Form 3160-5 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**



FORM APPROVED OMB No. 1004-0137 Expires: July 31, 2010

	NMNM 112953	NMNM 112953							
	OTICES AND REPO	6. If Indian, Allottee of	6. If Indian, Allottee or Tribe Name						
	orm for proposals to Jse Form 3160-3 (AF	N/A	RCVD SEP 24'14						
SUBMIT	IN TRIPLICATE – Other i	instructions on page 2	<u> </u>	7. If Unit of CA/Agre	ement, Name and/or No.				
1. Type of Well			S 2314	→ N/A	OTL CONS. DIV.				
✓ Oil Well Gas W	ell Other	يه وي المنطق			8. Well Name and No. Lybrook M28-2306 01H				
2. Name of Operator Encana Oil & Gas (USA) Inc.		Bun the Calut	1. Contactions	9. API Well No. 30-043-21178	DIST. 3				
3a. Address 370 17th Street, Suite 1700 Denver, CO 80202		3b. Phone No. <i>(include</i> 720-876-5867	area code)	10. Field and Pool or Lybrook Gallup					
4. Location of Well (Footage, Sec., T., I SHL: 354 FSL and 1265 FWL Sec 28, T23N, R6 BHL: 338 FSL and 400 FWL Sec 33, T23N, R6W	R.,M., or Survey Description)			11. Country or Parish Sandoval, New Mex					
12. CHEC	K THE APPROPRIATE BOX	X(ES) TO INDICATE	NATURE OF NOT	TICE, REPORT OR OTH	IER DATA				
TYPE OF SUBMISSION			TYPE OF AC	CTION					
Notice of Intent	Acidize	Deepen	☐ Pro	oduction (Start/Resume)	Water Shut-Off				
Notice of Intent	Alter Casing	Fracture Treat	☐ Re	clamation	Well Integrity				
C Subsequent Bonest	Casing Repair	New Construc	tion Re	complete	Other Correction to inital				
✓ Subsequent Report	Change Plans	Plug and Abar	ndon 🔲 Te	mporarily Abandon	submittal				
Final Abandonment Notice	Convert to Injection	Plug Back	_	ater Disposal					
determined that the site is ready for Attached is an amended Completion	• •	6 and 27 (bottom per	f interval) from 11		FOR RECORD				
					SEP 2 2 2014				
				FARMINGTON BY:_ <i>W.L.</i>	Gam Tambeken				
	•		•						
14. I hereby certify that the foregoing is tr Name (Printed/Typed)	ue and correct.								
Cristi Bauer		Title (Operations Techr	nician					
Signature CRiSH	17/14								
	THIS SPACE	FOR FEDERAL (OR STATE O	FFICE USE					
Approved by									
		ļ,	itle		Date				
Conditions of approval, if any, are attached that the applicant holds legal or equitable to entitle the applicant to conduct operations to	tle to those rights in the subject	not warrant or certify	Office		Dute				

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3160-4000 FOR THE UNITED STATES

