FORM 5A

Rev 06/12

State of Colorado Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109

COMPLETED INTERVAL REPORT

The completed interval Report, Form 5A, shall be submitted within thirty (30) days of completing a formation (successful or not), when a formation is temporarily abandoned or permanently abandoned, for a recompletion, reperforation or restimulation, or when a formation is commingled. Fill out a section for each formation. Attach as many pages as required to fully describe the work. List in order of completion.



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Document Number:

400345925

Date Received:

11/26/2012

1. OGCC Operator Number:10071	4. Contact Name: Julie Webb							
2. Name of Operator: BARRETT CORPORATION* BILL	Phone: (303) 312-8714							
3. Address: 1099 18TH ST STE 2300	Fax: (303) 291-0420							
City: DENVER State: CO Zip:80202								
5. API Number 05-045-20869-00	6. County: GARFIELD							
7. Well Name: FEDERAL	Well Number: 14B-34-691							
8. Location: QtrQtr: SESE Section: 33 Township: 6S	Range: 91W Meridian: 6							
9. Field Name: MAMM CREEK Field Code: 525	00							
Completed Interval								
FORMATION: COZZETTE Status: PRODUCING	Treatment Type: FRACTURE							
Treatment Date: 10/11/2012 End Date: 10/11/2012 D	Date of First Production this formation: 10/19/2012							
Perforations Top: 8718 Bottom: 8881 No. Holes:	12 Hole size: 0.34							
Provide a brief summary of the formation treatment: Open Hole:								
Treated With Williams Fork. See Williams Fork Treatment Summary.								
This formation is commingled with another formation: X Yes No								
Total fluid used in treatment (bbl):	Max pressure during treatment (psi):							
Total gas used in treatment (mcf):	Fluid density at initial fracture (lbs/gal):							
Type of gas used in treatment:	Min frac gradient (psi/ft):							
Total acid used in treatment (bbl): Number of staged intervals:								
Recycled water used in treatment (bbl):	Flowback volume recovered (bbl):							
Fresh water used in treatment (bbl): Disposition meth	hod for flowback:							
Total proppant used (lbs): Rule 8	05 green completion techniques were utilized:							
Reason why green compl	letion not utilized:							
Fracture stimulations must be reported on Frac	Focus.org							
Test Information:								
	Mcf Gas: 35 Bbl H2O: 0							
								
	bl H2O:0							
	ing PSI:650							
Gas Disposition: SOLD Gas Type: WET B	Stu Gas:0 API Gravity Oil:0							
Tubing Size: 2 + 3/8 Tubing Setting Depth: 7590 Tbg setting date	: Packer Depth:							
Reason for Non-Production:								
Date formation Abandoned: Squeeze: Yes No	If yes, number of sacks cmt							
** Bridge Plug Depth:	* Wireline and Cement Job Summary must be attached.							

FORMATION: CORCORAN Status: PRODUCING						Treatment Type: F	RACTURE STIMULATIO	DN			
Treatment Date:	10/11/2	012	End [Date: 10/1	1/2012	D	ate of Fi	rst Produ	ction this formation:	10/19/20	
Perforations	Top:	8928	Bottom	n: 8956	;	No. Holes:	10)	Hole size: 0.3	4	
Provide a brief sum	nmary of tl	ne formatio	n treatmer	nt:		Open Hole:					
Treated With Willia	ams Fork.	See Willian	ms Fork Tr	eatment Sur	mmary.						
This formation is co	ommingle	d with anoth	ner formati	on:	₹ Yes	No					
Total fluid u	sed in trea	atment (bbl)):	_			Ma	ax pressu	re during treatment (p	osi):	
Total gas us	sed in trea	tment (mcf)):	_			Fluid	density a	at initial fracture (lbs/g	jal):	
Type of (gas used i	in treatment	t:						Min frac gradient (psi	i/ft):	
Total acid u	sed in trea	atment (bbl)):	_				Nu	mber of staged interv	als:	
Recycled water u	sed in trea	atment (bbl)):	_				Flowback	volume recovered (b	obl):	
Fresh water u	sed in trea	atment (bbl)):	_	Dis	position meth	od for flo	owback:			
Tota	al proppar	nt used (lbs)):	_		Rule 8	05 greer	completi	ion techniques were ι	utilized:	
				Rea	son why	green compl	etion not	t utilized:			
		Fracture	e stimulat	ions must b	e repor	ted on Fracl	Focus.o	rg			
Test Information:											
Date: 11/02/201		Hours:	24	Bbl oil:	0	M	lcf Gas:	35	Bbl H2O:	0	
Calculated 24 hour	rate:	Bbl oil:	0	Mcf Gas:	35	- BI	bl H2O:	0	GOR:	0	
Test Method: Flow	ving			Casing PSI:	1425	Tubi	ng PSI:	650	Choke Size:	24/64	
Gas Disposition:	SOLD			Gas Type:	WET	- В	tu Gas:	1138	API Gravity Oil:	0	
Tubing Size: 2 +	+ 3/8	Γubing Setti	ing Depth:	7590	Tbg	setting date	: 10/1	9/2012	Packer Depth:		
Reason for Non-Pr	oduction:								-		
Date formation Aba	andoned:		Sq	ueeze:	Yes	No	If yes	s, number	r of sacks cmt		
** Bridge Plug Dep	th:	**	 ' Sacks ce	ment on top:		**	Wirelin	e and Ce	ment Job Summary n	must be atta	ached.
			Guono co	THORK OF LOP	<u> </u>		**********	<u> </u>	ment cos cuminary i	naor bo and	2011041

