00-00

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: 9

Farm Name: BLACKSHERE, E. A.

U.S. WELL NUMBER: 47-049-00919-00-00

Vertical Plugging
Date Issued: 3/14/2024

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.

WW-4B Rev. 2/01

1) Date January 23	20 24
2) Operator's	
Well No. EA Blackshere 9	
3) APT Well No. 47-049	- 00919

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

4) Well Type:		id injection/ Waste disposal/ nderground storage) Deep/ Shallow/
5) Location:	Elevation 1427.72	Watershed Mahans Run
	District Mannington	County Marion Quadrangle Mannington 7.5'
6) Well Opera	ator Diversified Production, LLC	7) Designated Agent Chris Veazey
	ress 414 Summers Street	Address 414 Summers Street
	Charleston, WV 25301	. Charleston, WV 25301
Oil and Gas Name Ke	Inspector to be notified	9) Plugging Contractor Name Next LVL Energy (Diversified Owned)
	s 2393 Tallmansville Rd.	Address 104 Helliport Loop Rd
		D.:d
See	Buckannon, WV 26201 r: The work order for the ma Attached	nner of plugging this well is as follows: Office of Oil and Gas JAN 2 9 2024
	r: The work order for the ma	nner of plugging this well is as follows: Office of Oil and Gas
	r: The work order for the ma	nner of plugging this well is as follows: Office of Oil and Gas JAN 2 9 2024

47049009198

Plugging Prognosis

API#: 4704900919 BLACKSHERE No. 9

Jest Virginia Marian County

West Virginia, Marion County

30011

No Well Record for this well, offset well data from 4704900486 used to develop procedure.

Casing Schedule

10" @ 637' 8-1/4" @ 1687' (no cement or packer data) 6-5/8" @ 2127' (no cement or packer data) TD @ 2259'

Completion: Perforation - not listed

Fresh Water: None Listed Salt Water: None Listed Gas Shows: 2239' Oil Shows: 2246'

Coal: 700'-704'; 815'-820'

Elevation: 1427'

- 1. Notify Inspector Kenny Willett @ 681-990-2567, 48 hrs prior to commencing operations.
- 2. Check TD w/ sandline/tbg.
- 3. Check and record pressures on csg/tbg
- 4. Pump Gel between each plug.
- 5. Run in to 2250'. Kill well as needed with 6% bentonite gel and fill rat hole with gel. Pump at least 10 bbls gel. Pump 173' Class L cement plug from **2250' to 2077' (Hydrocarbon show plug)**. Tag TOC. Top off as needed.
- 6. Free point 6-5/8" 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. Do not omit any plugs listed below. Perforate as needed.
- 7. Attempt to pull 8-1/4" csg, if it isn't pulled, set plug across shoe: TOOH w/ tbg to 1286'. Pump 100' Class L cement plug from 1737' to 1637' (8-1/4" csg shoe plug).
- 8. Free point 8-1/4" 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. Do not omit any plugs listed below. Perforate as needed.
- 9. TOOH w/tbg to 1396'. Pump 100' Class L cement plug from 1477' to 1377' (Elevation plug).
- 10. TOOH w/ tbg to 870'. Pump 220' *Expandable Class L* cement plug from **870' to 650' (Coal Show plug)**.
- 11. Attempt to pull 10" csg, if it isn't pulled, set plug across shoe: TOOH w/ tbg to 650'. Pump 63' Class L cement plug from 650' to 587' (10" csg shoe plug).
- 12. Free point 10" 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. Do not omit any plugs listed below. Perforate as needed.
- 13. TOOH w/tbg to 100'. Pump 267' Class L cement plug from 100' to Surface. (Surface plug).
- 14. Reclaim location and well road to WV DEP specifications and erect P&A well monument.

Ky Willed 03/15/2024



Select County:	(049) Marion	~	Select datatypes: (Check All)	
Enter Permit #:	00919		Location	Production	Plugging
			Owner/Completion	Stratigraphy	Sample
Get Data	Reset		Pay/Show/Water	Logs	Btm Hole Loc

Table Descriptions
County Code Translations
Permit-Numbering Series Usage Notes Contact Inform Disclaimer WVGES Main "Pipeline-Plus" New

WV Geological & Economic Survey:

Well: County = 49 Permit = 00919 Link to all digital records for well

Report Time: Wednesday, February 14, 2024 2:52:50 PM

 Location Information:
 View Map.

