UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

RECEIVED

NOV 28 2012

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

		VVELL	OWPLETIO	N OR RE	COMPLE	HON REPO			and Managem	5. Lease Serial No e nt	sF-078	120		
- CIV II		03.117.11	Tyl C. W			Llou								
la. Type of Well	 	Oil Well	X Gas We		Dry	Other			On Field Office	6. If Indian, Allott	ee or Tribe Name			
b. Type of Completio	n: X	New Well	☐ Work C	ver L	Deepen	Plug Ba	аск і	Diff. Res		7. Unit or CA Ag	reement Name	and No		
		Other:									24 C4 - 1			
2. Name of Operator										8. Lease Name an		7 (4)		
-,		Burli	ngton Resou	rces Oil &	Gas Comp	any				Hartman 23 1P				
3. Address						o. (include area	code)		!	9. API Well No.				
P	O Box 4289, Farmi	ngton, NM	87499			(:	505) 326-9	700				5323-60E1		
4. Location of Well (Report location clearly and in accordance with Federal requirements)*										10. Field and Pool		_		
At surface			UNIT	L (NE/SW)	1930' FSL &	20011 12/1/1				11. Sec., T., R., I	Basin Da			
At surface			UNII	K (NE/S11),	1930 131 62	2091 1911						: 23, T30N, R11W		
												: 23, T30N, R11W		
At top prod. Interva	l reported below			ŧ	JNIT K (NW/	/SW), 1695' FS	L & 1910' F	WL	Ī	12. County or Pa	rish	13. State		
											_			
At total depth		Is Dec	e T.D. Reached	TK (NW/SV	16. Date (& 1910' FWL				17. Elevations (D	n Juan	New Mexico		
14. Date Spudded	/24/2012	IIS. Dai	9/9/2012	!	Io. Date (D&A	X Ready	to Prod	. 11/09/2012 GRS	17. Elevations (L	5964 GL / 5			
18. Total Depth:	MD	6950		Plug Back T.E) -	MD	6946'		Depth Bridge Plug Set:		MD			
10, 10th Deptil.	TVD	691		5 1.1.		TVD	6913'	120.	p D. logo i lug Det.		· TVD			
21. Type Electric & C	ther Mechanical Logs Ru							22.	Was well cored?		X No	Yes (Submit analysis)		
·-			GR/CCL/CBL						Was DST run?	•	X No	Yes (Submit report)		
								1	Directional Survey?			Yes (Submit copy)		
23. Casing and Liner F	ecord (Report all strings	set in well)									<u> </u>			
Hole Size	Size/Grade	Wt. (#/ft.) Top (M	D) [Bottom (MD)	Stage C	Cementer		No. of Sks. &	Slurry Vol.	Cement top	* Amount Pulled		
		<u> </u>					epth		Type of Cement	(BBL)				
12 1/4"	9 5/8" / H-40	32.3#	0		229'		1/a		77sx-Pre-mix	22bbls	Surface	7bbls		
8 3/4" 6 1/4"	7" / J-55 4 1/2" / L-80	23#	0		4341' 6948'		n/a n/a		02sx-Premuim Lite 05sx-Premuim Lite	218bbls 74bbls	Surface 3640'	49bbls n/a		
0 1/4	4112 / 12-60	11.0#		-	0,40		1/2		oss-riemann ene	PCU		5-(4-)		
										100				
											CONS. D	IΨ.		
24. Tubing Record											<u> </u>			
Size 2 3/8", 4.7#, L-80	Depth Set (MD) 6856'	Pac	ker Depth (MD) n/a	Si	ze	Depth Set (MD	" 	Pac	ker Depth (MD)	Size	Depth Set (M	ID) Packer Depth (MD)		
25. Producing Intervals					26.	Perforation Re	ecord				ــــــــــــــــــــــــــــــــــــــ			
	Formation		Тор	Bot			Perforate	d Interv	al	Size	No. Holes	Perf. Status		
A) B)	Daktoa		6814'	69:	30'		1S	PF		.34"	40	open		
B)														
C) D)														
	eatment, Cement Squeeze	etc.												
	Depth Interval							Amount	t and Type of Material					
	6814' - 6930'		Acidize w/ 10	bbis of 15%	HCL. Frac'd	w/ 40,728gal 7	0% Slickwat	er N2 F	oam w/ 40,046# of 20/40	Brady sand.Total	I N2:1,951,400SC	CF.		
			1											
28. Production - Inter		100		r	1	1:::	122							
Date First	Test Date	Hours	Test	Oil BBL	Gas MCF	Water	Oil Gravity		Gas	Production	Method			
Produced		Tested	Production	BBL	MCF	BBL	Corr, API	ł	Gravity	!				
11/09/2012 GRS	11/12/2012	lhr.	CERTIFICATION OF THE PERSON OF	0/boph	14/mcf/h	trace/bwph	n/a		n/a	1	FLO	WING		
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas/Oil		Well Status					
Size	Flwg.	Press.	Rate	BBL	MCF	BBL	Ratio							
1/2"	SI-667psi	SI-669psi	(Alexandre)	0/bopd	333/mcf/d	4/ bwpd	n/a			51	IUT IN			
28a. Production - Inte		1 pr posta			, seemicad	1 " onpa	J	1	.,					
Date First	Test Date	Hours	Test	Oil	Gas	Water	Oil Gravity		Gas	Production	Method			
Produced		Tested	Production	BBL	MCF	BBL .	Corr. API		Gravity					
				1				ł						
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas/Oil		Well Status					
Size	Flwg.	Press.	Rate	BBL	MCF	BBL	Ratio	ļ						
	SI													
	l			L	Ц		L							
+40	spaces for additional data													

