Form 3160-4 (?Garch 2012)

## AMENDED UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT



## **AMENDED**

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

														5. Lease Serial No. NM 28748					
la Type of V		Zloit	Vell	Gas '	Well	Dry 🔲	Othe	<u> </u>							Allottee or	Tribe Nai	ne		
b. Type of C	o. Type of Completion: New Well Work Over Deepen Plug Back Diff. Resvr., Other: Sidetrack													nit or Ce	\ Agreemer	t Name a	and No		
3 11	Name of Operator occana Oil & Gas (USA) Inc.														N/A . " 8:-Lease Name and Well No.				
Encana Oil	& Gas (U									0	<u> </u>	Δ0	Lybr	ook H2	6-2307 02				
3. Address	370 17th Street Denvor, CO 8		00					3a. Phone f 720-876-5	lo. <i>(incl</i> 5867	ude årb	a.Fode	170 g	018. ^	Pl Well 143-211	No.  33 <b>— O</b> (	2S1			
4. Location of	Location of Well (Report location clearly and in accordance with Federal requirements)*													10. Field and Pool or Exploratory					
At surface	Atsurface 2227' FNI and 357' FFI Section 26 T23N R7W														Basin Mancos  11. Sec., T., R., M., on Block and				
	2221 110	ic and o	// I L.L.	. Occilor	120, 12	514, 147 74						1- bbbs 2	ي وده و	urvey o	r Area	on 26, T2;			
At top pro-	At total depth 1557' FNL and 349' FWL, Section 26, T23N, R7W														or Parish	13.	State		
A # total de	Date Spudded 15. Date T.D. Reached 16. Date Completed 08/28/2014														Sandoval County NM				
4. Date Spudded 15. Date T.D. Reached 16. Date Completed 08/28/2014															ns (DF, RK	B, RT, G	iL)*		
07/03/2014 18. Total De		9830'	10//1		19. Plug	Back T.D.: N	ИD	LJ0&A	V.			ridge Plu		3' GL MD 4	381'				
21. Type El		5414'	on Lone	Dan 181	hmit com		'VD		<u> </u>	L		l cored?		TVD 4	381' Yes (Subm	it analysis	`		
Gamma R		21 MCCHAIL	cai Loga	icui (su	опи сору	or cachy				W	as DS	T run?	M 🔀	。	Yes (Subm	it report)	<b>,</b>		
23. Casing	and Liner Re	ecord (Re	port all	strings so	ıı in well)							nal Surve		<u> </u>	Yes (Subm	і сору)			
Hole Size	Size/Grad	de Wt	(#/ft.)	Тор (	(MD)	Bottom (MD)		Stage Cementer Depth		of Sks. of Cer			y Vol. BL)	Сепъ	ent Top*	۸	mount Pulled		
12.25"	9.625"/J5	55 36#	<i>i</i>	Surface	9	507'	N	I/A	227 s	ks Typ	e III	56		Surface (CIR)		N/A			
8.5"	7"/J55	26#	!	Surface	3	5672'	_ 2	126' TVD/MD		ks Pre				Surface (CIR)		N/A			
6.125"	4.5"/SB80 1		6#	4018'		9829'	+,	I/A	204 sks Prem Lt 50 sks Prem Lt		77 19		Surface (CIR) 4018		N/A N/A				
"	"	17.				"		I/A	410 sks Type III		101			11		<del></del>			
24. Tubing		vill b		ovided or Depth (f		ubing Sun		/ Depth Set (MD)	Packer	Depth (	MD) I	Si	7C	Dent	h Set (MD)	Pa	oker Depth (MD)		
	- Departs	V. (1.10/			,							<del>-</del>							
25. Produci	ng Intervals Formation			Top		Bottom	26	. Perforation Perforated In				Size	No I	ioles		Perf. S	Statue		
A) Gallup	1 Of matter.		60	6071'		6230'	5835' - 977				.44	.,,,,,	612	40103	Open	1011.0			
B)						_													
C)											ļ		-				· · · · · · · · · · · · · · · · · · ·		
D) 27. Acid, Fo	acture Trea	iment Ce	ment Sa	meeze etc	<u>.                                     </u>	<del>-</del>	Щ.								<u> </u>				
	Depth Interv								Amount	and Ty	pc of l	Material			RC!	D SE	אויווי		
5835' - 97	71'		Se	ee comp	letion s	undry submitte	ed 8	/29/14								CON	s. div.		
		·	+													DIST			
																-182-22	•		
28. Product			Test	be pro			t P Water	roduction Oil Gra			e	Pro	duction N	1ethod			······································		
Produced			Produ			Gas W MCF BI		Corr. A			avity		Preduction Method				÷		
Choke Size	Tbg. Picss.	Csg. Press.	24 Hr. Rate		il BL		Water BBL			Well Sta		lus							
Size	SI	1033.		> [															
28a. Produc	tion - Interv	/al B	J'																
Date First Produced	Fest Date	Hours Tested	Test Produ		il BL		Water BBL	r Oil Gra Coπ. A		Ga Gr	avity	Pro	duction N	1cthod					
Choke	Tbg. Press.	Csg.	24 Hr		il	Gas N	Water	r Gas/Oil		W	ell Sta	tus					<del></del>		
Size		Press.	Rate		BL		BBL	Ratio					A	CCEPT	red for	RECC	ORD		
*(See inst	uctions and	spaces fo	r additio	nal data c	on page 2	)								SE	P 0 9	2014			

