1 ... - 2 2012

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

		WELL	. COMPLE	TION OR	RECOMP	LETION RE	PORT AN	D LOG on Field O	5 Lease Serial No	SF-078	423			
la Type of Well	=	Oil Well	X Gas	=	Dry	Other		au or zane	6 If Indian, Allott	ee or Tribe Name				
b Type of Com	ipletion'	New Well Other	Wor	k Over	Deepen	Plug I	3ack	Diff Resvr.,	7. Unit or CA Ag	reement Name	and No.			
2 Name of Oper	ator	Other							8. Lease Name an	d Well No				
3 Address		Bu	rlington R	esources		S Company	anda)		9 API Well No	N JUAN 29-7	UNIT 141M			
PC	Box 4289, I					(5	05) 326-97	00	9 API Well No	30-039-3	0412 - 000			
4. Location of W	ell (Report locat	ton clearly and	l in accordanc	e with Federa	il requirement	s)*			10 Field and Poo	or Exploratory BASIN MA	NCOS			
At surface			υ	NIT G (SW/	NE), 1675' FN	L & 1930' FEL			11. Sec, T, R, N					
									Survey or A		Г29N, R7W			
At top prod I	nterval reported	below			S	SAME AS ABO	VE		12. County or Pa		13 State			
At total depth					SAME AS A	BOVE			Rio	Arriba	New Mexico			
14 Date Spudde	d /10/2011	15 Da	te T D Reache 1/15/20		16 Date	Completed D & A	X Ready	y to Prod 03/26/12 GRC	17 Elevations (D	F, RKB, RT, GL) 6240				
18 Total Depth	MD TVD	750	2' 19	Plug Back	ΓD	MD TVD	7498'	20 Depth Bridge Plug	g Set	MD TVD				
21 Type Electri		anıcal Logs Ru	n (Submit cop	y of each)		1,75		22 Was well cored?		X No	Yes (Submit analysis)			
			GR/CC	CL/CBL				Was DST run?		X No	Yes (Submit report)			
								Directional Sur	/ey ⁹	X No	Yes (Submit copy)			
23 Casing and I	· · ·	T ,	··	(A/D)	D :: (14D	Stage	Cementer	No of Sks &	Slurry Vol					
Hole Size	Size/Grade	Wt (#/ft	· · ·	(MD)	Bottom (MD	L	Pepth	Type of Cement	(BBL) Cement top* Amount Pulled 27bbls Surface 6bbls					
12'1/4" 1		32.3#		0	230' 3368'		n/a 110sx- Type III 27bbls Surface 6bbls 2866' 446sx-Premuim Lite 167bbls Surface 60bbl							
	ዛሃ ₂ L-80	11.6#		0	7500'		n/a	304sx-Premnim Lite	109bbls	TOC @ 248				
		<u> </u>								<u> </u>				
24 Tubing Reco	Depth Set (M	(D) Pag	ker Depth (M	D) -	Size	Depth Set (MD	<u>,, </u>	Packer Depth (MD)	Size	Depth Set (M	D) Packer Depth (MD)			
2 3/8"	7340'	ib) Tac	n/a		Size	Deptil Set (ME	7	Tacker Deptil (MD)	Size	Беріп Зеі (м	B) Tacker Depth (MB)			
25 Producing Int			T		26	Perforation Re	-	1	1 0 1	N- H-l	D C City			
A)	Formation Lower Mana	cos	Top 6644		790'		Perforated 2SPI		.34"	No Holes 48	Perf Status open			
B)	Upper Manc	os	6384	6	604'		1SPI	7	.34"	48	open			
C) D)			-						-					
27 Acid, Fractur		ment Squeeze	etc											
	Depth Interval		Start w/ 29	% KCL wate	r. Acidize w/ 1	Obbls of 15% H		Amount and Type of Materia v/ 170,730gals X-Link pad		0# of 40/70 Arizo	na sand. Pumped 103bbls			
	6644' - 6790'		fluid flush.											
	6384' - 6604'		Start w/ 2°	% KCL wate	r. Acidize w/ 1	10bbls of 15% H	ICL. Frac'd w	v/ 191,772gals X-Link pad	Slickwater w/ 95,06)# of 40/70 Arizo	na sand. Pumped 99bbls fluid			
			11.03.11											
28 Production -	Intornal A													
Date First	Test Date	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production I	Aethod .				
Produced		Tested	Production	BBL	MCF	BBL	Corr. API	Gravity						
03/26/12 GRC	4/2/2012	1hr.	-	n/a	8 /mcf/h	trace/bwph	n/a	n/a		FLO	WING			
Choke	Tbg. Press	Csg Press	24 Hr	Oil BBL	Gas	Water BBL	Gas/Oil	Well Status		PAIN MC	W 14'12			
Size	Flwg	riess	Rate	BBL	MCF	DDL	Ratio			MIL COR				
1/2"	S1-635psi	SI-528psi		n/a	194/mcf/d	l 4/bwpd	n/a							
28a Production Date First	Test Date	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production !	المثانية Aethod	7.5			
Produced		Tested	Production	BBL	MCF	BBL	Corr API	Gravity						
Choke	Tbg Press	Csg	24 Hr.	Oil	Gas	Water BBL	Gas/Oil	Well Status						
	Flwg. SI	Press	Rate	BBL	MCF	BBL	Ratio		ACC	EPTED FO	OR RECORD			
					<u> </u>									