 API
 COUNTY
 PERMIT TAX_DISTRICT
 QUAD_75
 QUAD_15
 LAT_DD
 LON_DD
 UTMR
 UTMN

 4704900919
 Marion
 919
 Mannington
 Mannington
 Mannington
 39.55276
 -80.314062
 558931.9
 4378344.5

There is no Bottom Hole Location data for this well

Owner Information:

API CMP_DT SUFFIX STATUS SURFACE_OWNER WELL_NUM CO_NUM LEASE LEASE_NUM MINERAL_OWN OPERATOR_AT_COMPLETION PROP_VD PROP_TRGT_FM TFM_EST_PR 4704900919 1/7/1914 Original Loc Completed E.A. Blackshear 9 South Penn Oil (S. Penn Nat. Gas)

Completion Information:

API CMP_DT SPUD_DT ELEV DATUM FIELD DEEPEST_FM DEEPEST_FMT INITIAL_CLASS FINAL_CLASS TYPE RIG CMP_MTI
4704900919 1/7/1914 10/11/1913 1430 Derrick Floor Mannington Big Injun (Price&eq) Big Injun (Price&eq) Development Well Development Well Did Cable Tool unknown CMP_MTHD TVD TMD NEW_FTG KOD G_BEF G_A 2344

 Pay/Show/Water Information:

 API
 CMP_DT
 ACTIVITY
 PRODUCT
 SECTION
 DEPTH_TOP
 FM_TOP

 4704900919
 1/7/1914
 Pay
 Oil
 Vertical
 2329
 Big Injun
 DEPTH_BOT FM_BOT G_BEF G_AFT O_BEF O_AFT WATER_QNTY 2329 Big Injun (Price&eq) 2344 Big Injun (Price&eq)

Production	Gas Information: (Volumes															
API	PRODUCING_OPERATOR	PRD_YEAR	ANN GAS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM	1
4704900919	Hefner, G. B., & Associates, Inc.	1990	- 0	0	0		0	0	0	0	0	0	0	0	0	1
4704900919	Hefner, G. B., & Associates, Inc.	1991	204				17	17	17	17		17	17	17	17	ı
4704900919	Hefner, G. B., & Associates, Inc.	1992	144	12	12	12	12	12	12	12		12	12	12	12	ı
	Hefner, G. B., & Associates, Inc.	1993	36	3	3	3	3	3	3	3	3	3	3	3	3	
	Cobham Gas Industries, Inc.	1994														ı
	Cobham Gas Industries, Inc.	1995														ı
	Cobham Gas Industries, Inc.	1997		0	0	0	0	0	0	0	0	0	0	0	0	ı
	Cobham Gas Industries, Inc.	1998		0		0	0	0	0	0	0	0	0	0	0	ı
	Cobham Gas Industries, Inc.	1999		0			0	0	0	0	0	0	0	0	0	П
	Cobham Gas Industries, Inc.	2001		0			0	0	0	0	0	0	0	0	0	ı
	Cobham Gas Industries, Inc.	2002	0	0	0		0	0	0	0	0	0	0	0	0	ı
	Cobham Gas Industries, Inc.	2003	0	0		0	0	0	0	0	0	0	0	0	0	
	Cobham Gas Industries, Inc.	2004	0	0	0	0	0	0	0	0	0	0	0	0	0	ı
	Cobham Gas Industries, Inc.	2006	0	0	0		0	0	0	0	0	0	0	0	0	L
4704900919	Trans Energy, Inc.	2006	0	0			0	0	0	0	0	0	0	0	0	
4704900919	Trans Energy, Inc.	2007		0			0	0	0	0	0	0	0	0	0	1
	Trans Energy, Inc.	2008		0			0	0	0	0	0	0	0	0	0	1
	Trans Energy, Inc.	2009	0	0		0	0	0	0	0	0	0	0	0	0	1
	Trans Energy, Inc.	2010	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	Trans Energy, Inc.	2011	0	0	0		0	0	0	0	0	0	0	0	0	ı
	Trans Energy, Inc.	2012		0	0	0	0	0	0	0	0	0	0	0	0	1
	Diversified Resources, Inc.	2013		0	0	0	0	0	0	0	0	0	0	0	0	ı
	Diversified Resources, Inc.	2014		4	4	4	4	4	4	4	4	4	4	4	4	ı
	Diversified Resources, Inc.	2016		2		0	2	0	0	2	0	0	2	0	2	ı
	Diversified Resources, Inc.	2017		0	0	0	0	0	0	0	0	0	0	0	0	ı
	Diversified Resources, Inc.	2018		0			0	0	0	0	0	0	0	0	0	1
	Diversified Resources, Inc.	2019	0	0	0	0	0	0	0	0	0	0	0	0	0	L
	Alliance Petroleum Corportation	2020	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	Diversified Production, LLC	2021	0	0	0	0	0	0	0	0	0	0	0	0	0	ı
4704900919	Diversified Production, LLC	2022	0	0	0	0	0	0	0	0	0	0	0	0	0	ı