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FARMINGTON FIELD OFFICE BY: William Jambekon

. Produ	iction - Inte	rval C								
e First		Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method	
duced		Tested	Production	BBL.	MCF	BBL	Corr, API	Gravity		
	Tbg. Press.		24 Hr.	Oil	Gas	Water	Gas/Oil	Well Status		
	Flwg. Si	Press.	Rate	BBL	MCF	BBL	Ratio			
Produ	iction - Inte	rval D		<u> </u>				I		
	Test Date	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method	
duced	· .	Tested	Production	BBI.	MCF	BBL	Сон. АРІ	Gravity		
ke	Ibg. Press.		24 Hr.	Oil	Gas	Water	Gas/Oil	Well Status		
:	Flwg. SI	Press.	Rate	BBL	MCF	BBI.	Ratio			
•	sition of Ga	s (Solid, us	ed for fuel, ve	nted, etc.,	)					
ed Cume	any of Pore	vo Zonne	(Include Aqui	forc):				121 Cormoti	ion (Log) Markers	
Show a	all important ng depth int	t zones of p	orosity and c	ontents th		intervals and al	Il drill-stem tests, pressures and			
E	mation	Ton	Bottom		Don	orintions Cont.	ante ata		Norma	Тор
ron	nation	Top Botto			Des	criptions, Cont	enis, etc.		Name	Meas, Depth
ı Jose cimienle	Fn.	Surface 47'						1		
Alamo Sha		1,421' 1,604'								
lland Co ured Cli		1,844' 2,037'								
vis Shali fhouse (		2,164 <sup>-</sup> 2,894 <sup>-</sup>								
nefee Fr int Looks		3,572' 4,399'								
ncos Sh incos Sil		4,611' 5125'	!						•	
illup Fin. se Gallu		5,395 <sup>-</sup> 5,696 <sup>-</sup>								
. Addi	tional remai	ks (include	plugging pro	ocedure):			-			
Indic	ate which it	ems bave t	een attached	by placing	g a check in th	ne appropriate b	ooxes:			
☐ Ele	ctrical/Mec	nanical Log	s (I full set req	'd.)	Г	Geologic Rep	ort DST	Report	☑ Directional Survey	
☐ Su	ndry Notice	for plugging	g and cement v	erification		Core Analysis	Other	r. Gamma Ray	LAS and TIFF	
. I here	eby certify t	hat the for	egoing and att	ached inf	ormation is co	omplete and cor	rect as determined f	rom all available	records (see attached instructions)	*
	Name <i>(pleas</i> Signature	sc prini) C	risti Bauer	BAI	e Fil		Title Operati	ons Technician 9/6/1	14	<u> </u>
:	signature		<u> </u>	س	~~~		17016	/l		<del></del>
tle 18 l	J.S.C. Secti	on 1001 ar	nd Title 43 U.S	S.C. Secti presentati	on 1212, make	e it a crime for matter within it	any person knowing	ly and willfully t	o make to any department or agen-	cy of the United States a

(Form 3160-4, page 2)

(Continued on page 3)

