47-041-00157-00-00

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

RECEIVED
Office of Oil and Gas

AUG 2 7 2018

### AFFIDAVIT OF PLUGGING AND FILLING WELL

WV Department of

their respective	and the third co e addresses.	py (and extra copi	es if required)	should be ma	nt, one copy to be retained a ailed to each coal operat	or at				
Farm name:Operator Well No.:										
LOCATION: E	levation:1198¹		Quadrangle:	Vadis 7.5						
	District: Court House County:									
L	Latitude: 39.007710 Feet South of Deg Min Sec.									
L	ongitude:	1215 Feet West of	fDeg	Min	Sec.					
Well Type: OIL GAS X										
Company Eqt Production Company Coal Operator 3454 Dawson Drive, Warren MI 48092 Bridgeport, WV 26330										
_	3		Operator Danie	el F Rafferty	7					
Agent	atrobe PA 15650									
Permit Issued	Date 5/1/20	)18 			·	_				
STATE OF WEST VIRGINIA, County of Lewis ss:										
Kevin Metz	and	David Ross		being first du	ly sworn according to law de	enose				
and being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by the above named well operator, and participated in the work of plugging and filling the above well say that said work was commenced on the day of uly and the well was plugged and filled in the following manner:										
TYPE	FROM	ТО	PIPE REI	MOVED	LEFT					
cement	1721' 1385'	1385' 1223'	1700' of 2 3	78" tubing	0' of 2 3/8" tubing	_				
gel	1223'	989'			1079' of 8 1/4" casing	<u>4</u>				
gel	989,	750'				—				
cement	750	540'	•			<del>- </del>				
gel	540'	300'	· .· -			_				
cement	300,	0,			<u> </u>					
Description of monument: above ground/api# 47-041-00157 said well was completed on the 20th day of July , 20 18.										
And further deponents saith not.    And further deponents saith not.   Control   Contr										

Swom and subscribe before me this 30 day of July

My commission expires: 11-74-2020

Affidavit reviewed by the Office of Oil and Gas:

08/31/2018

# 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.

Farm name:	Rafferty,	W.M.			_Opera	tor Well	No.:	356461)				
LOCATION:	Elevation:	1198'				Irangle:	Vadis 7.5'					
200, 1,1011.		Court H	ouse		_ Cour	_	Lewis			_	RECEIV	/ED
	Latitude:	39.0077	10 <sub>Foot</sub>	Couth of	-	•			C	- <b>O</b> ffi	ice of Oil	end Gas
	_	-80.65	1215 Feet	South of		Deg	Min Min		Sec.	A	UG 27	2018
	Longitude	:		vvest of		Deg	Min		Sec.			201.7
Well Type: (	OIL	GAS X								W\ Enviro	/ Departm ⊓ment≏	lent of
Company	Eqt Prod	Coal O	perator	Shirle	ey A Raffert	У						
	120 Professional Place			or Own			-	-	e, Warren MI 48092			
	Bridgep	ort, WV 2	26330	•								
					perator)		el F Rafferty		36 4 E C E			
Agent	- J D-4-	5/1/20	118	or Own	er	1314	Trent Dr. L	arobe i	COC1 A	<del></del>		
Permit Issue	ed Date											
				A	FFIDA	<b>VIT</b>						
STATE OF W County of Le	EST VIRGIN WIS											
•		SS:										
Kevin Met	Z	and	David F	Ross			_being first du	ily sworn	according	to law depo	ose	
and say that th	ey are expe	rienced in t	he work of	plugging	and filling	g oil and	gas wells and v	vere empl	oyed by the	above nam	ned	
well operator, the	and particip day of	ated in the July	work of pl	ugging a	nd filling	the abo	ve well say that d and filled in	at said v	vork was o	commenced	on	
	uay ui _		, 20,	and the	well wa	s plugge	d and filled in	the follow	ing manne	er.		
TYPE	FF	ROM	TC		Pl	PE REI	MOVED		LEFT		٦	
cement		721'	138				78" tubing		of 2 3/8"		1	
gel		385'	122					1079	of 8 1/2	" casing	]	
cement		223'	989									
gel	1	89'	750								_	
cement		50 40'	540 300								4	
gel		00'	0'								4	
								<u> </u>			ل	
Description (	of monumen	t: above	ground/a	pi# 47-	041-00	0157	and t	that the w	ork of plug	ging and fillir	ng	
aid well was c	ompleted or	the 20th	_ day of _JL	lly		<sub>20</sub> 18			نيسہ	~~~	~~~	~~
And further	deponents s	aith not.	Kevi	n 2	ret					NOTA STATE OF KEVI	ICIAL SEAL LRY PUBLIC WEST VIRGI IN MASSIE	INIA }
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				<del></del>	100	~				My commission	expires Novembe	
Sworn and s	ubscribe be	fore me this	30 da	y of	117		2018					
fly commission	expires:_\frac{1}{2}	1-24-20	20		74	evis	~ Mar	ب				
				A		No	tary Public					
affidavit review	ed by the Of	ffice of Oil a	ind Gas: _	Buye	_0	Here	<u>~</u>	Title:	Insp.	ector		
									,			