Production Oil Information: (Volumes in Bbl) ** some operators may have reported NGL under Oil *2023 data for H6A wells only. Other wells are incomplete at this time.

API	PRODUCING_OPERATOR	PRD_YEAR	ANN OIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4704900919	Hefner, G. B., & Associates, Inc.	1990	12	1	1	1	1	1	1	1	1	1	1	1	1
4704900919	Hefner, G. B., & Associates, Inc.	1991	0	0	0	0	0	0	0	0	0	0	0	0	0
4704900919	Hefner, G. B., & Associates, Inc.	1992	0	0	0	0	0	0	0	0	0	0	0	0	0
4704900919	Hefner, G. B., & Associates, Inc.	1993	0	0	0	0	0	0	0	0	0	0	0	0	0
4704900919	Cobham Gas Industries, Inc.	1994													
4704900919	Cobham Gas Industries, Inc.	1995													
4704900919	Cobham Gas Industries, Inc.	1997	0	0	0	0	0	0	0	0	0	0	0	0	0
4704900919	Cobham Gas Industries, Inc.	1998	0	0	0	0	0	0	0	0	0	0	0	0	0
4704900919	Cobham Gas Industries, Inc.	1999	15	0	0	0	0	0	0	0	5	10	0	0	0
4704900919	Cobham Gas Industries, Inc.	2001	0	0	0	0	0	0	0	0	0	0	0	0	0
4704900919	Cobham Gas Industries, Inc.	2002	6	0	0	0	0	6	0	0	0	0	0	0	0
4704900919	Cobham Gas Industries, Inc.	2003	13	0	0	0	0	10	0	3	0	0	0	0 0 0 0	0
	Cobham Gas Industries, Inc.	2004	0	0	0	0	0	0	0	0	0	0	0	0	0
4704900919	Cobham Gas Industries, Inc.	2006	0	0	0	0	0		0	0	0	0	0	0	0
4704900919	Trans Energy, Inc.	2006	0	0	0	0	0	0	0	0	0	0	0	0	0
4704900919	Trans Energy, Inc.	2007	0	0	0	0	0	0	0	0	0	0	0	0 0 0 0 0 0 0	0
4704900919	Trans Energy, Inc.	2008	0	0	0	0	0	0	0	0	0	0	0	0	0
4704900919	Trans Energy, Inc.	2009	0	0	0	0	0	0	0	0	0	0	0	0	0
4704900919	Trans Energy, Inc.	2010	0	0	0	0	0	0	0	0	0	0	0	0	0
4704900919	Trans Energy, Inc.	2011	0	0	0	0	0	0	0	0	0	0	0	0	0
4704900919	Trans Energy, Inc.	2012	0	0	0	0	0	0	0	0	0	0	0	0	0
4704900919	Diversified Resources, Inc.	2013	0	0	0	0	0	0	0	0	0	0	0	0	0
4704900919	Diversified Resources, Inc.	2014	0	0	0	0	0	0	0	0	0	0	0	0	0
4704900919	Diversified Resources, Inc.	2016	0												-
4704900919	Diversified Resources, Inc.	2017	0												
4704900919	Diversified Resources, Inc.	2018	0	0	0	0	0	0	0	0	0	0	0	0	0
	Diversified Resources, Inc.	2019	0	0	0	0	0	0	0	0	0	0	0	0	0
4704900919	Alliance Petroleum Corportation	2020	0	0	0	0	0	0	0	0	0	0	0	0	Õ
4704900919	Diversified Production, LLC	2021	0	0	0	0	0	0	0	0	0	0	0	0	0
4704900919	Diversified Production, LLC	2022	0	0	0	0	0	0	0	0	0	Ö	0	0	0

Production NGL Information: (Volumes in Bbl) ** some operators may have reported NGL under Oil * 2023 data for H6A wells only. Other wells are incomplete at this time.