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DEC 0 7 2012
FARMINGTON FIELD OFFICE
BY TL Solver 9

	- Interval C	1								-
Date First Test Date		Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method	
Produced •		Tested	Production	BBL	MCF	BBL	Corr. API	Gravity		
,						1				
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas/Oil	Well Status	<u> </u>	·
Size	Flwg.	Press.	Rate	BBL	MCF	BBL	Ratio			
ISI										
28c. Production	- Interval D	<u> </u>						L		• •
Date First	Test Date	Ноигѕ	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method	
Produced		Tested	Production	BBL	MCF	BBL	Corr. API	Gravity		
										* -:*
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas/Oil	Well Status	<u> </u>	
Size	Flwg.	Press.	Rate	BBL	MCF	BBL	Ratio			
SI			(T) (T) (T)			· ·				
9. Disposition	of Gas (Solid, us	ed for fuel, v	rented, etc.)		<u> </u>		<u> </u>	<u> </u>	···	· · · · · · · · · · · · · · · · · · ·
-										
<u> </u>	CD 7 /1		E			TO BE	SOLD	T21 P	on (Log) Markers	
30. Summary of Porous Zones (Include Aquifers):								31. Formatio	on (Log) Markers	
Show all impo	ortant zones of p	orosity and c	ontents thereof:	Cored interv	als and all d	lrill-stem tes	t ,		·	
	th interval tested	, cushion use	d, time tool open	, flowing an	d shut-in pre	essures and				
recoveries.										,
								[Тор
Formation	n T	op	Bottom		Descrip	tions, Conter	nts, etc.		Name	Meas. Depth
Oio Ato	, o	52'	1122'	·		White		 	Oio Alama	952'
Ojo Alam Kirltand		22'	2003'			White, cr-gr ss			Ojo Alamo Kirltand	952' 1122'
Kiritand	'1	22	2003		Jiy sa mterbed	dded w/tight, g	gry, tine-gr ss.		. Kimaid	1122
Fruitland 2003'		1	2396'	Dk gry-gry		-	med gry, tight, fine gr ss.		Fruitland	2003'
Pictured Cli		96'	2588'			ry, fine grn, tig			Pictured Cliffs	2396'
Lewis 2588			3160'			w/ siltstone sti	-		Lewis	2588'
Huerfanito Bentonite 3160'		.00	3415'		White, v	waxy chalky be	entonite		Huerfanito Bentonite	3160'
Chacra 3415'		115'	3983'	Gry fr	ı grn silty, gla	uconitic sd sto	ne w/ drk gry shale		Chacra	3415'
Mesa Verde 398		9831	4198'	,		d-fine gr ss, ca			Mesa Verde	3983'
Menefee 4		198'	4724'		Med-dark gr	y, fine gr ss, ca	rb sh & coal		Menefee	4198'
							sh breaks in lower part o	f		
Point Look	ı	724'	5160'			formation		1	Point Lookout .	4724'
Mancos	51	160'	5982'	_		ark gry carb sh			Mancos	5160'
Gallup	59	982'	6701'	Lt. gry to br		icac gluac silts reg. interbed sl	& very fine gry gry ss w/		Gallup	5982'
Greenhor	I	701'	6755'			alc gry sh w/ th			Greenhorn	6701'
Graneros	s 67	155'	6814'			fossil & carb v		}	Graneros	6755'
Dakota	65	314'		Lt to dark gry foss carb sl calc sl sitty ss w/ p cly Y shale breaks				s .	Dakota	6814'
Morrison		214		Interbe		•	fine to coard grn ss		Morrison	0814
	remarks (include	plugging pro	cedure):		5.11, 5.77 55		to cours g os			
			This is	a Blanco N	lesaverde d	& Basin Dal	kota commingle well	under DHC3	715AZ.	
				٠						
				·						
								, -		
33. Indicate wh	nich items have b	een attached	by placing a chec	k in the app	propriate box	xes:				
_	nich items have b I/Mechanical Log		-	k in the app	_	res: logic Report	□DS	T Report	☐ Directional Survey	
X Electrical		gs (1 full set i	eq'd.)	k in the app	Geo!		Ds		☐ Directional Survey	
X Electrical Sundry N	l/Mechanical Log	gs (1 full set i	req'd.) t verification		Geol	logic Report		ner:		
X Electrical Sundry N 34. 1 hereby cer	l/Mechanical Log	gs (1 full set i	req'd.) t verification tached informatio		Geol	logic Report	Otl	ner:		
X Electrical Sundry N 34. 1 hereby cer	VMechanical Log	gs (1 full set i	req'd.) t verification tached informatio	n is complet	Geol	logic Report	Other of the control	ner:	ttached instructions)* Staff Regulatory Tech.	

