

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, April 28, 2022 WELL WORK PLUGGING PERMIT Vertical Plugging

DIVERSIFIED PRODUCTION LLC 101 MCQUISTON DRIVE JACKSON CENTER, PA 16133

Permit approval for PERKINS 510782 Re:

47-035-02818-00-00

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.

Operator's Well Number: PERKINS 510782

Farm Name: MEANS, FREEMAN

U.S. WELL NUMBER: 47-035-02818-00-00

Vertical Plugging

Date Issued: 4/28/2022

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	March 23		,	2021	
2)Opera					
Well	No.	510782			
3) APT V	Vell	No.	47 - 035		- 02818

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

	APPLICATION FOR A PERM	MIT TO PLUG AND ABANDON
4)	Well Type: Oil/ Gas X/ Liquid	d injection / Waste disposal /
•		derground storage) Deep/ ShallowX
5)	Location: Elevation 720.33 ft	Watershed Spruce Run
·	District Washington	County Jackson Quadrangle Kentuck
C \	Well Operator Diversified Production, LLC	7) Decision of Proper left Mast
6)	Address P.O. Box 6070	7) Designated Agent Jeff Mast Address P.O. Box 6070
	Charleston, WV 25362	Charleston, WV 25362
	Chaneston, WV 20002	Chaneston, WV 23302
8)	Oil and Gas Inspector to be notified Name Joe Taylor	9) Plugging Contractor Name R & J Well Services, Inc.
	Address 1478 Claylick Road	Address P.O. Box 40
	Ripley, WV 25271	Hueysville, KY 41640-0040
	Se	e Attached
		Office of Oil are
		MAR 3.0 2022
		WV Department c Environmental Protection
Noti work	fication must be given to the district of can commence.	il and gas inspector 24 hours before permitted
Work	order approved by inspector	Date 3-76-72
	'/-'/	

West Virginia, Jackson County API # 47-035-02818 38.6425, -81.5536

Nearest Emergency Room: Jackson General Hospital: 122 Pinnell Street, Ripley, WV 25271

Casing Schedule

- 13 3/8" csg @ 33'
- 9 5/8" csg @ 711' CTS field confirmed
- 7" csg @ 1995' CTS field confirmed
- 4 1/2" csg @ 5056' cemented w 200 sks @ 1.89 yld. Estimated TOC at 1380'
- TD @ 5056'

Completion: Marcellus frac 5011'-5024'

Fresh Water: 114' Saltwater: 1475', 1562' Coal: none reported Oil Show: none reported

Gas Show: Marcellus 5011'-5024'

Elevation: 756'

Plugging Ops: 7/26/2021 to 7/28/2021

Cement: 4932'- 4687', 4250'- 4150', 3502'- 3400', 2047'- 1945', 1617'- 1394', 756'- 621', 155'- 0

Perforated 4 ½" csg @ 756', 716', 660', 154'

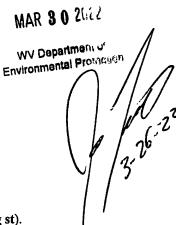
Drill Out Procedure:

1. Notify inspectors, Joe Taylor @ 304-380-7469, 48 hrs. prior to commencing operations.

- 2. Prep site and configure wellhead to allow for drill out operations: remove monument, weld collar and nipple as needed.
- 3. RU to wellhead with 3 3/4" tricone bit and 2 3/8" tbg. Drill ahead until able to switch to a drill collar. Drill to 2500'. Last expected plug depth at 2047'
 - a. All plug tops and bottoms to be recorded
- 4. TOOH w/ drill string and lay down.
- 5. Bond log from 3,000' to surface
- 6. Swab 4 1/2' csg off
- RECEIVED 7. Run the and packer. Set packer at least 100' below top of cement on 4 1/2" csg (original cost pleases).
 - a. If gas source from 4 ½" annulus shut down and wait for further instruction
- 8. Determine if gas leak is from tbg or 4 ½" csg
- 9. TOOH w/ tbg and packer

Plugging Procedure:

- 10. TBD from findings above Below assume production gas leaking to surface
- 11. TIH w/ drill string and clean hole to 4900'
- 12. Set CIBP at 4900'
- 13. TIH w/ tbg to 4900'. Pump 213' Class A cement plug from 4900'- 4687'
- 14. TOOH w/ tbg to 4687'. Pump 6% bentonite gel from 4687'-4250'.
- 15. TOOH w/ tbg to 4250'. Pump 100' Class A cement plug from 4250'- 4150'
- 16. TOOH w/ tbg to 4150'. Pump 6% bentonite gel from 4150'-3502'.
- 17. TOOH w/ tbg to 3502'. Pump 102' Class A cement plug from 3502'- 3400'
- 18. TOOH w/ tbg to 3400'. Pump 6% bentonite gel from 3400'-2045'.
- 19. TOOH w/ tbg to 2045'. Pump 100' Class A cement plug from 2045'-1945' (7" csg st).
- 20. TOOH w/tbg to 1945'. Pump 6% bentonite gel from 1945'-1612'.
- 21. TOOH w/ tbg to 1612'. Pump 187' Class A cement plug from 1612'-1425' (saltwater)
- 22. TOOH w/ tbg to 1425'. Pump 6% bentonite gel from 1425'-756'. TOOH LD tbg
- 23. TOOH w/ tbg to 756'. Pump 100' Class A cement plug from 756'-656' (elevation).
- 24. TOOH w/ tbg to 656'. Pump 6% bentonite gel from 656'-155'.
- 25. TOOH w/ tbg to 155'. Pump 155' Class A cement plug from 155'-0' (freshwater and surface).
- 26. Erect monument with API#, date plugged, & company name.
- 27. Reclaim location and road to WV-DEP specifications.



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

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE IN TRIPLICATE, one copy mailed to the Department, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