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API	PRODUCING_OPERATOR	PRD_YEAR	ANN NGL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
	Diversified Resources, Inc.	2013		0	0	0	0	0	0	0	0	0	0	0	0
4704900919	Diversified Resources, Inc.	2014	0	0	0	0	0	0	0	0	0	0	0	0	0
4704900919	Diversified Resources, Inc.	2016	0										-		
4704900919	Diversified Resources, Inc.	2018	0	0	0	0	0	0	0	0	0	0	0	0	0
4704900919	Diversified Resources, Inc.	2019	0	0	0	0	0	0	0	0	0	0	0	0	0
4704900919	Alliance Petroleum Corportation	2020	0	0	0	0	0	0	0	0	0	0	0	0	0
4704900919	Diversified Production, LLC	2021	0	0	0	0	0	0	0	0	0	ő	Ô	ő	0
4704900919	Diversified Production, LLC	2022	0	0	. 0	0	0	0	0	Ô	0	0	0	0	0

Production Water Information: (Volumes in Gallons) * 2023 data for H6A wells only. Other wells are incomplete at this time.

API	PRODUCING_OPERATOR	PRD_YEAR	ANN WTR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4704900919	Diversified Resources, Inc.	2016	- 0				0.000,000								20
	Diversified Resources, Inc.	2018	0	0	0	0	0	0	0	0	0	0	0	0	0
	Diversified Resources, Inc.	2019	0	0	0	0	0	0	0	0	0	0	0	0	0
	Alliance Petroleum Corportation	2020	0	0	0	0	0	0	0	0	0	0	0	0	0
	Diversified Production, LLC	2021	0	0	0	0	0	0	0	0	0	0	0	0	0
4704900919	Diversified Production, LLC	2022	0	0	0	0	0	0	0	0	0	0	0	0	0

Stratigraphy Information:

API	SUFFIX	FM	FM_QUALITY	DEPTH_TOP	DEPTH_QUALITY	THICKNESS	THICKNESS_QUALITY	ELEV	DATUM
4704900919	Original Loc	Sewickley coal	Well Record	785	Reasonable	0	Reasonable	1430	Derrick Floor
4704900919	Original Loc	Pittsburgh coal	Well Record	885	Reasonable	10	Reasonable	1430	Derrick Floor
4704900919	Original Loc	Little Lime	Well Record	2110	Reasonable	20	Reasonable	1430	Derrick Floor
4704900919	Original Loc	Pencil Cave	Well Record	2145	Reasonable	5	Reasonable	1430	Derrick Floor
4704900919	Original Loc	Big Lime	Well Record	2150	Reasonable	70	Reasonable	1430	Demick Floor
4704900919	Original Loc	Big Injun (undiff)	Well Record	2220	Reasonable	0	Reasonable	1430	Derrick Floor

- Wireline (E-Log) Information:
 * There is no Scanned/Raster Log data for this well
- * There is no Digitized/LAS Log data for this well
- * There is no Scanned or Digital Logs available for download

There is no Plugging data for this well

There is no Sample data for this well

WW-4A Revised 6-07

1) Date: 1/23/20	24		
2) Operator's Well Numb	er EA Blacks	shere 9	

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

		NOTICE OF ALTEROA	HION TO THE GALL	MORE TO SERVICE
4)	Surface Own (a) Name	er(s) to be served: Larry W. Watson	5) (a) Coal Operator Name	JAN 2 9 2024
	Address	833 Llewelleyn Run Rd.	Address	WV Department
	Address			Environmental Protection
	(I-) NI	Mannington, WV 26582	(b) Coal Own	ner(s) with Declaration
	(b) Name		Name	G.L. Dudley, Heirs & Assigns
	Address	-	Address	401 Ocean Bluffs Blvd. #506
		-	Address	Jupiter, FL 33477
	(a) Nama		Name	
	(c) Name		Address	
	Address			
(n)	T	Kenny Willett	(c) Coal Less	see with Declaration
0)	Inspector		Name	
	Address	2393 Tallmansville Rd.	Address	
		Buckannon, WV 26201	Address	
	Telephone	(681) 990-2567		
		The second second second	D	
T	O THE PE	RSONS NAMED ABOV	E: You should have rece	ived this Form and the following documents:
	well i	pplication to Plug and Abandon a W ts and the plugging work order; and lat (surveyor's map) showing the wel		sets out the parties involved in the work and describes the

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

Subscribed and sworn before me this

day of

OFFICIAL SEAL NOTARY PUBLIC TATE OF WEST VIRGINIA Jeffrey Bush 1007 Henry St Ravenswood, WV 26164

My Commission Expires

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.