WR-38 Rev. 5/08

# 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.

Farm name:	Rafferty	, W.M.			Operator	Well N	o.: <u>1651 (6</u>	56461)			
LOCATION: Elevation: 1198'					Quadrar	1	/adis 7.5'				
LOO/THOM.	District:	Court Ho	use			T	ewis				
		39 00771	Λ		County:	_			RECEIVED		
	Latitude:		F-AAT	South of _	De	g	Min	Sec.	Office of Oil and Gas		
	Longitud	e:	Feet	West of _		eg	Min	Sec.	AUG 2 7 2018		
Well Type: (	OiL	_GAS_X							~		
Company	Eqt Pro	duction C	ompany	Coal Op	aretor S	Shirlev	A Rafferty	,	WV Department of Environmental Protection		
Company	120 Pro	ofessional	Place	or Owne	······		Dawson Drive, Warren Mi				
	Bridgep	ort, WV 2	6330	. Of Owne					<del></del>		
				Coal Op	perator T	aniel	F Rafferty	,			
Agent				or Owne		314 1	rent Dr. La	itrobe PA 15650	<del>3</del>		
Permit Issu	ed Date	5/1/20	18								
									<del></del>		
STATE OF W	EST VIRGI	INIA		Ał	FIDAVIT						
County of Le	wis	_ ss:									
Kevin Met	7		David F	3066							
								y sworn according ere employed by the			
well operator	and partici	ipated in the v	work of ni	unning and	d filling the	above	well say tha	t said work was o	commenced on		
the 4th	day of	July	, 20_19	and the v	vell was pl	lugged	and filled in t	he following manne	г:		
TYPE	l F	ROM	TC	<u> </u>	PIPE	REMO	OVED	LEFT			
cement		721'	138		1700' o	2 3/8	" tubing	0' of 2 3/8"	<u> </u>		
gel		385'	122					1079' of 8 1/4	" casing		
cement		223'	989								
gel cement		989' 750	750								
gel		540'	540 300								
cement	1	300.	000	1							
			· · · · · · · · · · · · · · · · · · ·				I		<u></u>		
Description	of monume	nt: above g	rouna/a	101# 47-C	)41-001 <del>:</del>	5/	and the	nat the work of plug	ging and filling		
said well was o	completed of	on the ZOUT	day of	JIY	, 20_	10					
And further	denonents	saith not	Keres	200	1				OFFICIAL SEAL NOTARY PUBLIC		
, and refunct	acponents	oditii iiot.	7.0.0	7	70			\ \( \lambda \)	STATE OF WEST VIRGINIA KEVIN MASSIE		
			_2>	and	17Co	<u>80</u>			1111 DEERFIELD DRIVE FAIRMONT, WV 26554		
Sworn and	subscribe b	efore me this	30 da	ay of ゴル	14	, 20	18	To need	My commission axpiros November 24, 2020		
My commission	n expires:	11-24-2	070		Ver	in	Mari	<u> </u>			
						Nota	ry Public	_	_		
Affidavit reviewed by the Office of Oil and Gas: Dage & Henry Title: Inspector											

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### State of West Virginia

RECEIVED
Office of Oil and Gas

Department of Environmental Protection - Office of Oil and Gas

Discharge Monitoring Report Oil and Gas General Permit AUG 2 7 2018

WV Department of Company Name: EQT Production Company Environmental Protection API No: 47-041-00157 Lewis County: Court House District: Well No: 656461 Rafferty, WM. Farm Name: Discharge Date/s From:(MMDDYY) 070418 To: (MMDDYY) 072018 Discharge Times. From: To: Total Volume to be Disposed from this facility (gallons): 7980 Disposal Option(s) Utilized (write volumes in gallons): (1) Land Application: (Include a topographical map of the Area.) Permit No. (2) UIC: 2016-29 (3) Offsite Disposal: Site Location: Mud Masters (4) Reuse: Alternate Permit Number: (5) Centralized Facility: Permit No. (6) Other method: (Include an explanation) Follow Instructions below to determine your treatment category: Optional Pretreatment test: CI- mg/l DO mg/l 1. Do you have permission to use expedited treatment from the Director or his representative? (Y/N) If yes, who? and place a four (4) on line 7. If not go to line 2 2. Was Frac Fluid or flowback put into the pit? (Y/N) If yes, go to line 5. If not, go to 3. Do you have a chloride value pretreatment (see above)? (Y/N)

If yes, go to line 4 If not, go to line 5. 4. Is the Chloride level less than 5000 mg/l? (Y/N)

If yes, then enter a one (1) on line 7. 5. Do you have a pretreatment value for DO? (See above) (Y/N) If yes, go to line 6 If not, enter a three (3) in line 7. 6. Is the DO level greater than 2.5 mg/l?(Y/N)

If yes, enter a two (2) on line 7. If not, enter a three (3) on line 7. is the category of your pit. Use the Appropriate section. 8. Comments on Pit condition: Name of Principal Exec. Officer: Steven Pauley Title of Officer: Steven R. Pauley Regional Land Manager Date Completed: I certify under penalty of law the duction expension ally examined and am familiar with the information submitted on this document and all the attachments 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 and imprisonment.

Signature of a Principal Exec. Officer or Authorized agent.

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AUG 2 7 2016

To manufact Ville (And action

Steven R. Pauley
Regional Land Manager
And Attorney In Fact
EQT Production Company

Jakon je programa stalika stalika in kontrologija.

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