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

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FARMINGTON FIELD OFFICE BY



28b. Production	Internal C							·					
Date First	Test Date	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas		Production Method			
Produced		Tested	Production	BBL	MCF	BBL	Corr API	Gra					
Choke	Tbg Press	Csg	24 Hr	Oıl	Gas	Water	Gas/Oıl	Wel	l Status				
Size	Flwg. SI	Press.	Rate	BBL	MCF	BBL	Ratio						
	31					1		ł					
28c Production	- Interval D				L								
Date First	Test Date	Hours	Test	Oil	Gas	Water	Oil Gravity	1		Production Method			
Produced		Tested	Production	BBL	MCF	BBL	Corr API	Gra	vity				
Choke	Tbg Press	Csg.	24 Hr	Oil	Gas	Water	Gas/Oıl	Wel	1 Status				
Size	Flwg	Press	Rate	BBL	MCF	BBL	Ratio						
	SI												
29. Disposition	of Gas (Solid 1	used for fuel v	ponted etc)	l				!					
2). Disposition	01 043 (50114, 1	isea jor jiiei, v	етей, ыс.у										
30 Summary of	Porous Zones	(Include Aquit	(arc)			то вн	SOLD	- 31	Formatio	on (Log) Markers			
50 Bullinary Or	1 Ololis Zolics	(monde Aquii	icis)						Tomade	m (Log) warkers			
Show all impo	ortant zones of	porosity and c	ontents thereof	Cored inter-	vals and all o	drill-stem tes	st,						
	th interval teste	d, cushion use	d, time tool oper	n, flowing an	d shut-ın pro	essures and							
recoveries.													
			·	<u> </u>			·				Тор		
Formation	ո	Тор	Bottom	ŀ	Descrip	tions, Conte	nts, etc.	1		Name	Meas Depth		
Ojo Alam		.029'	2227'	}		White, cr-gr ss			Ojo Alamo 20 Kırltand 22				
Kırltand		227'	2744'	'	Gry sh interbe	dded w/tight, į	gry, fine-gr ss			2227'			
Fruitland	Fruitland 2744' 3076' Dk gry-gry carb sh, coal, grn sil							ine gr ss		Fruitland	2744'		
Pictured Cli	ıffs 3	076'	3228'		Bn-Gr	ry, fine grn, tig	ght ss			Pictured Cliffs	3076'		
Lewis	1	228'	3766'		Shale	w/ siltstone st	ingers	Lewis			3228'		
Huerfanito Ben	ntonite 3	766'	4025'		White, v	waxy chalky be	entonite		1	-Juerfanito Bentonite	3766'		
Chacra	4	.025'	4582'	Grv fr	n om siltv. olar	uconitic sd sto	ne w/ drk gry sha	ale		Chacra	4025'		
Mesa Verd		582'	4848'	1		d-fine gr ss, ca		• •			4582'		
Menefee	. 4	848'	5262'			y, fine gr ss, ca				Menefee	4848'		
				Med-light gr		_		er part of					
Point Looke	out 5	262'	5630'		,,, 8.	formation		in lower part of Point Lookout			5262'		
Mancos	5	630'	6484'		D	ark gry carb sl	h			Mancos	5630'		
Callun		.404	72121	Lt gry to br			& very fine gry g	gry ss w/		Callum	6484'		
Gallup Greenhort	l l	3484' '213'	7213' 7269'			reg interbed sl alc gry sh w/ tl				Gallup Greenhorn	7213'		
Graneros	,	269'	7321'	ł	0,	fossil & carb v				Graneros	7269'		
					y foss carb sl o	cale sl sitty ss	w/ pyrite incl thin	sh bands					
Dakota	ı	321'	7502'		•	y Y shale break				Dakota	7321'		
Morrison 32. Additional re		plugging proc	cedure).	Interbe	ed grn, brn & i	red waxy sh &	fine to coard grn	1 55		Morrison	0		
			This is a Bl	anco Mesav	erde, Basin	Dakota &	Basin Mancos	s trimingle w	ell under	· DHC4493.			
33 Indicate whi	ch items have b	peen attached b	by placing a chec	k in the app	ropriate box	es							
X Electrical/	Mechanical Lo	gs (1 full set re	eq'd)		Geol	ogic Report].	DST Rep	ort	Directional Su	rvey		
Sundry No	otice for pluggir	ng and cement	verification	_	Core	Analysis	[Other					
34 I hereby cert	tify that the fore	egoing and atta	ched informatio	n is complete	and correct	t as determin	ned from all av	ailable record	ls (see att	ached instructions)*			
Name (p.	olease print)		Mar	e E Jaramıl	lo		Tıtle			Staff Regulatory Tech.			
							_						
Signature Dat							Date			4/2/2012			
Title 18 U S C S				•	-		wingly and wil	llfully to mak	e to any o	lepartment or agency of the Un	ited States any		