DEPARTMENT OF THE INTERIOR

DEPARTMENT OF THE INTERIOR

AMENDED

FORM APPROVED OMB NO. 1004-0137

			В	UREA	U OF I	LAND MAI	NA	GEME	VT	Z 71.1.	711			. ,		Expires: O	ctober 31, 2014	
	W	ELL	COMPL	ETION	OR R	ECOMPLE	TIC	N REP	ORT	AND L	ÓG-				ease Ser			
a. Type of b. Type of	Well Completion	Z	Oil Well New Well	Ga:	s Well ork Over	Dry Deepen	Ot Pl	her ug Back	☐ Dift	Resvr.,	(<u>L</u>)	íδ	2314	N/A			Tribc Name	
			Other:						į	. سداده اداد ا		~~ <i>}</i> ~	~'~ O~	7. U 30(N/A	nit or C	A Agreeme	nt Name and No.	
Name of Encana O	Operator il & Gas (L	JSA) I	Inc.		······································	·			ಕ್ಕ	11:00	7/15		{	8. L	case Na ook M	me and Wel 28-2306 0	l No. 1H	
. Address	370 17th Stre Denver, CO		te 1700						Phone N 20-876-		ude are	ea code	2)	9. A	PI Well 043-21	No.		
Location	of Well (Re	eport l	ocation clea	rly and i	in accordo	mce with Feder	al re	quiremen	(s)*							d Pool or Ex	ploratory	
At surfac	^e 354' FS	L and	1265' FW	/L, Sect	ion 28, T	23N, R6W								111 9	rook G Sec., T., Survey o	R M on I	Block and ion 28, T23N, R6W	
At top pro	d. interval r	reporte	d below 36	3' FNL	and 386	6' FWL, Section	on 3	3, T23N,	R6W							or Parish	13. State	
At total de	338' F	FSL a	nd 400 FV	VL. Sec	tion 33.	T23N, R6W								San	doval		NM	
4. Date Sp 06/05/201	udded		15.		. Reached				ate Comp			2014 o Prod		17.	Elevatio 0' GL	ns (DF, RK	B, RT, GL)*	
8. Total D		11,		13/201-		g Back T.D.:	MD	n/a	ID & A				ridge Plug		MD 5	200'		
	TV	D 559	99'		1) n/a				·			TVD 5	200'		
None			chanical Log								V	Vas DS		Z N	。	Yes (Submi Yes (Submi Yes (Submi	it report)	
	and Liner F	Record	(Report all	1)		Stage Ce	menter	No	of Sho	· Rr	Shore	Vol				
Hole Size	Size/Gra	ade	Wt. (#/ft.)	Тор	(MD)	Bottom (MD	"	Stage Ce Dep			to. of Sks. & Sturry V pe of Cement (BBL)			l. Cement To		Amount Pulled		
12.25"	9.625"/J	55	36#	Surfac	:e	528'	_	N/A		330sk	з Тур	e III	69		Surfac	ce (CIR)	N/A	
8.75"	7"/J55		26#	Surfac	ce	5021'	-	2365'		615sks			214			ce (CIR)	N/A	
	7"/L80		26#	5021'		6290'					s Hal	Halcem 78		Surfa		ce (CIR)	N/A	
6.125"	4.5"/SB8	30	11.6#	6069'		11,107'		N/A		N/A			N/A		N/A		N/A	
	<u> </u>					ļ											SEP 24'14	
24. Tubing	Record V	JTT.T.	BE PRO	VIDEI	ON T	UBING SUN	ADB	₹							 		IONS.DIV.	
Size	Depth S			er Depth		Size		Depth Set	(MD)	Packer I	Depth ((MD)	Size	:]	Dept	h Set (MD)	Packer Depth (MD)	
]				
25. Produci	ng Intervals Formation		r	Tor		Bottom	2		foration I orated In			ī	Size	No. I	lalor	ı	Perf. Status	
A) Gallup	Pormatio		6	649.41		11,107.00	1	6701'-11		tervar		0.44		684	ioies	Open	ren, status	
B)							7	010111	10-11		-	0				Орон		
C)		-				~									-			
D)					$\neg \neg$		$\neg \dagger$	<u> </u>				l						
27. Acid, F	racture, Trea	atment	, Cement Sc	juecze, c	lc.							<u></u>						
	Depth Inter	<u>v</u> al								Amount a	ınd Ty	pe of N	Material					
6701'-11,0	041'		PI	ease se	ee Comp	eltion Sundry	/ su	bmitted 9	9/11/14									
28. Product	ion - Interva	al A	WILL B	E PRO	VIDED	ON FIRST	ΡI	RODUCT	ION S	UNDRY							11.4 17.00	
Date First	Test Date	Hours			Dil		Wat		Oil Grav		Ga		Prod	uction M	lethod			
roduced		Tested	l Produ		BL.	MCF	BBL		Corr. Al	1	Gra	avity	š i:					
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr Rate	В	Dil BBL	1	Wat BBI		Gas/Oil Ratio		We	ell Status						
10. P. F.						L	<u> </u>		l		l							
8a. Produc Date First	tion - Interv Test Date	Hours	Test)il	Gas	Wat	er	Oil Grav	/ity	Ga	s	Prod	uction M	lethod			
roduced		Fested		ction B	BBL	1	BBI		Corr. Al			avity						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate		oil BBL		Wat BBI		Gas/Oil Ratio		Wo	ell Stat	us					
	SI	1					ľ											

^{*(}See instructions and spaces for additional data on page 2)