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



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

	\A/	ELL CO	AADI I	ETION	00 p	ECOMP	I ETI	ON DE	DORT	A 6 2 2 1 6	يكيكراني .	- My bear	- 1 A	F)	ancé Ca	int No		
	441		- 1415, P"	LION	UR K	ECONIP	-C	ON KE	PURI	MIND F				AIRA	20740			
a. Type of	Well	<b>√</b> Oil	Well	Gor V	Well	Dev	П	ither			AUC	3-9	9 201	h z v	Indi-	Allottee or	Teil- '	Jame
	Completion:		v Well	H Work	Over	Dry Deeper	, 🗀 ,	lug Back	☐ Diff	f. Resvr.,	,		~ EU!	83   6. 11   N/A	moian,	Allottee or	1 FIDE N	ате
		Otho	er:					_		1-6.		٠.	-	7. U	nit or C.	A Agreeme		
2. Name of	Operator								13.	12, 7,	0:15	·	i.10 (	8. L	ease Nai	ne and Wel	l No.	
	370 17th Stre					<del> </del>		12.						-7-7-	ook Ha	26-2307 0	2H	
, Address	370 17th Street Denver, CO	et, Suite 17 80202						3	a. Phone 1 720-876-	40. (incl 5867	ude ared	a code	7		PI Well 143-21	No. 133 <b>~ Ø</b> (	اک	
4. Location	of Well (Re	port local	ion clea	rly and in	accorda	ince with Fe	ederal i	requireme	nts)*					10.	Field and	Pool or E		ory
At surfac	e 2227' Fi	dl and 3	57' EEI	Section	26 T2	281 0718/									in Man	COS R., M., on I	Block a	nd
	2227 11	TE allo 5	37 1 20	L OCCION	20, 12	2314, 17744								5	urvey o	r Area		123N, R7W
At top pro	od, interval r	eported be	low 15	82' FNL	and 88	6' FEL. Se	ection	26, T23	N, R7W					12 (	County	or Parish		3. State
	45571	·												1	doval (			IM
At total d	- par	FINE AIR		Date T.D. 1		5, T23N, R		116 1	Date Comp	platad 0	0/20/20	04.4						
07/03/201	4			10/2014					Date Com	<b>√</b> R	leady to	Prod.		723	elevation 3' GL	ns (DF, RK	.D, K1,	GL)*
18. Total D		9830' 5414'		7	19. Plug	g Back T.D.	∴ MI TV				20. Dep	pth Br	idge Plug		MD 4			
21. Type E	lectric & Oth		ical Logs	s Run (Sut	omit copy	y of each)		<i>U</i>			22. Wa	as wel	cored?		rvd 4 ∘ □	381' Yes (Subm	it analys	is)
Gamma F	ay		_		, ,							as DS	Frun? na) Survey?	Z N	· 🗆	Yes (Subm Yes (Subm	it report	)
23. Casing	and Liner R	ecord (Re	port all	strings sei	in well)	,									~ PXT	res (Subili	с сору)	
Hole Size	Size/Gra	ide Wi	i. (#/ft.)	Top (i	MD)	D) Bottom (MD)					o. of Sks. & e of Cement		Slurry Vol. (BBL)		Cement Top*		Amount Pulled	
12.25"	9.625"/J	55 36	#	Surface		520' 507' N		N/A			227 sks Type III		56		Surface (CIR)		N/A	
8.75"	7"/J55	26	#	Surface	face 5672			2126' T	VD/MD	276 sks Pre		n Lt	<del></del>		Surface (CIR)		N/A	
<b>.</b>	"			"		"					s Pren	<del></del>	77		Surface (CIR)		N/A	
6.125"	4.5"/SB8	30   11.	.6#	4018'	-	9829'		N/A		50 sks Prem			19		4018		N/A	
	ļ"	- "-		<del></del>		"		N/A		410 sk	s Type	• III	101					
24. Tubing	Record V	Vill b	e pro	vided	on T	ubing	Sund	ry	-	l								
Size		et (MD)		er Depth (N		Size			et (MD)	Packer !	Depth (M	AD)	Size		Depti	Set (MD)	P	acker Depth (MI
25 Produc	ng Intervals							26. Pe	erforation l	Pecord				l				
	Formation			Тор		Botton	<u> </u>		rforated In			5	Size	No. I	loles		Perf.	Status
A) Gallup			60	071'	- {	6230'		5835' -	9771'			.44		612		Open		-
B)		••	$\perp$															
C) D)											-			• • • • •				
	racture, Trea	tment Ce	ment Sa	weeze etc					•							-		e was the sind that it is
<del> </del>	Depth Interv									Amount a	and Type	e of M	laterial				CVE	rormana Portania
5835' - 97	71'		S€	e comple	etion si	undry sub	mitted	8/29/14								¥-	171 P	out nu
		<del></del>	-													<u> </u>		
<u></u>																	1 5	IST. S
28. Product	ion - Interva	IA W	111 1	be pro	video	on Fi	rst	Produ	ction	Repor	ct							
Date First		Hours	Test	Oil		Gas MCE	Wa		Oil Grav		Gas		Produ	ction M	ethod		-	
Produced		Tested	Produc	. 1	L	MCF	BB	L	Corr. Al	-1	Grav	vity						
Choke	Tbg. Press.	C'se	24 Hr.			Gas	Wa	ıter	Gas/Oil		W-11	l Stati	<u> </u>					
Size		Press.	Rate	вв.		MCF	ВВ		Ratio		, vicin	Juli	13					
	SI			<b>▶</b> │														
28a. Produc	tion - Interv	al B				L	<del></del>											
Date First	Test Date	Hours	Test	Oil		Gas	Wa		Oil Grav	-	Gas		Produ	ction M	ethod			
Produced		Tested	Produc	ction BB	L	MCF	BB	L	Corr. Al	71	Grav	vity						
Tho ko	The Pros-	Cen	04 145	00		Gas	11/-	ıtar	Gar/Oil		01/611	l Stati						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BB		Gas MCF	Wa BB		Gas/Oil Ratio		well	ı ətatt	12					
	รเ												CCEDT			~^DD		
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NMOCD

