FORM 5A

Rev 06/12

## State of Colorado Oil and Gas Conservation Commission

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Date Received:

## **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.

1. OGCC Op	I. OGCC Operator Number:100185									Sheilla	Reed-High		_
2. Name of C	Name of Operator: ENCANA OIL & GAS (USA) INC									76-3678			
3. Address: 370 17TH ST STE 1700								Fax:	(720) 87	76-4678			
City:	City: DENVER State: CO Zip: 80202-												
5. API Numb	5. API Number 05-013-06647-00							6. County	<i>/</i> :	BOUL	_DER		
7. Well Name: DEASON Well Number: 2								2-36					
8. Location:	QtrQtr:	NENW	Section:	36	Towr	nship:	2N	Ran	ge: 69V	V	Meridian:	6	
9. Field Nam	e:	WATTENBERG			Field C	ode:	90750	)					

## **Completed Interval**

Treatment Date: 09/13/2012  End Date: 09/28/2012  Date of First Production this formation: 10/13/2012  Perforations Top: 7662  Botton: 7676  No. Holes: 42  Hole size: 0.42  Provide a brief summary of the formation treatment: Open Hole: Set Off 725: 09/15-12  Provide a brief summary of the formation treatment: Open Hole: Set Off 725: 09/15-12  Provide a brief summary of the formation treatment: Open Hole: Set Off 725: 09/15-12  Provide a brief Summary of the Codell 7662-7676 (42 holes) w/ 89,586 gal 22# Vistar Hybrid cross linked gel containing 250 (10-8 30/16) sent. 09/15-12  Provide a brief Summary of Summar	FORMATION: CODELL		Sta	atus: COMMIN	GLED		Treatment Type: FR — ST	ACTURE IMULATION
Provide a brief summary of the formation treatment:  Set CFP @ 7725'. 09-15-12 Frac'd the Codell 7662-7676' (42 holes) w/ 89,586 gal 22# Vistar Hybrid cross linked gel containing 250,100 # 30/50 sand. 09-17-12  This formation is commingled with another formation:  Total fluid used in treatment (bbl):  Total gas used in treatment (mcf):  Total acid used in treatment (bbl):  Total acid used in treatment (bbl):  Recycled water used in treatment (bbl):  Fresh water used in treatment (bbl):  Total proppant used (lbs): 250100  Reason why green completion not utilized:  Fracture stimulations must be reported on FracFocus.org  Test Information:  Date:  Hours:  Bbl oil:  Mcf Gas:  Bbl H2O:  Calculated 24 hour rate:  Bbl oil:  Casing PSI:  Tubing PSI:  Choke Size:  Gas Disposition:  Tubing Size:  Tubing Setting Depth:  Tig yes, number of sacks cmt  If yes, number of sacks cmt	Treatment Date: 09/13/	2012	End Date:	09/28/2012	D	ate of First Prod		
Set CFP @ 7725'. 09-15-12   Frac'd the Codell 7662'-7676' (42 holes) w/ 89,586 gal 22# Vistar Hybrid cross linked gel containing 250,100 # 30/50 sand. 09-17-12   This formation is commingled with another formation:		7662	Bottom:	7676	_			
Fracture stimulations must be reported on FracFocus.org	Provide a brief summary of	the formation t	reatment:		Open Hole:			
Total fluid used in treatment (bbl): 2766	Frac'd the Codell 7662'-76	76' (42 holes) v		22# Vistar Hyt	orid cross linke	ed gel		
Total gas used in treatment (mcf):  Type of gas used in treatment:  Total acid used in treatment (bbl):  Recycled water used in treatment (bbl):  Fresh water used in treatment (bbl):  Total proppant used (lbs): 250100  Reason why green completion not utilized:  Fracture stimulations must be reported on FracFocus.org  Test Information:  Calculated 24 hour rate: Bbl oil: Mcf Gas: Bbl H2O:  Casing PSI: Tubing PSI: Choke Size:  Gas Type: Btu Gas: API Gravity Oil:  Tubing Size: Tubing Setting Depth: Tbg setting date: Packer Depth:  Reason who fixed, number of sacks cmt  Fluid density at initial fracture (lbs/gal): 8.34  Min frac gradient (psi/ft): 0.76  Min frac gradient (psi/ft): 0.76  Min frac gradient (psi/ft): 0.76  Number of staged intervals: 1  Packer Depth: Packer Depth:  Flowback volume recovered (bbl):  Flowback volume recovered (bbl):  Packer Depth: Pac	This formation is commingle	ed with another	formation:	X Yes	No			
Type of gas used in treatment:	Total fluid used in tre	eatment (bbl):_	2766			Max press	ure during treatment (ps	i): 4673
Total acid used in treatment (bbl):	Total gas used in tre	eatment (mcf):_				Fluid density	at initial fracture (lbs/ga	l): 8.34
Recycled water used in treatment (bbl): 2766   Flowback volume recovered (bbl):   Fresh water used in treatment (bbl):   Disposition method for flowback:   DISPOSAL   Total proppant used (lbs): 250100   Rule 805 green completion techniques were utilized:   Reason why green completion not 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:   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   Casing PSI:   Choke	Type of gas used	I in treatment:_					Min frac gradient (psi/ft	t): <u>0.76</u>
Fresh water used in treatment (bbl):  Total proppant used (lbs): 250100  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 tre	eatment (bbl):_				N	umber of staged interval	s:1
Total proppant used (lbs): 250100 Rule 805 green completion techniques were utilized: Reason why green completion not utilized:    Fracture stimulations must be reported on FracFocus.org	Recycled water used in tre	eatment (bbl):_	2766			Flowbac	k volume recovered (bb	l):
Reason why green completion not utilized:    Fracture stimulations must be reported on FracFocus.org	Fresh water used in tre	eatment (bbl):_		Dis				
Fracture stimulations must be reported on FracFocus.org  Test Information:  Date: Hours: Bbl oil: Mcf Gas: Bbl H2O: GOR: Sdeed and State	Total proppa	ant used (lbs):_	250100				•	lized:
Test Information:  Date: Hours: Bbl oil: Mcf Gas: Bbl H2O: GOR: Solution Solution: Tubing 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							:	
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: Packer Depth: Date formation Abandoned: Squeeze: Yes No If yes, number of sacks cmt		Fracture	stimulations	must be repo	rted on FracF	ocus.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: Packer Depth: Date formation Abandoned: Squeeze: Yes No If yes, number of sacks cmt	Test Information:							
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		Hours:	F	3bl oil:	M	cf Gas:	Bbl H2O:	
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								
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		DDI OII			_			
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	-				_			
Reason for Non-Production:  Date formation Abandoned:  Squeeze: Yes No If yes, number of sacks cmt		Tubing Sotting						
Date formation Abandoned: Squeeze: Yes No If yes, number of sacks cmt					y selling date.			
			0		■ Na	16	an af a a also anat	
** Bridge Plug Depth:		-			I NO	•		
	** Bridge Plug Depth:	** S	acks cement	on top:	**	Wireline and C	ement Job Summary mu	ıst be attached.