Treatment Date 10/11/2012	FORMATION: ROLLINS-WILLI	IAMS FORK	Status: 0	COMMING	GLED		Treatment Type:	FRACTUR STIMULA	RE TION
Provide a brief summary of the formation treatment: 1,088,464 lbs 20/40 White Sand, 121,400 lbs CRC Sand, 58,585 bbls Slickwater 1,088,464 lbs 20/40 White Sand, 121,400 lbs CRC Sand, 58,585 bbls Slickwater 1,088,464 lbs 20/40 White Sand, 121,400 lbs CRC Sand, 58,585 bbls Slickwater 1,088,464 lbs 20/40 White Sand, 121,400 lbs CRC Sand, 58,585 bbls Slickwater 1,088,464 lbs 20/40 White Sand, 121,400 lbs CRC Sand, 58,585 bbls Slickwater 1,088,464 lbs 20/40 White Sand, 121,400 lbs CRC Sand, 58,585 bbls Slickwater 1,088,464 lbs 20/40 White Sand, 121,400 lbs CRC Sand, 58,585 bbls Slickwater 1,088,464 lbs 20/40 White Sand, 121,400 lbs CRC Sand, 58,585 bbls Slickwater 1,088,464 lbs 20/40 White Sand, 121,400 lbs CRC Sand, 58,585 bbls Slickwater 1,088,464 lbs 20/40 White Sand, 121,400 lbs CRC Sand, 58,585 bbls Slickwater 1,088,464 lbs 20/40 White Sand, 121,400 lbs CRC Sand, 58,585 bbls Slickwater 1,088,464 lbs 20/40 White Sand, 121,400 lbs CRC Sand, 58,585 bbls Slickwater 1,088,464 lbs 20/40 lbs CRC Sand, 58,585 bbls Slickwater 1,088,464 lbs 20/40 lbs CRC Sand, 58,585 bbls Slickwater 1,084,641 lbs 20/40 lbs Calculated (lbs); 57407	Treatment Date: 10/11/20	012 Er	nd Date: 10/	18/2012	[Date of First F	Production this formation:		
1,088,464 lbs 20/40 White Sand, 121,400 lbs CRC Sand, 58,585 bbls Slickwater This formation is commingled with another formation: X Yes No No No No No No No N	Perforations Top:	6215 Bot	tom: 895	6	No. Holes:	212	Hole size: 0.	.34	
This formation is commingled with another formation:	Provide a brief summary of the	he formation treatr	ment:		Open Hole				
Total fluid used in treatment (bbl): 57241	1,088,464 lbs 20/40 White S	Sand, 121,400 lbs	CRC Sand, 58,	585 bbls	Slickwater				
Total gas used in treatment (mcf): 0 Fluid density at initial fracture (lbs/gal): 8.39 Type of gas used in treatment:	This formation is commingled	d with another forn	nation:	X Yes	No				
Type of gas used in treatment: Total acid used in treatment (bbl): 166 Recycled water used in treatment (bbl): 57407 Flowback volume recovered (bbl): 36293 Fresh water used in treatment (bbl): 0 Disposition method for flowback: RECYCLE Total proppant used (lbs): 1209864 Reason why green completion not utilized: Fracture stimulations must be reported on FracFocus.org Test Information: Date: Hours: Bbl oil: Mcf Gas: Bbl H2O: GOR: Calculated 24 hour rate: Bbl oil: Mcf Gas: Bbl H2O: GOR: Test Method: Casing PSI: Tubing PSI: Choke Size: Gas Disposition: Gas Type: Btu Gas: API Gravity Oil: Tubing Size: Tubing Setting Depth: Tbg setting date: Packer Depth: Reason for Non-Production: Date formation Abandoned: Squeeze: Yes No If yes, number of sacks cmt	Total fluid used in trea	atment (bbl): 572	241			Max pr	essure during treatment	(psi):6	5926
Total acid used in treatment (bbl): 166 Number of staged intervals: 8 Recycled water used in treatment (bbl): 57407 Flowback volume recovered (bbl): 36293 Fresh water used in treatment (bbl): 0 Disposition method for flowback: RECYCLE Total proppant used (lbs): 1209864 Rule 805 green completion techniques were utilized: Reason why green completion not utilized: Fracture stimulations must be reported on FracFocus.org	Total gas used in treat	tment (mcf):)			Fluid der	nsity at initial fracture (lbs	s/gal):8	3.39
Recycled water used in treatment (bbl): 57407 Fresh water used in treatment (bbl): 0 Disposition method for flowback: RECYCLE Total proppant used (lbs): 1209864 Rule 805 green completion techniques were utilized: Reason why green completion not utilized: Reason why green completion not utilized: Reason why green completion not utilized: Reason why green completion not utilized: Reason why green completion not utilized: Reason why green completion not utilized: Reason why green completion not utilized: Reason why green completion not utilized: Reason why green completion not utilized: Reason grace Bbl H2O: GOR: Calculated 24 hour rate: Bbl oil: Mcf Gas: Bbl H2O: GOR: Calculated 24 hour rate: Bbl oil: Mcf Gas: Bbl H2O: GOR: Choke Size: Gas Disposition: Gas Type: Btu Gas: API Gravity Oil: Tubing Size: Tubing Setting Depth: Tbg setting date: Packer Depth: Reason for Non-Production: Date formation Abandoned: Squeeze: Yes No If yes, number of sacks cmt Calculated (bbl): 36293	Type of gas used in	n treatment:					Min frac gradient (p	osi/ft):	0.59