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

		WEL	L COMPLI	ETION O	R RECOM	PLETIC	ON REI	PORT AN		OG MENDED	5 Lease Serial N	o. SF-078	3423
Ia Type of Wel	1	Oil Well	X Gas	Well	Dry		Other		Q,		6 If Indian, Allo	tee or Tribe Name	
b Type of Con	<u>-</u>	New Well	=	rk Over	Decpen	ř	Plug B	ack \square	Diff.	Resvr,			
		Other									7. Unit or CA A	greement Name - ገዌዛ ነንይ	and No
2 Name of Ope	rator				211.0.0						8 Lease Name a		7 1151177 4 4 4 5 5
3 Address		В	urlington F	Resource	3a. Phone			rode)			9. API Well No	N JUAN 29-	7 UNIT 141M
P(D Box 4289, I)5) 326-9 <u>7</u>	700			30-039-3	80412-00CA
4 Location of V	Vell (Report locat	ion clearly ar	ıd ın accordan	ce with Fede	ral requiremen	its)*					10 Field and Poo	ol or Exploratory BASIN	DV
At surface			1	UNIT G (SW	//NE), 1675' F	'NL & 193	30' FEL			f	11 Sec , T , R., 1		DK
											Survey or A		
At top prod	Interval reported	helow				SAME A	SAROV	TIE.		-	12 County or Pa		13 State
	- Toponou					*********		_					
At total depti		lis D	ate T D Reach		SAME AS A							Arriba OF, RKB, RT, GL	New Mexico
	2/10/2011	13 D	ale 1 D Reach 1/15/2		I Dai	e Complet D &		X Read	y to P	rod 03/27/12 GRC	17 Elevations (1	6240	
18 Total Depth	MD TVD	75	02'	9 Plug Back	TD	MD TVD		7498'		20 Depth Bridge Plug S	et	MD TVD	
21 Type Electr	1 C & Other Mecha	anical Logs R	un (Submit co	ny of each)		1 4 1	,		_	22 Was well cored?		X No	Yes (Submit analysis)
			· · ·	CL/CBL						Was DST run?		X No	Yes (Submit report)
										Directional Survey	?	X No	Yes (Submit copy)
23 Casing and	Liner Record (Rej	ort all string	s set in well)								<u> </u>		
Hole Size	Size/Grade	Wt (#/f	t) Тор	(MD)	Bottom (M	D)	-	Cementer epth		No of Sks & Type of Cement	Slurry Vol (BBL)	Cement top	* Amount Pulled