LOCATION: Elevation: 720.33' Claudrangle: Kentuck District: Washington	Farm name:	Mean, F	reeman			_ _Ope:	rator W	ell No.:	5107	782		
District: Washington County: Jackson Latitude: 42 Feet South of 77 Deg. 259 Min. 9 Sec. Longitude: 45 Feet West of 17 Deg. 99 Min. 88 Sec. Well Type: Oil. GAS X Company Diversified Production, LLC Coal Operator PO 80x 6070 Or Owner Charleston, WV 25362 Coal Operator Or Owner STATE OF WEST-VIRGINIA- 15 Y	LOCATION:	Elevation	. 720.33'									
Latitude: 42 Feet South of 77 Deg. 259 Min. 9 Sec. Longitude: 45 Feet West of 17 Deg. 99 Min. 88 Sec. Well Type: OIL GAS X Company Diversified Producition, LLC Coal Operator PO 80x 6070 or Owner Charleston, WV 25392 Coal Operator Of Charleston, WV 25392 Coal Operator Agent Jeff Mast or Owner Permit Issued Date 5-25-21 STATE OF WEST-VIRGINIA- KC/ County of Pops ss. Rodray Osborne and Estil Johnson being first duty sworn according to law depo and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by the above nam well operator, and participated in the work of plugging and filling oil and gas wells and were employed by the above nam well operator, and participated in the work of plugging and filling the above well say that said work was commenced the 25 day of July 2021, and the well was plugged and filled in the following manner: TYPE FROM TO PIPE REMOVED LEFT 9 sis Class A Cement 4937 4937 33 of 13 35" 9 sis Class A Cement 1917 13947 5065 of 1 12" 9 sis Class A								1-				
Longitude: 45 Feet West of 17 Deg. 99 Min. 88 Sec. Well Type: OilGAS X					D-1-14 C							-
Well Type: OIL GAS X Company Diversified Production, LLC Coal Operator PO Bux 6970 or Owner Charleston, WV 25362 Coal Operator Or Owner Charleston, WV 25362 Coal Operator Or Owner Permit Issued Date 5-25-21 STATE OF WEGT-VIRGINIA, 12 Y County of Ploya S: Rodney Osborne and Estil Johnson being first duty swom according to law depo and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by the above nam well operator, and participated in the work of plugging and filling the above well say that said work was commenced the 20 day of July 2021, and the well was plugged and filled in the following manner: TYPE FROM TO PIPE REMOVED LEFT 10 this Class A Cement 4932 4687 33 of 13 36" 0 this Class A Cement 2047 1945 5056 of 4 12" 0 this Class A Cement 2047 1945 5056 of 4 12" 0 this Class A Cement 1617 1394 5056 Charles A Cement 1650 Surface Surface Participation of monument; To casing w API # 35" above ground and that the work of plugging and filling said well was completed on the 29 day of July 2021. And further deponents saith not. Land 1 July 2021 Wy commission expires: 02/04/2022 Wy commission expires: 02/04/2022			45	_ 1991 :	South of	17	_ Deg.	209	Min.	9	Sec.	
Diversified Production, LLC PO 80x 6070 Charleston, WV 25362 Coal Operator or Owner Agent Jeff Mast Ocumy of Ployd SS: Rodney Osborne and Estil Johnson being first duty sworn according to law depo and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by the above nam well operator, and participated in the work of plugging and filling the above well say that said work was commenced the 26 day of July 2021, and the well was plugged and filled in the following manner: TYPE FROM TO PIPE REMOVED LEFT 10 sta Class A Cement 4932 4687 0 sta Class A Cement 4932 4687 0 sta Class A Cement 2047 1945 0 sta Class A Cement 1917 1986 of 7 5 sta Class A Cement 1917 1987 5 sta Class A Cement 1917 5 sta Class A Cement 1917 5 sta Class A Cement 1957 Surface Description of monument: T costing wt API 8 35* above ground and that the work of plugging and filling Sworn and subscribe before me this 29 day of July 2021 Notary Rubšic		rouduna	9:	Feet	West of	17	Deg	3. 99	Mir	r <u>88</u>	Sec.	
Coal Operator Or Owner Agent Jeff Mast Or Owner County of Floyd SS: Rodney Obsome and Estil Johnson being first duty swom according to law deposent and say that they are experienced in the work of plugging and filling the above well say that said work was commenced the 26 day of July 2021, and the well was plugged and filled in the following manner: TYPE FROM TO PIPE REMOVED LEFT 0 tas Class A Coment 4032 4687 91PE REMOVED LEFT 0 tas Class A Coment 4032 4687 91PE REMOVED 1995 of 7 0 tas Class A Coment 4032 4687 1995 of 7 0 tas Class A Coment 2047 1945 505 of 4 1/2* 5 tas Class A Coment 2047 1945 5056 of 4 1/2* 5 tas Class A Coment 1087 1394 5056 of 4 1/2* S tas Class A Coment 1087 1394 5056 of 4 1/2* S tas Class A Coment 1087 1394 2011 and the work of plugging and filling the above well say that said work was commenced the 29 day of May 2021. And further deponents saith not. Example 10 10 10 10 10 10 10 10 10 10 10 10 10	Well Type: (GAS X	-								