RECEIVED
Office of Oil and Gas

JAN **2 9** 2024

WV Department of Environmental Protection

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

USPS CERTIFIED MAIL™

US POSTAGE AND FEES PAID GOSYPOST
2024-01-23
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03/15/2024

HECEIVED HECEIVED GAS OF ON AND 2024

JAN 29 2024

JAN 2028 Intent of Environmental Protection

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

լ-կիլ-եր-իդ-դրվել-եւ-մի-կիլիկ-մե-միլ-կիլի-կիլ LARRY W WATSON 833 LLEWELLYN RUN RD

MANNINGTON WV 26582-5203



Date: 1/23/2024

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 4704900919

Well Name EA Blackshere 9

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

Sincerely,

Chris Veazey Permitting Supervisor 304-590-7707





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.

Environmental Protection

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

CONCLUSIONS OF LAW

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

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

ORDER

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

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

IN THE NAME OF THE STATE OF WEST VIRGINIA

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

James Martin, Chief Office of Oil and Gas

	4 7	0	4 9 0 0	-	
API Number 47 - Operator's Well No		ackeh			

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)_Mahans Run	Quadrangle Mannington 7.5'
Do you anticipate using more than 5,000 bbls of water to com If so, please describe anticipated pit waste:	Will a pit be used? Yes No
If so, please describe anticipated pit waste:	No If so, what ml.? 20
ti in a by minorio into the analysis in a second in the se	Office RECEI
Proposed Disposal Method For Treated Pit Wastes:	and C
Land Application (if selected provide * Underground Injection (UIC Permit 1 Reuse (at API Number Off Site Disposal (Supply form WW- Other (Explain	9 for disposal location) Environmental Profes
Will closed loop systembe 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 o	ffsite, etc.N/A
-If left in pit and plan to solidify what medium will be u	sed? (cement, lime, sawdust)N/A
-Landfill or offsite name/permit number? N/A	
Permittee shall provide written notice to the Office of Oil and Ga West Virginia solid waste facility. The notice shall be provided where it was properly disposed.	s of any load of drill cuttings or associated waste rejected at any within 24 hours of rejection and the permittee shall also disclose
on April 1, 2016, by the Office of Oil and Gas of the West Virg provisions of the permit are enforceable by law. Violations of an or regulation can lead to enforcement action. I certify under penalty of law that I have personally application form and all attachments thereto and that, based on n the information, I believe that the information is true, accurate submitting false information, including the possibility of fine or i	onditions of the GENERAL WATER POLLUTION PERMIT issued in a Department of Environmental Protection. I understand that the system or condition of the general permit and/or other applicable law examined and am familiar with the information submitted on this sy inquiry of those individuals immediately responsible for obtaining and complete. I am aware that there are significant penalties for imprisonment.
Company Official Signature	
Company Official (Typed Name) Chris Veazey	
Company Official Title_Manager Plugging Operations	
Subscribed and swom before me this day of day of My commission expires	Notary Publis OFFICIAL SEAL NOTARY PUBLIC STATE OF WEST VIRGINIA Jeffrey Bush

	ment: Acres Disturbed	1 ac. Preveg etation	
Lime 3	Tons/acre or to correct	to pH6.5	JAN 29 2024
Fertilizer type 10-	20-20 or Equivalent	₹.	JAN 20 and G
Fertilizer amount_	TBD	lbs/acre	Environmental Protection
Mulch2		_Tons/acre	Environmental Protection
		Seed Mixtures	
T	emporary	J	Permanent
Seed Type	lbs/acre	Seed Type	lbs/acre
Red Fescue	40	Red Fescue	15
Alsike	5	Alside Clover	5
Annual Rye	15		
Maps(s) of road, location, provided). If water from the L, W), and area in acres, or	e pit will be land applied, pr	d application (unless engineered plans rovide water volume, include dimension.	s including this info have been ons (L, W, D) of the pit, and dii
provided). If water from the L, W), and area in acres, or Photocopied section of involved	e pit will be land applied, profithe land application area. Solved 7.5' topographic sheet	ovide water volume, include dimension.	ns (L, W, D) of the pit, and dir
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WW-7 8-30-06