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

Form	31	60-4
(Augu	ıst	2007)

		/E	
	1		

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

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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

NOV 28 2012 WELL COMPLETION OR RECOMPLETION REPORT AND LOG									5. Lease Serial No. SF-078138				
Ia. Type of Well	WILL SO CO.	Oil Well	X Gas We		Dry	Other				6. If Indian, Allotte			
b. Type of Completic	winding it is a second	DALICE	Work (Deepen	Plug E	_	Diff. F	Kesvr.,				-
Fall	of Land Man	anemen	Ic							7. Unit or CA Agr	- 8398		o.
2. Name of Operator	J OJ Lana Man	103.0							_ _	8. Lease Name and		4	······································
z tumo er operator	•	Burli	ngton Resou	rces Oil &	Gas Comp	any					Hartman	23 1	P
3. Address	O Box 4289, Farm					. (include area	a code) (505) 326-9	700		9. API Well No.			°6662
4. Location of Well (Report location clearly and in accordance with Federal requirements)* 10. Field and Pool or Exploratory											<u> </u>		
										Blanco Mesaverde			
At surface			UNIT	K (NE/SW),	1930' FSL & 2	2091' FWL				11. Sec., T., R., M	I., on Block and	Survey	,
											URFACE: SEC		
At top prod. Interv	of remarked balance			٠,	UNIT K (NW/	230 1605LTS	ET 6 10101 E	3/F	•	12. County or Par	OTTOM: SEC		130N, R11W
At top prod. merv	ar reported below			•	ONLI IC (IVV	3 11), 1023 F	3L & 1910 F	WL		12. County of Par	1211		13. State
At total depth			UN	IT K (NW/SV	W), 1695' FSL	& 1910' FWI	Ĺ		•	San	Juan		New Mexico
Date Spudded		15. Da	te T.D. Reached		16. Date C				•	17. Elevations (DI		,	
	8/24/2012		9/9/2012			D&A	X Ready	to Pr	od. 11/08/2012 GRS		5964' GL /	5979' F	KB
18. Total Depth:	MD TVD	695 691		Plug Back T.I	D.:	MD TVD	6946' 6913'	2	20. Depth Bridge Plug Set:		MD TVD		
21. Type Electric & C	Other Mechanical Logs Ru	n (Submit cop	y of each)					2	22. Was well cored?		X No		s (Submit analysis)
			GR/CCL/CBL					- }	Was DST run?		X No	=	s (Submit report)
				•		•			Directional Survey?		= :	=	s (Submit copy)
23. Casing and Liner I	Record (Report all strings	set in well)									<u> </u>		(**************************************
Hole Size	Size/Grade	Wt. (#/ft.) Top (M	(D) F	Bottom (MD)	Stage	Cementer		No. of Sks. &	Slurry Vol.	Cement to	*	Amount Pulled