28h Prod	uction - Inte	rival C		. 										
Date First		Hours	Test	Oil	Gas	Water	Oil Gravity ·	Gas	Production Method	· · · · · · · · · · · · · · · · · · ·				
Produced		Tested	Production	BBL	MCF	BBL	Corr. API	Gravity						
			-											
Choke Size	Tbg. Press. Flwg.	bg. Press. Csg. 24 Hr. Oil Gas Water Gas/Oil lwg. Press. Rate BBL MCF BBL Ratio												
SIZC	SI	Press.	KAIC	SEC	Wici	131312	Katio							
	<u> </u>	<u></u>		1 .										
	c. Production - Interval D te First Test Date Hours Test Oil Gas Water Oil Gravity								Production Method					
Produced	1 401 17 110	Tested	Production	BBL	MCF	BBL	Corr. API	Gas Gravity	1					
Choke	Tbg. Press.		24 Hr.	Oil	Gas	Water	Gas/Oil	Well Status						
Size	Flwg. Si	Press.	Rate	BBL	MCF	BBL	Ratio							
29. Dispo	sition of Ga	s (Solid, us	ed for fuel, ve	nted, etc.)										
Flared														
30. Sumr	nary of Porc	ous Zones	(Include Aqui	fers):				31. Format	ion (Log) Markers					
Show	all importan	t zones of i	orosity and c	ontents the	reof: Cored	intervals and a	II drill-stem tests,		o 1549, Kirtland Shale 1730,					
includi	ing depth int					ing and shut-in			Cliffs 2129, Lewis Shale 224 nefee 3689, Point Lookout 4					
recove	ries.								Silt 5151, Gallup 5408					
			T							Тор				
For	mation	Тор	Bettom		Des	criptions, Cont	ents, etc.		Name	Meas, Depth				
		-	+											
San Jose Nacimiento	Fn.	0 surface	surface 1549'	Water, Water,				San Jose Nacimiento F	Fn.	0 surface				
Ojo Alamo Kirtland Sh	ale	1549' 1730'	1730' 1879'	Water, Water,				Ojo Alamo Kirtland Shai	le	1549' 1730'				
			-100		_									
Fruitland C Pictured Cl							Fruitland Co Pictured Clif		1879' 2129'					
Lewis Shat	wis Shale 2243' 2931' Oil. Gas													
	Shale 2243' 2931' Oil, Gas se Sandstone 2931' 3689' Oil, Gas						Lewis Shale Cliffhouse Si	andstone	2243' 2931'					
Menefee		3689'	4389'	Oil, Gas				Menefee		3689'				
Point Look	out	4389'	4567'	Oil, Gas				Point Lookou	ut	4389'				
Mancos Sh	ale	4567'	5151'	Oil, Gas	i			Mancos Shal	e e	4567'				
Mancos Sil	t	5151'	5408'	Oil, Gas				Mancos Silt	•	5151'				
Gallup		5408'	1	Oil, Gas	i			Gallup		5408'				
Base Gallu	р	5710'		Oil, Gas				Base Gallup		5710'				
32. Addit	ional remarl	ks (include	plugging pro	cedure):					-					
Set 19 e	xternal sw	ellable ca	asing packe	rs for isol	ation of pro	duction strin	g at the following	depths: (1) 10	,871' (2) 10,638' (3) 10,400'	(4) 10,163' (5) 9925'				
(6) 9692	" (7) 9460'	(8) 9225	. (8) 8880. (10) 8758	(11) 8524	(12) 8289' (1	13) 8051' (14) 781	15' (15) 7582'	(16) 7347' (17) 7115' (18)	6881' (19) 6649'				
33. Indica	ate which ite	ems have b	een attached b	y placing	check in the	e appropriate b	oxes:			······································				
	4 de 1/8 4 e d		at full not much		_	1 CIi- n	Disern		[7] Dinasional Commun.					
			(1 full set req			Geologie Repo		•	✓ Directional Survey					
Sur	dry Notice for	or plugging	and cement ve	ermeation	L	Core Analysis	Other:							
34. 1 here	by certify th	at the fore	going and atta	iched infor	mation is co	mplete and corr	rect as determined fro	om all available	records (see attached instructions)*				
Ν	lame <i>(pleasa</i>	יווליון <u>C</u> r	isti Bauer				Title Operatio	ns Technician						
S	ignature	1'R1	Sti 1	SAIN	FR		Date	9/171	14					
					V-V-			-//						
Title 18 U	J.S.C. Sectio	n 1001 and	Title 43 U.S	.C. Section	1212, make	it a crime for a	my person knowingly	y and willfully to	make to any department or agen	cy of the United States any				
						natter within its								

(Continued on page 3) (Form 3160-4, page 2)