Fresh water used in treatment (bbl): 0 Disposition method for flowback: RECYCLE Total proppant used (lbs): 1209864 Rule 805 green completion techniques were utilized: Reason why green completion not utilized: Fracture stimulations must be reported on FracFocus.org Test Information: Date: Hours: Bbl oil: Mcf Gas: Bbl H2O: GOR: Calculated 24 hour rate: Bbl oil: Mcf Gas: Bbl H2O: GOR: Test Method: Casing PSI: Tubing PSI: Choke Size: Gas Disposition: Gas Type: Btu Gas: API Gravity Oil: Tubing Size: Tubing Setting Depth: Tbg setting date: Packer Depth: Reason for Non-Production: Date formation Abandoned: Squeeze: Yes No If yes, number of sacks cmt	Total acid used in trea	atment (bbl): 16	6				Number of staged inte	rvals:	8
Total proppant used (lbs): 1209864 Rule 805 green completion techniques were utilized: Reason why green completion not utilized: Fracture stimulations must be reported on FracFocus.org	•	· · · · · · · · · · · · · · · · · · ·	07					(bbl):36	6293
Reason why green completion not utilized: Fracture stimulations must be reported on FracFocus.org		· · · · · · · · · · · · · · · · · · ·		Dis	•				
Test Information: Date: Hours: Bbl oil: Mcf Gas: Bbl H2O: GOR: Test Method: Casing PSI: Tubing PSI: Choke Size: Btu Gas: API Gravity Oil: Tubing Size: Tubing Setting Depth: Tbg setting date: Packer Depth: Date formation Abandoned: Squeeze: Yes No If yes, number of sacks cmt	Total proppan	nt used (lbs): 1209				-		e utilized:	X
Test Information: Date:							ized:		
Date: Hours: Bbl oil: Mcf Gas: Bbl H2O: Calculated 24 hour rate: Bbl oil: Mcf Gas: Bbl H2O: GOR: Test Method: Casing PSI: Tubing PSI: Choke Size: Gas Disposition: Gas Type: Btu Gas: API Gravity Oil: Tubing Size: Tubing Setting Depth: Tbg setting date: Packer Depth: Reason for Non-Production: Squeeze: Yes No If yes, number of sacks cmt		Fracture stim	ulations must	be repoi	ted on Frac	Focus.org			
Date: Hours: Bbl oil: Mcf Gas: Bbl H2O: Calculated 24 hour rate: Bbl oil: Mcf Gas: Bbl H2O: GOR: Test Method: Casing PSI: Tubing PSI: Choke Size: Gas Disposition: Gas Type: Btu Gas: API Gravity Oil: Tubing Size: Tubing Setting Depth: Tbg setting date: Packer Depth: Reason for Non-Production: Squeeze: Yes No If yes, number of sacks cmt	Test Information:								
Test Method: Casing PSI: Tubing PSI: Choke Size: Gas Disposition: Gas Type: Btu Gas: API Gravity Oil: Tubing Size: Tubing Setting Depth: Tbg setting date: Packer Depth: Reason for Non-Production: Date formation Abandoned: Squeeze: Yes No If yes, number of sacks cmt		Hours:	Bbl oil:			//dcf Gas:	Bbl H2C	D:	
Gas Disposition: Tubing Size: Tubing Setting Depth: Tubing Size: Tubing Setting Depth: Tog setting date: Packer Depth: Reason for Non-Production: Date formation Abandoned: Squeeze: Yes No If yes, number of sacks cmt	Calculated 24 hour rate:	Bbl oil:	Mcf Gas:		Е	Bbl H2O:	GOR	₹:	
Tubing Size: Tubing Setting Depth: Tbg setting date: Packer Depth: Reason for Non-Production: Date formation Abandoned: Squeeze: Yes No If yes, number of sacks cmt	Test Method:		Casing PSI:		– Tub	ing PSI:	——— Choke Size	e:	_
Tubing Size: Tubing Setting Depth: Tbg setting date: Packer Depth: Reason for Non-Production: Date formation Abandoned: Squeeze: Yes No If yes, number of sacks cmt	Gas Disposition:		Gas Type:		_ [Btu Gas:	API Gravity Oi	1:	
Date formation Abandoned: Squeeze: Yes No If yes, number of sacks cmt	Tubing Size: T	Fubing Setting Dep	_		setting date	e:	Packer Depth	ո:	
	Reason for Non-Production:								
** Bridge Plug Depth: ** Sacks cement on top: ** Wireline and Cement Job Summary must be attached.	Date formation Abandoned:		Squeeze:	Yes	■ No	If yes, nu	ımber of sacks cmt		
	** Bridge Plug Depth:	** Sacks	cement on ton	··	*	* Wireline an	— nd Cement Job Summary	must be a	attached