							Pepth		Type of Cement	(BBL) -	ļ		
12 1/4" 8 3/4"	9 5/8" / H-40 7" / J-55	32.3#	0		229' 4341'		n/a		77sx-Pre-mix	22bbls	Surface		7bbls
6 1/4"	4 1/2" / L-80	11.6#	0		6948'		n/a		602sx-Premuim Lite 205sx-Premuim Lite	218bbls 74bbls	Surface 3640'	 -	49bbls n/a
	7 112 7 E-00	11.0//	_ _		0,40	_	Al/A		20332-1 Tell(UIII Eli(e	PAIR		199	
		j											4
]			-					OIL	CONS. C	/ 1 "v" a	
24. Tubing Record	Devel Co. (MD)		t Dt (MD)	1 6:		D 4 C 4 0 0	· ·	-	1 - D - 1 (14D)		<u> </u>	m\ T	5 . 5
Size 2 3/8", 4.7#, L-80	Depth Set (MD) 6856'	Pac	ker Depth (MD) n/a	Si	ze	Depth Set (MI))	- 1	acker Depth (MD)	Size	Depth Set (N	4D)	Packer Depth (MD)
25. Producing Interval					26.	Perforation R	ecord						
	Formation		Тор	Bot	tom		Perforate	d Inte	rval	Size	No. Holes		Perf. Status
A)	Point Lookout		4730'	51:			18			.34"	25		open
B) C) D)	Menefee Total		4402'	468	84'		18	PF		.34"	49		
D) .			 								49		
	eatment, Cement Squeeze	etc.								<u> </u>			
	Depth Interval								unt and Type of Material				
	4730' - 5150'		Acidize w/ 10	bbls of 15%	HCL. Frac'd v	v/ 36,876gal 7	70% Slickwate	er N2	Foam w/ 101,851# of 20/4	0 Brady sand.Total	N2: 1,305,000	SCF.	
	4402' - 4684'		Acidize w/ 10	Acidize w/ 10bbls of 15% HCL. Frac'd w/ 21,462gal 70% Slickwater w/ 48,355# of 20/40 Brady sand. Total N2: 997,000SCF.									
28. Production - Inter Date First	Test Date	Hours	Test	Oil	Gas	Water	Oil Gravity		Gas	Production M	latha d		
Produced	Test Bate		Production	BBL	MCF	BBL	Corr. API		Gravity	Production is	temod		
_	_					ł							_
11/08/2012 GRS	11/12/2012	thr.		0/boph	79/mcf/h	1/bwph	n/a		n/a		FLO	WING	;
Choke Size	Tbg. Press. Flwg.	1 ~ 1	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio		Well Status				
SIZC	l'iwg.	1 1055.		DDL	- Inc.	BBL -	Katio				_		
1/2"	SI-667psi	SI-669psi		0/bopd	1889/mcf/d	20/bwpd	n/a			SH	UT IN		
28a. Production - Inte		1.:		103	10	I	Tana .		T				
Date First Produced	Test Date	1 1	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API		Gas Gravity	Production M	lethod		
,	1	. 05104	Production			500	Son. Al 1		July	į.			
		<u> </u>				<u> </u>			l				
Choke	Tbg. Press.		24 Hr.	Oil	Gas	Water	Gas/Oil		Well Status				
Size	Flwg. SI	Press.	Rate	BBL	MCF	BBL	Ratio		1				
	15.	1			1		1						