Coal Operator Or Owner Agent Jeff Mast Or Owner County of Floyd SS: Rodney Obsome and Estil Johnson being first duty swom according to law deposent and say that they are experienced in the work of plugging and filling the above well say that said work was commenced the 26 day of July 2021, and the well was plugged and filled in the following manner: TYPE FROM TO PIPE REMOVED LEFT 0 tas Class A Coment 4032 4687 91PE REMOVED LEFT 0 tas Class A Coment 4032 4687 91PE REMOVED 1995 of 7 0 tas Class A Coment 4032 4687 1995 of 7 0 tas Class A Coment 2047 1945 505 of 4 1/2* 5 tas Class A Coment 2047 1945 5056 of 4 1/2* 5 tas Class A Coment 1087 1394 5056 of 4 1/2* S tas Class A Coment 1087 1394 5056 of 4 1/2* S tas Class A Coment 1087 1394 2011 and the work of plugging and filling the above well say that said work was commenced the 29 day of May 2021. And further deponents saith not. Example 10 10 10 10 10 10 10 10 10 10 10 10 10	Company	Diversifi	ed Producito	n, LLC	Coal Or	erato	r					
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Permit Issued Date 5-25-21 STATE OF WEGT-VIRGHNA, KCY County of Floyd SS: Rodnay Osborne and Estil Johnson being first duly sworn according to law deporand say that they are experienced in the work of plugging and filling di and gas wells and were employed by the above nam well operator, and participated in the work of plugging and filling the above well say that said work was commenced the 26 day of July 2021, and the well was plugged and filled in the following manner: TYPE FROM TO PIPE REMOVED LEFT 0 sts Class A Cement 4932 4687 33 of 13 36" 0 sts Class A Cement 4250 4150" 711 of 9 56" 0 sts Class A Cement 3502 3400" 1995 of 7" 0 sts Class A Cement 1617 1394" 5056 of a 1/2" 5 sts Class A Cement 1617 1394" 5056 of a 1/2" Description of monument: 7" casing w/ API # 36" above ground and that the work of plugging and filling said well was completed on the 28 day of July 2021. And further deponents saith not. Sworn and subscribe before me this 29 day of July 2021 Wy commission expires: 02/04/2022 Notary Public					Coal O	perat	or					
STATE OF WEST-VIRGINIA. RY County of Floys ss: Rodney Osborne and Estil Johnson being first duty swom according to law depotence of in the work of plugging and filling oil and gas wells and were employed by the above name well operator, and participated in the work of plugging and filling the above well say that said work was commenced the 26 day of July 2021, and the well was plugged and filled in the following manner: TYPE FROM TO PIPE REMOVED LEFT 0 tas Class A Cement 4932 4697 335 of 13.36" 0 sta Class A Cement 4250" A150" 711" of 969" 0 sta Class A Cement 3902 3400" 1995 of 7" 0 sta Class A Cement 1017 1339" 0 sta Class A Cement 1017 1339" 5055 of 4 1/2" 0 sta Class A Cement 155 Surface Description of monument: 7" casing w/ API #/ 36" above ground and that the work of plugging and filling aid well was completed on the 29 day of July 2021. Notary Public Notary Public	•		<u> </u>		or Own							
STATE OF WEST-VIRGINIA- RY County of Floyd SS: Rodnay Osborne and Estill Johnson being first duty sworn according to law depo and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by the above nam well operator, and participated in the work of plugging and filling the above well say that said work was commenced the 26 day of July 2021, and the well was plugged and filled in the following manner: TYPE FROM TO PIPE REMOVED LEFT 0 stat Class A Cement 4932 4697 33 of 13 3/8" 0 stat Class A Cement 4250" 4150" 711 of 9 8/8" 0 stat Class A Cement 2047 1945 5056 of 4 1/2" 5 stat Class A Cement 1617 1394" 0 stat Class A Cement 1617 1394" 0 stat Class A Cement 155" Surface Description of monument: 7" casing w/ API # 36" above ground and that the work of plugging and filling said well was completed on the 28 day of July 20 21. And further deponents saith not. Residually 29 day of July 20 21 Wy commission expires: 02/04/2022	Permit Issu	ed Date	5-25-21									
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Description of monument: 7" casing w/ API # 36" above ground and that the work of plugging and filling said well was completed on the 28 day of 149 , 2021. And further deponents saith not. Sworn and subscribe before me this 29 day of July 2021 My commission expires: 02/04/2022 My commission expires: 02/04/2022 ARGE Notary Public	5 sts Class A Cen	rent	1617 .								5056 614 1	<i>E</i>
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Sworn and subscribe before me this 29 day of July 2021 Wy commission expires: 02/04/2022 Notary Public		·		,	10		, 20 <u>21</u>	•			6,E	MOTO PO
My commission expires: 02/04/2022 Strice in Aline Notary Public			-	Estil	<u>ل را</u>	nn	Son		_		w w	NO SOLO IN
Notary Public	Sworn and	subscribe b	efore me this $\underline{2}$	<u>.9</u> da	y of <u>July</u>	····		, 20 <u>.2</u>	1	<i>o</i> .	A.	
Affidavit reviewed by the Office of Oil and Gas: 11-12-21	My commission	n expires: 0	2/04/2022			} €	ti	Notary	/0) Public	<u>Sln</u>	re	LARGE
	\ffidavit review	ed by the C	Office of Oil and	Gas:	10	10	de.	2		_ Tide:	11-12-	21