Form 3160-4 (March 2012)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT



FORM APPROVED OMB NO. 1004-0137 Expires: October 31, 2014

	W	ELL (OMPL	ETION	OR R	ECOMPLE	TIC	ON REP	ORT	AND L	<u>og</u>	٠. الو	الد لد		case Se NM 11			
la. Type of	Well Completion	Z 0	il Well ew Well		Well rk Over	Dry Deepen D		ther lug Back	Diff.	. Resvi	SEF	1	1 201	6. II N/A		Allottee or	Tribe N	ame
	•		ther:			•					,		: · 1 r	7. U N/A		A Agreeme	nt Name	and No.
2. Name of Operator													8. Ĺ	ease Na	me and Wel 28-2306 0			
	3. Address 370 17th Street, Suite 1700 3a. Phone No. (include area code)													9. A	PI Wel	No.		
															178 — 80 d Pool or Ex		urs/	
4. Location	or wen pa	cport to	carron cocc.		·· ucco, iii		u, ,	equiremen.	,					Lyb	rook G	allup	-	
At surface 354' FSL and 1265' FWL, Section 28, T23N, R6W													11.	Sec., T. Survey	, R., M., on l or Area Sect		nd 23N, R6W	
At top prod. interval reported below 363' FNL and 386' FWL, Section 33, T23N, R6W													12.	12. County or Parish 13. State				
At total depth 338' FSL and 400 FWL, Section 33, T23N, R6W													San	Sandoval NM				
14. Date Sp	udded		15.	Date T.D.	Reached					pleted 0						ons (DF, RK	B, RT,	GL)*
06/05/201 18. Total D		11,1		19/2014		g Back T.D.;	MI	L]D&A			o Prod	ridge Plug		0' GL MD :	5200'		
	TV	D 5599	9'		1			D n/a							TVD !	5200'		
21. Type E		ner Mech	anical Log	s Run (Si	ubmit cop	y of each)				ľ		√as wel √as DS	I cored? T run?			Yes (Subm Yes (Subm		
Gamma F	·	N	(D			1.							nal Survey			Yes (Subm		
23. Casing Hole Size	Size/Gr		<i>Kepori <u>au</u></i> Wt. (#/f1.)		(MD)	Bottom (ME		Stage Cementer Depth		o. of Sks. & S		Slurry (BE		Cen	ent Top*		Amount Pulled	
12.25"	9.625 " /J	155 3	36#	Surfac	е	528'		N/A		330sks	туре	e III	69		Surface (CIR)		N/A	
8.75"	7"/J55	2	26#	Surfac	e	5021'	_	2365'		615sks	Halo	em	214		Surfa	ice (CIR) N/A		
	7"/L80		26#	5021		6290'		*		225 sk	s Hal	cem	78		Surfa	ce (CIR)	(CIR) N/A	
6.125"	4.5"/SB	80 /	1.6#	6069'		11,107'	_	N/A		N/A			N/A		N/A		N/A	
	-			ļ		-	_			<u> </u>					<u> </u>			
24. Tubina	Record	WILL	BE PRO	VIDEL	ON T	UBING SU	ND)	ξ <u>Υ</u>		L								
Size		Set (MI) Pack	er Depth ((MD)	Size	_	Depth Set	(MD)	Packer I	Depth (MD)	Siz	c	Dep	th Set (MD)	F	acker Depth (MD)
25. Produc				Т		D			foration				o.	1 57 1	1.1.	r	b. c	8
A) Gallup	Formatio	<u>n</u>	6	Top 649.41		Bottom 11,107.00				terval Size			Size	684	loles	Open	Pen.	Status
B)							\dashv	<u> </u>				0.17					OLID !	SEP 15'14
C)						·-····································	\neg									1 -1		
D)																01	L CO	NS. DIV.
27. Acid, F	racture, Tre Depth Inter		Cement Sc	uceze, et	ic,					Amount a	nd Tu	na of l	Astorial				n	ST. 3
6701'-11.		Vai	PI	ease se	e Comp	oletion Sundn	y su	ıbmitted 9		viilount a	ша ту	pe or r	riateriai					<u>, , , , , , , , , , , , , , , , , , , </u>
					··						•							
28. Product	ion - Interv	al A	VIII. B	E PRO	VIDED	ON FIRST	Þ	RODUCT	TON S	UNDRY	7							
Date First		Hours	Test	Ю	il	Gas	Wa	ter	Oil Grav			s ·	Prod	uction M	Icthod			
Produced		Tested	Produ	ction B	BL	MCF	ВВ	L	Corr. Al	Pi								
Choke	l'bg. Press.		24 Hr.			Gas	Wa		Gas/Oil		We	II Stat	us					
Size	Flwg. SI	Press.	Rate	▶ B	BL	MCF	BB	L	Ratio									
28a. Produc	tion - Interv	val B		1		L	ـــــــــــــــــــــــــــــــــــــ		<u> </u>									
Date First Produced	Test Date	Hours Tested	Test Produ	ction B	il BL	Gas MCF	Wa BB		Oil Grav Corr. Al	,	Gas Gra	s avity	Prod	uction M	lethod			
Chala	rt - P	h	 -		1:31	Con	117-		Con/Oil		lu.	JI C+						25(000
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate		ni BL	Gas MCF	Wa BB		Gas/Oil Ratio		We	ell Stat	us			ACCEPT	ED F	OR RECORD
	SI															CE	D 1	1 2014