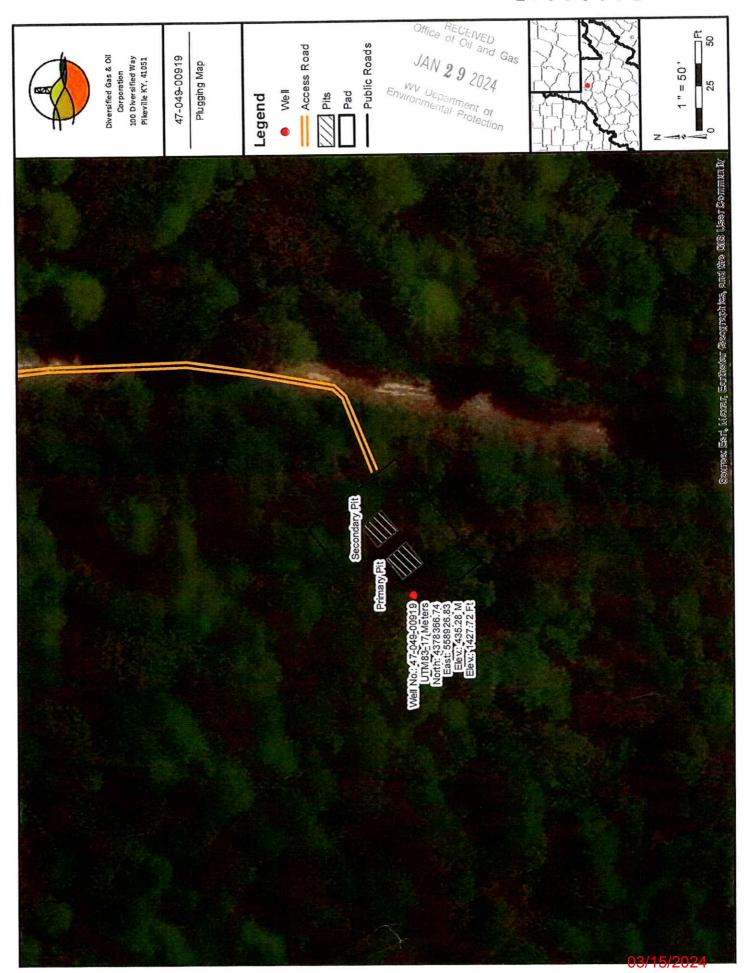


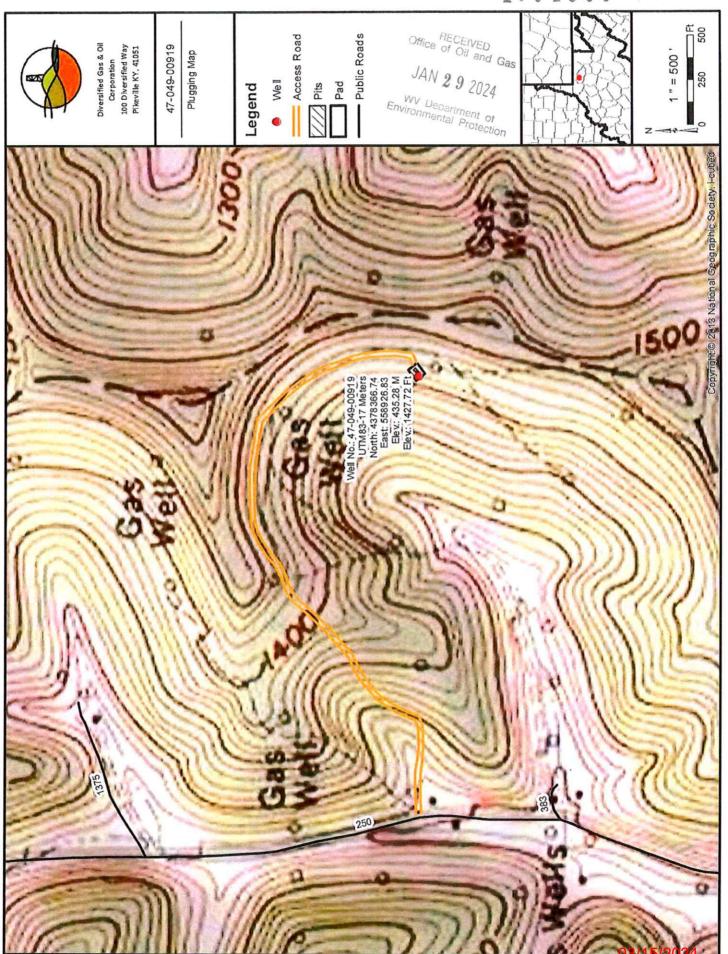


West Virginia Department of Environmental Protection Office of Oil and Gas

WELL LOCATION FORM: GPS

арт:_ 4704900919	WELL NO.: EA Blackshere 9	
FARM NAME: EA Blackshere		
RESPONSIBLE PARTY NAME: Diversifie	d Production, LLC	
county: Marion		
QUADRANGLE: Mannington 7.5'		
surface owner: Larry W. Wats		
ROYALTY OWNER: Clarence A. S		
UTM GPS NORTHING: 4378366.74		
UTM GPS EASTING: <u>558926.83</u>		
UTM GPS EASTING: <u>00920.00</u>	GFS ELEVATION. 1421.12	
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:		
 Datum: NAD 1983, Zone: 17 North height above mean sea level (MSL) Accuracy to Datum – 3.05 meters Data Collection Method: Survey grade GPS: Post Processed D 		
Real-Time Differ		
Mapping Grade GPS X: Post Processed	d 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. Chris Veazey - Permitting Supervisor O1/23/24		
Signature	Title Date	







Office of Oil and Gas

JAN 29 2024

WV Department of Environmental Protection

January 23, 2024

Kenny Willett 2393 Tallmansville Rd. Buckhannon, WV 26201

Mr. Willett,

Please find enclosed a Permit Application to plug API# 47-049-00919, in Marion County, WV.