FORMATION: J-NIOBRARA-CODELL Status: COMMINGLED Treatment Type:												
Treatment Date:			End [	Date:		_	Date of Fi	rst Produ	- ction this form	ation:	10/13/201	12
Perforations	Тор:	7454	Bottom	n: 8130		No. Holes	: 140	0	Hole size:	0.42	<u> </u>	
Provide a brief sur	mmary of th	he formati	on treatmen	nt:		Open Hol	e: 🔲					
Set CBP @ 7420 Drilled out CBP a			gle the JSN	D-NBRR-CD	L. 09-2	8-12						
This formation is commingled with another formation:  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 ι	used in trea	atment (bl	ol):	_				Nur	mber of staged	d interva	als:	
Recycled water u	used in trea	atment (bl	ol):	_			1	Flowback	volume recov	ered (b	bl):	
Fresh water u	used in trea	atment (bl	ol):	_	Disp	oosition me	ethod for flo	owback:				
Tot	al proppar	nt used (lb	s):	_		Rule	805 green	completi	on techniques	were u	tilized:	
				Reas	on why	green com	pletion not	t utilized:	-			
		Fractu	ıre stimulat	ions must b	e repor	ted on Fra	cFocus.o	rg				
Test Information:												
Date: 10/22/201		Hours:	24	Bbl oil:	78		Mcf Gas:	397	Bb	l H2O:	48	
Calculated 24 hou	r rate:	Bbl oil:	78	Mcf Gas:	397	-	Bbl H2O:	48		GOR:	5090	
Test Method: FLC	WING	_		- Casing PSI:	1410	- Tu	bing PSI:	633	Choke	e Size:	12/64	
Gas Disposition:	SOLD			Gas Type:	DRY		Btu Gas:	1269	API Grav	ity Oil:	52	
Tubing Size: 2	+ 3/8	Γubing Se	tting Depth:	8078	Tbg	setting da	te: 09/2	28/2012	Packer	Depth:		
Reason for Non-Pi	roduction:								•			
Date formation Aba	andoned:		Sqı	ueeze:	Yes	■ No	If yes	s, number	of sacks cmt			J
** Bridge Plug Dep	oth:		** Sacks ce	ment on top:			** Wirelin	e and Ce	ment Job Sum	marv m	 nust be attac	ched.
			Guorio do	mont on top.			**********	- una - co	THORK GOD Guil	a.y	Table bo allac	J.100.