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DEC 0 7 2012

Farmington field office BY <u>TL</u> Sa<u>wers</u>

28b. Production	- Intérval C'											
Date First	Test Date			Oil	Gas	Water	Oil Gravity	Gas	Production Method			
Produced	Produced		Production	BBL	MCF	BBL	Corr. API	Gravity				
· · · · ·	ł		<u>account</u>				,					
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas/Oil	Well Status				
Size	Flwg.	Press.	Rate	BBL	MCF	BBL	Ratio	İ				
	SI		BEET A									
28c. Production	Interval D	<u> </u>						<u> </u>				
Date First	Test Date	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method			
Produced		Tested	Production	BBL	MCF	BBL	Corr. API	Gravity				
					,							
Clark	The Dune	Cour	24 Hr.	10:1	Can	337-1	Gas/Oil	Well Status				
Choke Size	Tbg. Press. Flwg.	Csg. Press.	Rate	Oil BBL	Gas MCF	Water BBL	Ratio	wen status				
					rano	ļ	•					
								<u></u>				
29. Disposition	of Gas (Solid, used	l for fuel, v	ented, etc.)									
						TO BE	SOLD					
30. Summary of	Porous Zones (Inc	lude Aquit	ers):			TO DE	13010	31. Formati	on (Log) Markers			
	(1	,.						on (208) manus			
•	ortant zones of por	-					t, .					
٠,	th interval tested, o	ushion use	d, time tool open	, flowing an	id shut-in pre	ssures and						
recoveries.					•							
	•				•					•		
		ł			•			1		Тор		
Formation	ı Top	,	Bottom		Descript	ions, Conte	nts, etc.		Name	Meas. Depth		
							····		 			
Ojo Alam	l l		1122'			White, cr-gr ss			Ojo Alamo	952'		
Kirltand	d 1122' 2003' Gry sh interbedded w/tight, gry, fine-gr ss.					gry, fine-gr ss.		Kirltand .	1122'			
Fruitland	2003	3'	2396'	Dk gry-gry	carb sh, coal, a	grn silts, light-	med gry, tight, fine gr ss.		Fruitland	2003'		
Pictured Cli	iffs 2390	5'	2588'		Bn-Gr	y, fine grn, tig	ht ss.		Pictured Cliffs	2396'		
Lewis	258	8'	3160'		Shale	w/ siltstone sti	ingers		Lewis	2588'		
Huerfanito Ber	atonite 316	0'	3415'		White, v	vaxy chalky be	entonite		Huerfanito Bentonite	3160'		
CI.	241	.	20021	0.0					CI.	24151		
Chacra	341: de 398:		3983' 4198'	Gry fi			ne w/ drk gry shale	İ	Chacra	3415'		
Mesa Verd		.			Light gry, me	-			Mesa Verde	3983'		
Menefee	419	8.	4724'		Med-dark gry				Menefee	4198'		
Point Look	out 472	4'	5160'	Med-light gr	y, very fine gr	ss w/ frequent formation	sh breaks in lower part o	1	Point Lookout	4724'		
Mancos		1	5982'		D	ark gry carb sl	h.		Mancos	5160'		
	ļ			Lt. gry to b			& very fine gry gry ss w/					
Gallup	598:	1	6701'			eg. interbed sl			Gallup	· 5982'		
Greenhor		1	6755'			ilc gry sh w/ tl			Greenhorn	6701'		
Graneros	675	·	6814'		Dk gry shale, v foss carb sl c		w/ pyrite incl. w/ pyrite incl thin sh band	s	Graneros 6755'			
Dakota	681	4'		J		Y shale break			Dakota	6814'		
Morrison				Interb	ed grn, brn & r	ed waxy sh &	fine to coard grn ss		Morrison	<u> </u>		
32. Additional r	emarks (include pl	ugging pro	,	a Blanco M	Accavarda é	Racin Dal	kota commingle well	under DMC3	71547			
			1 1115 15	a Dianco N	riesaverue e	k Dasiii Dai	kota commingie wen	under Dries	/13AZ.			
				•								
												
33. Indicate wh	ich items have bee	n attached	by placing a chec	k in the app	propriate box	es:						
X Electrical	/Mechanical Logs	(1 full set r	eq'd.)		Geol	ogic Report	DS	T Report	Directional Su	rvey		
Sundry N	otice for plugging	and cement	verification		Core	Analysis	Oth	ner:				
34. I hereby cer	tify that the forego	ing and att	ached informatio	n is complet	e and correc	t as determi	ned from all available	records (see a	ttached instructions)*			
Name ((please print)		Arle	en Kellywo	od		Title		Staff Regulatory Tech.			
Cinnat	TD	(x)	sloon of	Sallan-	wood		Date	IIIa	r 112			
Signatu			VIII-	T	-0-4-2	·	Date		r (() -			
Title 18 U.S.C.	Section 1001 and	Title 43 U	S.C. Section 121	2, make it a	crime for an	v person kno	owingly and willfully t	o make to any	department or agency of the Un	ited States any		
	or fraudulent staten											

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