API# 4703502818

ě	W	ell-Operat	ors Reporti	of Well V	Vor.	KAL YAR	444		
Farm Na	me Means,	Freeman				Well Nu	mber 51078	32	
Location	Elevation	756		Quadrang	gle	KENTUC	K		
	District	Washingt	on	Coun	ty	Jackson,			
		_		Degre		Minute 40.00	Seco	nd	
	Latitude	8800	FSL		.00		-	.00	
1	Longitude	3530	FWL	81	.00	92.00	30.	.00	•
Company	Equitable 1710 Per WV 2532		Company venue Charlesto	n, ·		ng & ng Size	Used in Drilling	Left in Well	Cement Fill Up Cubic Ft
Agen	1 Cecul	Kay		•	13.3	3/8	33	33	
Inspecto	-0-1				9 5/		711	711	320,35
Permit Issue					7		1,995	1.995	208,60
v	/eli Work Com	menced 09	/26/2007		41	2	5.056	5,056	378,00
•	Well Work Co		/24/2007						
Verbal P		piotoo							
	Permission g	ranted or							
Rotary Rig	X C	able Rig							
Total Dept	h 5,043								
a Wan	ericheountered						•		
Type	L	From							
Fresi	h water	1-1/2	'@ 114'					DE0-	
Salt '	Water	damp	@ 1475'					RECE	
Salt '	Water	4" @	1562'				Ot	ffice of C	il & Gas
								APR 0	9 2008
							140	/ D	
EXCEPT.	OpenMines	38					VV1	v Depai	tment of
		<u>.xs</u>					Enviro	nmenta	al Protection
Type									
Coal	None r	eported							
Open F	low Data								
Producing Form						Pay Zon	e Depth (ft): S	ee attached fo	r details
Marcellus	··					-			
01-11-1	0 Flour	0	MCF 9/30/	7_Date		Oil: Initial	Open Flow_	Bbl/d	
Gas: Initial (•	474	MCF 10/24/2			Final O	pen Flow		
	al Open Flow Topen flow bel			o		nours			•
	r open liow bei ck Pressure		after		_				
Second Produ			-		Pay	y Zone Dep	th (ft)		
	_		MCF		_	Oit Init	ial Open Flow		- Bbl/d
	•					Oir nui	ober i ton	•	

Details of Perforated Intervals, fracturing or stimulating, physical change,etc.
 The well log, a systematic detailed geological record of all formations including coal encountered in the well bore.

hours

Final Open Flow

MCF

_ after

Final Open Flow_

NOTE: On back of this form put the following

Static Rock Pressure

Time of open flow between initial end final tests

Well Number 510782

Equitable Production Company
WR-35 Completion Report - Attachment
Well-Treatment Summary

API# 4703502818

Sta	igel
Date	10/10/2007
FracTyp 70	Q Foam
Žone	Marcellus
# of Perfs	38
From/To	5,011- 5,024
BD Press	3,942
ATP Psi	3,467
Avg Rate	30
Max Press Ps	i 3,621
ISIP Psi	2,951
10min SIP	2,346 5 min.
Frac Gradier	nt 0.81
Sand Propp	ant 527.69
Water-bbl	293
SCF N2	926,900
Acid-gal	600 gal

Acid-gai 600 gai 7.5%	-		
Formation Name	Depth To	Depth Bottom	Formation Thick
Fill	0.00	9	9.00
Sand	9.00	40	31.00
Sand & Shale	40.00	100	60.00
Shale	100.00	160	60.00
Sand	160.00	200	40.00
Shale	200.00	220	20.00
Sand	220.00	260	40.00
Sand & Shale	260.00	735	475.00
Sand & Shale	735.00	1,462	727.00
SALT SAND	1,462.00	1,702	240.00
BIG LIME	1,702.00	1,840	138.00
BIG INJUN	1,840.00	1,937	97.00
WEIR	1,937.00	2,051	114.00
SUNBURY	2,309.00	2,321	12.00
BEREA	2,321.00	2,324	3.00
UPPER DEVONIAN	2,324.00	3,543	1,219.00
GORDON	2,583.00	2,772	189.00
LOWER HURON	3,543.00	4,212	669.00
JAVA	4,212.00	4,378	166.00
ANGOLA	4,378.00	4,637	259.00
RHINESTREET	4,637.00	5,002	365.00
MARCELLUS	5,002.00	0	0.00
	THE STATE OF		

Gas	Tests
Depth	Remarks
1,280	odor
2,035	odor
2,350	odor ·
2,734	odor ·
4,208	odor ·
4,720	No Show
4,900	No Show .
5,043	odor

WW-4A Revised 6-07

1) Date:	March 11, 2022			
2) Operator's 510782	Well Number			
3) API Well N	o.: 47 -	035	02818	