FORMATION: J SAND		Statu	ıs: PRODUC	ING		Treatment Type:	FRACTURE STIMULATION				
Treatment Date: 09/1	3/2012	End Date:	09/28/2012	Da	te of First Produc	ction this formation:	10/13/2012				
Perforations Top:	8100	Bottom:	8130	No. Holes:	50	Hole size: 0.4	2				
Provide a brief summary	of the formation t	reatment:		Open Hole:							
Frac'd the J-Sand 8100' Hybrid cross linked gel o				18 # Vistar							
This formation is commin	gled with another	r formation:	X Yes	No No							
Total fluid used in	treatment (bbl):_	3851			Max pressur	re during treatment (	osi):3395				
Total gas used in treatment (mcf): Fluid density at initial fracture (lbs/gal): 8.34											
Type of gas used in treatment:  Min frac gradient (psi/ft): 0.57											
Total acid used in	treatment (bbl):_				Nur	mber of staged interv	/als:1				
Recycled water used in	treatment (bbl):_	3851			Flowback	volume recovered (I	obl):				
Fresh water used in	treatment (bbl):_		Dis	sposition metho	d for flowback:	DISPOSAL					
Total prop	pant used (lbs):_	250440		Rule 805	green completi	on techniques were	utilized:				
			Reason why	green complet	tion not utilized:						
	Fracture	stimulations m	ust be repoi	rted on FracFo	ocus.org						
Test Information:											
Date:	Hours:	Bb	l oil:	Mc	f Gas:	Bbl H2O:					
Calculated 24 hour rate:	Bbl oil:	Mcf (	Gas:	Bbl	H2O:	GOR:					
Test Method:		Casing	PSI:	Tubin	g PSI:	Choke Size:					
Gas Disposition:		Gas T	ype:	Btu	ı Gas:	API Gravity Oil:					
Tubing Size:	Tubing Setting	g Depth:	Tbg	g setting date:		Packer Depth:					
Reason for Non-Producti	on:										
Date formation Abandone	ed:	Squeeze:	Yes	No	If yes, number	of sacks cmt					
** Bridge Plug Depth:	** S	— Sacks cement on	top:	**	Wireline and Cer	ment Job Summary	must be attached.				
202 20 212											

FORMATION: NIOBRARA-C	ODELL	Status:	PRODUCI	NG		Treatment Type:				
Treatment Date:		End Date:		Da	ate of First Prod	— uction this formati	on: 10/13/2012			
Perforations Top:	7454 E	Bottom: 767	6	No. Holes:	90	Hole size:	0.42			
Provide a brief summary of	the formation trea	atment:		Open Hole:						
This formation is commingle	ed with another fo	ormation:	X Yes	No						
Total fluid used in tre	eatment (bbl):				Max pressi	ure during treatme	ent (psi):			
Total gas used in tre	eatment (mcf):				Fluid density	at initial fracture	lbs/gal):			
Type of gas used	d in treatment:					Min frac gradien	t (psi/ft):			
Total acid used in tre	eatment (bbl):				N	umber of staged i	ntervals:			
Recycled water used in tro	eatment (bbl):				Flowbac	k volume recover	ed (bbl):			
Fresh water used in tre	eatment (bbl):		Dis	position meth	od for flowback:					
Total proppa	ant used (lbs):			Rule 80	05 green comple	tion techniques w	ere utilized:			
		Rea	ason why	green comple	etion not utilized	:				
	Fracture sti	mulations must	be repor	ted on FracF	ocus.org					
Test Information						_				
Test Information:										
Date:	Hours:	Bbl oil	:	_ M	cf Gas:	Bbl F	120:			
Calculated 24 hour rate:	Bbl oil:	Mcf Gas	:	_ Bb	ol H2O:	_ _	OR:			
Test Method:		Casing PSI	:	Tubir	ng PSI:	Choke S	Size:			
Gas Disposition:		Gas Type	:	Bt	tu Gas:	API Gravity	Oil:			
Tubing Size:	Tubing Setting D	epth:	Tbg	setting date:		- Packer De	epth:			
Reason for Non-Production	ı:		_			_				
Date formation Abandoned	:	Squeeze:	Yes	No	If yes, number	er of sacks cmt				
** Bridge Plug Depth:	** Sac	:ks cement on top	o:	**	Wireline and C	ement Job Summ	ary must be attached.			
							ary much ac anachour			