FARMINGTON FIELD OFFICE BY: William Tambekon

^{*(}See instructions and spaces for additional data on page 2)

	 															
	uction - Inte Test Date	Hours	Test	Oil	Gas	Gas Production Method										
Produced	l est Date	Tested		BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gravity								
	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status								
	SI .		→													
	ction - Inte		1 —	la u	1		1									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water Oil Gravity Gas Production Method BBL Corr. API Gravity										
Choke	Tbg. Press.	Cen	24 Hr.	Oil	Gas	Water	Gas/Oil	Well Status		 						
Size		Press.	Rate	BBL	MCF	BBL	Ratio	Well Status	wen status							
29. Disposition of Gas (Solid, used for fuel, vented, etc.)																
Flared																
30. Summ	nary of Poro	us Zones (Include Aquit	fers):				31. Formatio	on (Log) Markers							
	ng depth int				eof: Cored int l open, flowing		drill-stem tests, pressures and									
Form		Top	Rottom	1	Dosesi	ntions Conta	· · · · · · · · · · · · · · · · · · ·		Nama	Тор						
	nation	Тор	Bottom		Descri	ptions, Conter	nis, eic.		Name	Meas. Depth						
San Jose Nacimiento	Fn.	0 surface	surfaco 1549'	Water, G Water, G				San Jose Nacimiento Fr		0 surface						
Ojo Alamo Kirtland Sha	ale	1549' 1730'	1730 1879	Water, C				Ojo Alamo Kirtland Shale		1549' 1730'						
Fruitland Co Pictured Clif		1879' 2129'	2129' 2243'	Water, G Oil, Gas			•	Fruitland Coal Pictured Cliffs		1879' 2129'						
Lewis Shale Cliffhouse S		2243' 2931'	2931' 3689'	Oil, Gas Oil, Gas		·		Lewis Shale Cliffhouse San	ewis Shale 2243' liffhouse Sandstone 2931'							
Menefee Point Looko	ut	3689' 4389'	4389° 4567°	Oil, Gas Oil, Gas				Menefee Point Lookout								
Mancos Sha Mancos Silt		4567' 5151'	5151' 5408'	Oil, Gas Oil, Gas				Mancos Shale Mancos Sill								
Gallup Base Gallup		5408' 5710'		Oil, Gas Oil, Gas		· · · · · · · · · · · · · · · · · · ·		Gallup Baso Gallup								
		•	plugging proc	•												
Set 19 ex (6) 9692'	(7) 9460'	ellable ca: (8) 9225'	sing packer: (9) 8990' (1	s for isola 0) 8758' (tion of produ (11) 8524' (1)	iction string 2) 8289' (13	at the following () 8051' (14) 781	depths: (1) 10,8 5' (15) 7582' (371' (2) 10,638' (3) 10,400' (4 (16) 7347' (17) 7115' (18) 68) 10,163' (5) 9925' 381' (19) 6649'						
	 															
33. Indicat	te which iter	ms have be	en attached by	y placing a	check in the ap	opropriate box	ies:									
Elec	trical/Mecha	nical Logs (I full set req'd	i .)	□G	eologic Report	DST R	eport	☑ Directional Survey							
☐ Sundry Notice for plugging and cement verification ☐ Core Analysis ☐ Other: Gamma Ray																
34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*																
	Name (please print) Cristi Bauer Title Operations Technologist Signature RUF BAUFL Date 9/10/14															
Title 10 12	C Continu	1001 and	Title //2 115 /	Caction	1212 make is a	crime for any	v percon knowingly	and willfully to	nake to any department or agency	of the United States and						

false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

(Form 3160-4, page 2)