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

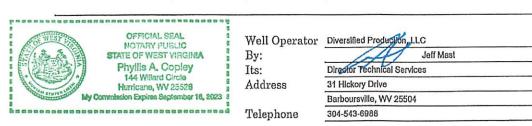
4)	Surface Own	ner(s) to be served:	5) (a) Coal Operator	
	(a) Name	Douglas and Sandra Smith	Name	None
	Address	85 Gladewood Lane	Address	
		Hurricane, WV 25526		
	(b) Name		(b) Coal Own	ner(s) with Declaration
	Address		Name	None
			Address	
	(c) Name	Landing of the second second	Name	
	Address	Processing the second s	Address	
۵۱.			(A) (I - 1) I	'Al De Jenstine
6)	Inspector	Joe Taylor		see with Declaration
	Address	1478 Claylick Road	Name	No Declaration
		Ripley, WV 25271	Address	
	Telephone	304-380-7469		

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.



Subscribed and sworn befo	ore me this Jist day of	March, 2022	
	Alufles a. Cosley	Notary Public	
My Commission Expires	September 16.	2023	
	11		

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.



WW-9 (5/16)

API Number	47 - 035	_ 02818	
Operator's W		510782	

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) Spruce Run (0505000801)	Quadrangle Kentuck	Management
Do you anticipate using more than 5,000 bbls of water to	o complete the proposed well work? Yes No	-
Will a pit be used? Yes V No		
If so, please describe anticipated pit waste: Pr	roduced fluid and cement returns	
Will a synthetic liner be used in the pit? Yes		
Proposed Disposal Method For Treated Pit Was	stes:	
Underground Injection (UIC Reuse (at API Number Off Site Disposal (Supply for	provide a completed form WW-9-GPP) Permit Number 47-119-00724 rm WW-9 for disposal location))
one (24)		
Will closed loop systembe used? If so, describe: N/A		
Drilling medium anticipated for this well (vertical and h	orizontal)? Air, freshwater, oil based, etc. N/A	
-If oil based, what type? Synthetic, petroleum,	etc. N/A	RECEIVED
Additives to be used in drilling medium?N/A		Office of Oil and Gas
Drill cuttings disposal method? Leave in pit, landfill, re	moved offsite, etc. N/A	
	will be used? (cement, lime, sawdust) N/A	
-Landfill or offsite name/permit number? N/A		WV Department of Environmental Protection
Permittee shall provide written notice to the Office of Office West Virginia solid waste facility. The notice shall be puwhere it was properly disposed.	il and Gas of any load of drill cuttings or associated waste rejecte rovided within 24 hours of rejection and the permittee shall also d	d at any lisclose
on April 1, 2016, by the Office of Oil and Gas of the Warrengies of the permit are enforceable by law. Violatic or regulation can lead to enforcement action. I certify under penalty of law that I have perapplication form and all attachments thereto and that, but the content of the content	STATI	tand that the plicable law itted on this orobtaining
f) 1.1	ay of March, 20 22 Sa. Coply Notary Public	
IVIY COMMINISSION EXPIRES COPPORTED TO, 2020	1 1 //	1 #11

WW-9 (5/16)

API Number 47 -	035	_ 02818	
Operator's Well No	o	510782	

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

PLUIDS/ CUTTINGS DISPOSAL & RECLAIMATION PLAN						
Operator Name_Diversified Production, LLC OP Code 494524121						
Watershed (HUC 10) Spruce Run (0505000801) Quadrangle Kentuck						
Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes NoNo						
Will a pit be used? Yes V No No						
If so, please describe anticipated pit waste: Produced fluid and cement returns						
Will a synthetic liner be used in the pit? Yes Vo 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_47-119-00724						
Will closed loop systembe used? If so, describe: N/A						
Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc.						
-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 penaltics for submitting false information, including the possibility of fine or imprisonment.						
Company Official Signature STATE OF WEST VIRGINIA Phyllis A. Copley						
Company Official (Typed Name) Jeff Mast 144 Willard Circle Hurricane, WV 25528						
Company Official Title Director Technical Services My Commission Expires September 18, 2023						
Subscribed and sworn before me this 31st day of March , 20 33 My commission emires September 16, 2023						