FORMATION: NIOBRA		Status: COMMINGLED					Treatment Type: FRACTURE STIMULATION				
Treatment Date: (	09/13/2012	End Da	ate: 09/28	/2012		Date of First	Production t	his formation:	10/	13/2012	
Perforations T	op: 74	54 Bottom:	7466		No. Holes:	48	Hole	size: 0.	42		
Provide a brief summ	ary of the fo	rmation treatment	:		Open Hole:						
Set CFP @ 7526'. 0 Frac'd the Niobrara 7 gel containing 250,20	7454-7466',	(48 holes), w/ 96,5 and. 09-17-12	516 gals 18 #	# Vistar	Hybrid cros	s linked					
This formation is com	mingled with	n another formatio	n: 🔀	Yes	No						
Total fluid use	d in treatme	nt (bbl): 3228	_			Мах р	ressure duri	ng treatment	(psi): _	5102	
Total gas used	d in treatmer	nt (mcf):	_			Fluid de	nsity at initia	Il fracture (lbs	s/gal): _	8.34	
Type of gas used in treatment: Min frac gradient (psi/ft): 0.83										0.83	
Total acid use	d in treatme	nt (bbl):					Number	of staged inte	rvals: _	1	
Recycled water use	d in treatme	nt (bbl): 3228				Flov	wback volum	ne recovered	(bbl): _		
Fresh water use	d in treatme	nt (bbl):		Disp	osition met	hod for flowb	pack: DIS	SPOSAL	SAL		
Total p	proppant use	ed (lbs): 250200				•	•	hniques were	utilized	d: 🔀	
			Reaso	on why	green comp	letion not uti	lized:				
	F	racture stimulation	ons must be	e report	ed on Frac	Focus.org					
Test Information:											
Date:	Но	urs:	Bbl oil:		N	// Mcf Gas:		Bbl H2C	):		
Calculated 24 hour ra	- ite: Bbl	oil:	Mcf Gas:			Bbl H2O:		GOR	R:	_	
Test Method:		C	asing PSI:		Tub	oing PSI:		Choke Size	e:		
Gas Disposition: SC	OLD		Gas Type:	DRY	E	Btu Gas:	А	PI Gravity Oi	l:		
Tubing Size:	Tubir	g Setting Depth:	_	Tbg	setting date	—— e:		Packer Depth	n:		
Reason for Non-Prod	uction:										
Date formation Aband	doned:	Squ	eeze:	Yes	No	If yes, no	umber of sad	cks cmt			
** Bridge Plug Depth:		** Sacks cem	nent on top:		*	* Wireline a	nd Cement	Job Summary	must b	e attached.	
Comment:											
I hereby certify all sta	tements ma	de in this form are	to the best	of mv k	nowledge, t	rue, correct.	and comple	te.			
Signed:			•	•	•	sheillahigh@	•				
Title: Drilling and	Compl. Tec	h. D	Date: Email sheilla.reedhigh@Enca								
			Attacker	CI		1				_	
Au D. N	INI.		<u>Attachm</u>	ent C	HECK LIST	<u>L</u>					
Att Doc Num 400374586	Name	RE DIAGRAM									
Total Attach: 1 Files	IVVELLBOI	RE DIAGRAM									
	General Comments										
User Group Co	<u>mment</u>						Comment Date				
Total: 0 comment(s	s)										