\*(See instructions and spaces for additional data on page 2)

SEP 0 2 2014

FARMINGTON FIELD OFFICE BY: William Tambe Kon

28b Prod	uction - Inte	rval C							•	
		Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method	
Produced		Tested	Production	BBL	MCF	BBL	Соп. АРІ	Gravity	·	
Choke	Tbg. Press.	rso	24 Hr.	Oil	Gas	Water	Gas/Oil	Well Status		
Size		Press.	Rate	BBL	MCF	BBL	Ratio	Wen Status		
28c Produ	uction - Inte	rval D		l						-
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. Plwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status		
29 Dispo	sition of Gas	(Solid us	ed for fuel, ve	nted etc)	ļ					
•	sitton or oa.	, IDIMIA, III	ea jor jace, ee							
Flared	nany of Poro	us Zones	Include Aqui	fere):			<del></del>	31 Formati	on (Log) Markers	
JV. Sumi	nary or roto	us Zones (	incidue Aqui	icisj.				31. Formati	on (Log) Markers	
	ing depth int					intervals and al ng and shut-in	ll drill-stem tests, pressures and			
										Тор
For	mation	Тор	Bottom		Desc	criptions, Conte	ents, etc.		Name	Meas. Depth
Gallup		6071	6230	Oil, Ga			<del></del>			
				0.,00	_					
			•							
		1						·		
		1	·							
								· ·		
		1								
										<u> </u>
22 4 1 15			<u> </u>							
32. Addii	tional remari	ks (include	plugging pro	cedure):						
			,							
									Ţ	
22 145		kana h	on steehed b	nlasina	a chack in the	appropriate be	nvae'			
						_	_		<b></b>	
Ele	ctrical/Mech	anical Logs	(1 full set req'	d.)		Geologic Repo	ort DST	Report	✓ Directional Survey	
Sur	klry Notice f	or plugging	and cement ve	rification		Core Analysis	☑ Other	Gamma Ray	LAS and TIFF	
34. 1 here	by certify th	at the fore	going and atta	iched info	mation is cor	nplete and corr	rect as determined fr	om all available r	ecords (see attached instructions)*	
N	lame (please	print) Cr	isti Bauer		,	- <del>1</del>	Title Operation	ons Technician		<del></del>
S	ignature	U g	268/	J6/	HE5	_	Date	128/	14	
			•					'		-64-11-1-4-2
Title 18 U false, ficti	J.S.C. Section tions or frau	n 1001 and idulent stat	f Title 43 U.S ements or rep	.C. Section resentation	n 1212, make is as to any m	it a crime for a patter within its	iny person knowing jurisdiction.	ly and willfully to	make to any department or agency	or the United States any

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