FORMATION: ROLLINS		Status: P	RODUCII	NG		Treatment Type: F	RACTURE TIMULATION
Treatment Date: 10/12/20	012 E	nd Date: 10/1:	2/2012	Date of F	rirst Produ	ction this formation:	10/19/2012
Perforations Top:		ttom: 8248		No. Holes: 1		Hole size: 0.34	
Provide a brief summary of the	ne formation treati	ment:		Open Hole:			
Treated With Williams Fork.	See Williams For	k Treatment Sun	nmary.				
This formation is commingled	d with another forr	nation:	Yes	No			
Total fluid used in trea	atment (bbl):			М	ax pressu	re during treatment (p	si):
Total gas used in trea	tment (mcf):			Fluid	d density a	at initial fracture (lbs/g	al):
Type of gas used i	n treatment:					Min frac gradient (psi	/ft):
Total acid used in trea	atment (bbl):				Nu	mber of staged interva	als:
Recycled water used in trea	atment (bbl):				Flowback	volume recovered (b	bl):
Fresh water used in trea	· · · · —		Disp	position method for f			
Total proppan	it used (lbs):			•	•	ion techniques were u	itilized:
				green completion no			
	Fracture stim	ulations must b	e repor	ted on FracFocus.o	org		
Test Information:							
Date: 11/02/2012	Hours: 24	Bbl oil:	0	Mcf Gas:	35	Bbl H2O:	0
Calculated 24 hour rate:	Bbl oil: 0	Mcf Gas:	35	Bbl H2O:	0	GOR:	0
Test Method: Flowing		Casing PSI:	1425	Tubing PSI:	650	Choke Size:	24/64
Gas Disposition: SOLD		Gas Type:	WET	Btu Gas:	1138	API Gravity Oil:	0
Tubing Size: 2 + 3/8 7	Tubing Setting De	 pth: 7590	Tbg	setting date: 10/	19/2012	Packer Depth:	
Reason for Non-Production:						-	
Date formation Abandoned:		Squeeze:	Yes	No If ye	s, numbe	r of sacks cmt	
** Bridge Plug Depth:	** Sacks	s cement on top:		** Wirelii	ne and Ce	ement Job Summary m	 nust be attached