If you have any questions, comments, or if you require additional information, please feel free to contact me at 304-590-7707.

Thank You,

Chris Veazey
Permitting Supervisor

Diversified Energy Company 414 Summers St. Charleston, WV 25301 (304) 590-7707 Email: cveazey@dgoc.com 11/10/2016

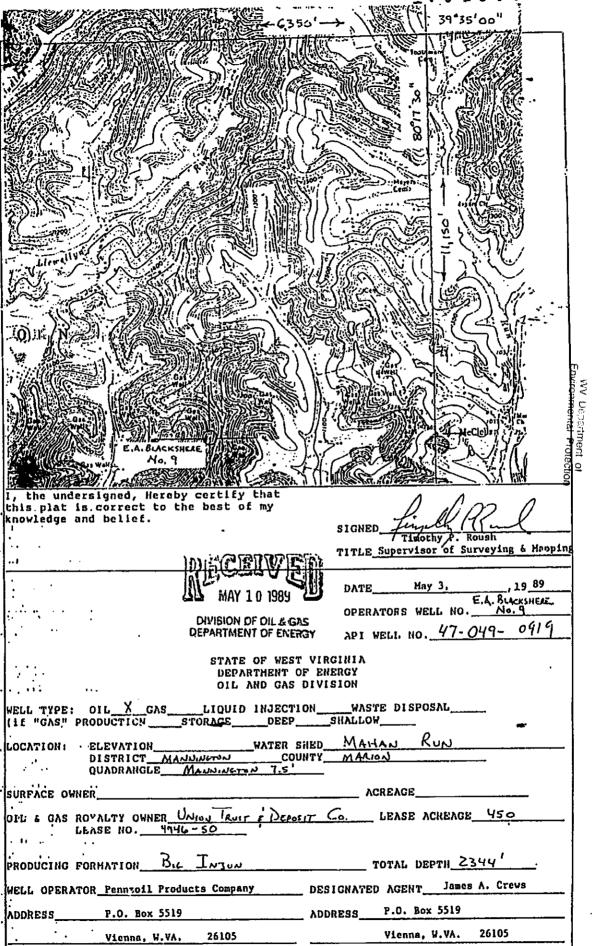
PLUGGING PERMIT CHECKLIST 4704900919

RECEIVED Office of Oil and Gas

JAN 2 9 2024

WV Department of Environmental Protection

Plugging Permit	Environmental Protection
riugging remit	
WW-4B WW-4B signed by inspector	
WW-4A Signed by Inspector	
SURFACE OWNER WAIVER or PROOF THAT APPLICATION WAS SENT BY MAIL	REGISTERED OR CERITFIED
COAL OWNER/COAL OPERATOR/COAL LESSEE WAIVERS or PROOF THAT BY REGISTERED OR CERTIFIED MAIL WW-9 PAGE 1 (NOTARIZED)	T APPLICATION WAS SENT
WW-9 PAGE 2 with attached drawing of road, location, pit and propose WW-9 GPP PAGE 1 and 2 if well effluent will be land applied	ed area for land application
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	
T CHECK LOW \$ TOO IL LIL 19 OPEN	



SURFACE OWNER WAIVER

Operator's Well Number

EA Blackshere 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.

of Oil and Gas.

NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.

WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:

Office RECEIVED Of Oil and Gas

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

ATION: RECEIVED Office of Oil and Gas

JAN 29 2024

Environmental Protection

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.

<u>Comments must be in writing.</u> 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 h objection to a permit being issue FOR EXECUTION BY A NATU ETC.	d on those materials.	ne planned wo		aterials, and I have no
Signature	Date	Name By		
D-6-111111		Its		Date
			Signature	Date

WW-4B

API No.	4704900919	
Farm Name	EA Blackshere	
Well No.	EA Blackshere 9	

INSTRUCTIONS TO COAL OPERATORS

Office RECEIVED and Gas MA Designation of

OWNERS AND LESSEE

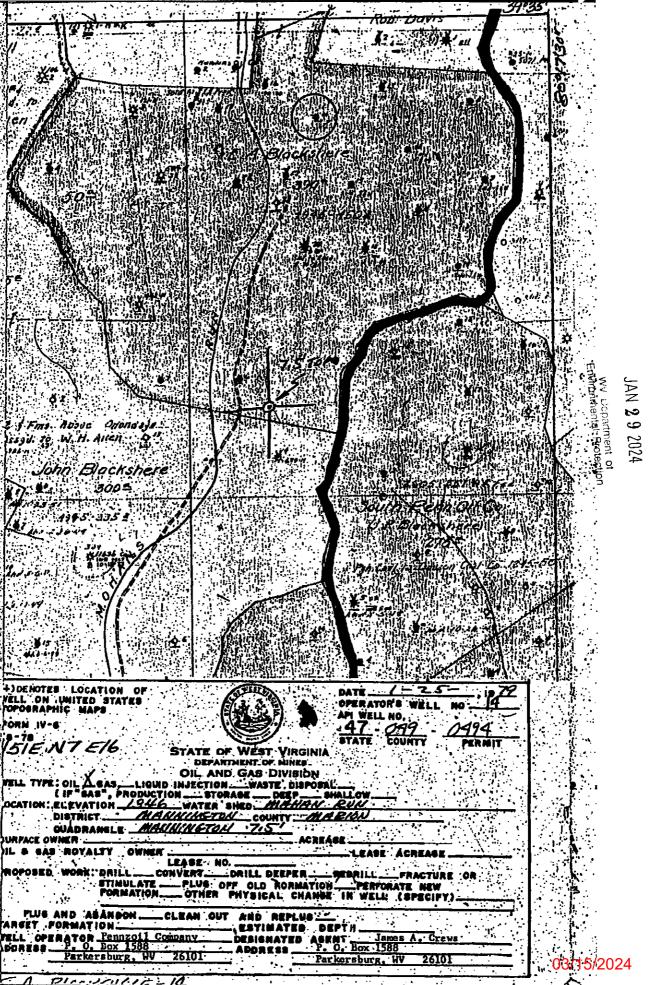
The well operator named on the obverse side of WW-4 (B) is about to abandon the well described in the enclosed materials and will commence the work of plugging and abandoning said well on the date the inspector is notified. Which date shall not be less then five days after the day on which this notice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

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

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

	WAIVER
has examined this proposed plugging work o	/ owner/ lessee/ of the coal under this well location rder. The undersigned has no objection to the work proposed to be erator has complied with all applicable requirements of the West
Date:	
	Ву:
	Its

Caroles Copie WV Department of Environmental Protection JAN 2 9 2024 CASING RECORD AS TALLIED. NOT STEEL LINE, MEASUREMENT PUT IN Shot Date 4/19/2 Amount -PERT . FLET FEET . \$42E Result Packer Size Depth Set Production First 24 Hours Approved by..... Superintendent 47-049-0494 03/15/2024



Office of Oil and Gi



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

plugging permit issued 4704900919

1 message

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

Thu, Mar 14, 2024 at 3:03 PM

To: Chris Veazey <CVeazey@dgoc.com>, Kenny S Willett <kenny.s.willett@wv.gov>, mtrach@wvassessor.com

To whom it may concern, a plugging permit has been issued for 4704900919.

James Kennedy

WVDEP OOG