Operator's Well No. . . 510782

_		+/- Preveg etation p		
Lime 3	Tons/acre or to correc	et to pH 6.5		
Fertilizer type	10-20-20 or equivale	nt		
Fertilizer amount_		lbs/acre		
Mulch_2		_Tons/acre		
		Seed Mixtures		
Т	emporary	Perm	Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre	
Red Fescue	40	Red Fescue	15	
Alsike	5	Alsike Clover	5	
Annual Rye	15			
Maps(s) of road, location, provided). If water from the L, W), and area in acres, o	oit and proposed area for land e pit will be land applied, pro f the land application area. Dived 7.5' topographic sheet.	d application (unless engineered plans incl ovide water volume, include dimensions (I	uding this info have be	
provided). If water from the L, W), and area in acres, or Photocopied section of involutions	e pit will be land applied, pro f the land application area.	ovide water volume, include dimensions (I	RECEIVEL	
Maps(s) of road, location, provided). If water from the L, W), and area in acres, or Photocopied section of invol	e pit will be land applied, profithe land application area. Dived 7.5' topographic sheet.	ovide water volume, include dimensions (I	RECEIVED	
Maps(s) of road, location, provided). If water from the L, W), and area in acres, or Photocopied section of involved Approved by:	e pit will be land applied, profithe land application area. Olved 7.5' topographic sheet.	ovide water volume, include dimensions (I	RECEIVEL	
Maps(s) of road, location, provided). If water from the L, W), and area in acres, or Photocopied section of involved and Approved by:	e pit will be land applied, profithe land application area. Dived 7.5' topographic sheet.	ovide water volume, include dimensions (I	RECEIVED	
Maps(s) of road, location, provided). If water from the L, W), and area in acres, or Photocopied section of involved and Approved by:	e pit will be land applied, profithe land application area. Olved 7.5' topographic sheet.	ovide water volume, include dimensions (I	RECEIVED Office of Oil and Gas MAR 3 0 20/7	
Maps(s) of road, location, provided). If water from the L, W), and area in acres, or Photocopied section of involved and Approved by:	e pit will be land applied, profithe land application area. Olved 7.5' topographic sheet.	ovide water volume, include dimensions (I	RECEIVED Office of Oil and Gas MAR 3 0 20/7	
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Maps(s) of road, location, provided). If water from the L, W), and area in acres, or Photocopied section of involved and Approved by:	e pit will be land applied, profithe land application area. olved 7.5' topographic sheet. Taylor "" "" "" "" "" "" " "" "" "	ovide water volume, include dimensions (I	RECEIVED Office of Oil and Cas MAR 3 0 2000 WV Department of the overnemental Protection	



WW-7 8-30-06



West Virginia Department of Environmental Protection Office of Oil and Gas

WELL LOCATION FORM: GPS

WELL LOC.	ATTOM FURMI. GIS					
API:_47-035-02818	WELL NO.: 5	10782				
FARM NAME: Means, Freeman						
RESPONSIBLE PARTY NAME: Diversified Production, LLC						
COUNTY: Jackson	_{DISTRICT:} Wa	shington				
QUADRANGLE: Kentuck						
SURFACE OWNER: Douglas and Sandra Smith						
ROYALTY OWNER: Ed C. Perkins and M.E. Cox Trust						
UTM CPS NORTHING: 4,277,259.9						
UTM GPS EASTING: 451,799	.9 GPS ELEVATI	_{ION:} 720.33				
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 MAR 3 0 20 MAR 3						
Signature	Director Technical Services Title	3/11/2022 Date				



Stansberry, Wade A <wade.a.stansberry@wv.gov>

Plugging Vertical Well Work Permit (API: 47-035-02818, 47-053-00528, 47-053-00529)

Stansberry, Wade A <wade.a.stansberry@wv.gov>

Thu, Apr 28, 2022 at 9:17 AM

To: "Mast, Jeff" <jmast@dgoc.com>, "Taylor, Joseph D" <joseph.d.taylor@wv.gov>

I have attached a copy of the newly issued well permit number. This will serve as your copy.

47-035-02818 - PERKINS 510782

47-053-00528 - NCEE 1110HN

47-053-00529 - NCEE 1111HS

If you have any questions, then please contact us here at the Office of Oil and Gas.

Thank you,

Wade A. Stansberry

Environmental Resource Specialist 3

West Virginia Department of Environmental Protection

Office of Oil & Gas

601 57th St. SE

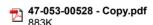
Charleston, WV 25304

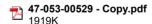
(304) 926-0499 ext. 41115

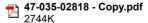
(304) 926-0452 fax

Wade.A.Stansberry@wv.gov

6 attachments









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