FORMATION: WILL	IAMS FORK	Sta	atus: PRODUCI	NG			Treatment Type		
	40/44/0040		40/40/0040	Date of First Production				STIMULATIO	
Treatment Date:	10/11/2012	End Date:	10/18/2012	-)12
Perforations	Top: 6215	Bottom:	8036	No. Holes:	198		Hole size: (0.34	
	mary of the formation t		- ·	Open Hole:					
	mmingled with another	tormation:	X Yes	No					
	sed in treatment (bbl):_						e during treatmen	····	
_	ed in treatment (mcf):_				Fluid d	density at	initial fracture (lb	os/gal):	
Type of g	as used in treatment:_					N	/lin frac gradient ((psi/ft):	
Total acid us	sed in treatment (bbl):_					Num	ber of staged into	ervals:	
Recycled water us	sed in treatment (bbl):_				FI	lowback v	volume recovered	d (bbl):	
Fresh water us	sed in treatment (bbl):_		Dis	position met	hod for flov	wback:			
Tota	I proppant used (lbs):_			Rule 8	305 green o	completic	n techniques we	re utilized:	
			Reason why	green comp	letion not ι	utilized:			
	Fracture	stimulations	must be repor	ted on Frac	Focus.org	3			
Test Information:									
Date: 11/02/2012	2 Hours: 24	<u> </u>	Bbl oil: 0	N	/lcf Gas:	598	Bbl H2	O:0	
Calculated 24 hour	rate: Bbl oil: 0) Mc	f Gas: 598	В	Bbl H2O:	0	GO	R: 0	
Test Method: Flowi	ina	—— Casin	g PSI: 1425	- Tub	ing PSI:	650	Choke Siz	ze: 24/64	
Gas Disposition:			Type: WET	-	_	1138	API Gravity C		_
_	3/8 Tubing Setting		· -	setting date	_		Packer Dep		_
		у Берин		Setting date			i ackei bep		-
Reason for Non-Pro									
Date formation Aba	ndoned:	Squeeze	: Yes	No	If yes,	number	of sacks cmt		
** Bridge Plug Dept	h: ** S	acks cement	on top:	*	* Wireline	and Cen	nent Job Summar	ry must be atta	ached.
Commont									
Comment:	Managina in the ANN ATIV	and DLNC and				h . 6 a maa a . 4	:		
	frac is in both WMFK a					-			
-	tatements made in this	form are, to t		_			mplete.		
Signed:				Print Name:					
Title: Permit An	naiyst	Date:	11/26/20	12 Em :	all jwebb	@bilibarr	ettcorp.com		
		Att	achment C	heck List	<u>!</u>				
Att Doc Num	Name								
400345925 FORM 5A SUBMITTED									
400345987	WELLBORE DIAG	GRAM							
Total Attach: 2 Files	5			_					
			General Con	<u>nments</u>					
	Comment						<u>Con</u>	nment Date	
	Operator reported to							12/20/2012	
	ops received 12/20/ On hold for reporting		ıc					8:02:17 AM 12/6/2012	
	VO Cozette and Cor		10.				1	1:12:25 AM	
Total: 2 comment		•							

Date Run: 12/20/2012 Doc [#400345925] Well Name: FEDERAL 14B-34-691