(** 12 1/4" * +	12 1/4" v 95/4 H-40 32.3# 0 230' n/a 110sx-Type III 27bbls Surface 6bbls										6bbls		
8'3/4" (")		20#		0	3368'			366'		446sx-Premuim Lite	167bbls	Surface	60bbls
6'1/4"	4 /2 L-80	11.6#		0	7500'		n	ı/a		304sx-Premuim Lite	109bbls	TOC @ 248	10' n/a
											<u> </u>		
04 m 1 ' n	<u> </u>						<u> </u>						
24 Tubing Reco	Depth Set (N	ID) Pa	cker Depth (M	(D)	Size	Depth	Set (MD)	<u> </u>	Pa	acker Depth (MD)	Size	Depth Set (M	(D) Packer Depth (MD)
2 3/8"	7340'		n/a										
25. Producing In	Formation		Тор	. 1	3ottom 26	Perfor	ation Rec	ord Perforated	Interv	val	Size	No Holes	Perf Status
A)	Dakota		7426		7480'			2SP.			.34"	28	open
B)	Dakota		7324	r .	7394'			1SP	F		.34"	16	open
C) D)													
	re, Treatment, Co	ment Squeeze	e, etc	1									
	Depth Interval		6, , ,	A. 1601	4					nt and Type of Material	41.011		1110111 0 110 1
	7324' - 7480'		Start W/ 2	% KCL wat	er. Acidize w/	1 Ubbls of	1 15% НС	CL. Frac'd v	v/ 100	5,512gais Slickwater W/	41,211# 01/20/40	Arizona sand. Pi	umped 113bbls fluid flush.
28 Production -	Interval A			· ····				· · · · · · · · · · · · ·					······
Date First	Test Date	Hours	Test	Oil	Gas	Wate		Oil Gravity		Gas	Production	Method	
Produced		Tested	Production	BBL	MCF	BBL	,	Corr API		Gravity			
03/27/12 GRC	4/2/2012	1hr.		n/a	50 /mcf/	h trac	ce/bwph	n/a		n/a		FLO	WING
Choke	Tbg Press	Csg	24 Hr	Oıl	Gas	Wate		Gas/Oil		Well Status			
Size	Flwg.	Press	Rate	BBL	MCF	BBL	,	Ratio					
1/2"	SI-635psi	SI-528psi		n/a	1,188/mc	f/d 14	/bwpd	n/a				SHUT IN	
28a Production Date First	- Interval B Test Date	Hours	Test	Oil	Gas	Wate	l	Oil Gravity		Gas	Production	Method	
Produced	T CSt Date	Tested	Production	BBL	MCF	BBL		Corr. API		Gravity	roduction		W 14'12
												ÖILCO	W 14'12 NS. DIV.
Choke	Tbg Press	Csg	24 Hr	Oil	Gas	Wate	er	Gas/Oil		Well Status		715	7.3
Size	Flwg	Press	Rate	BBL	MCF	BBL		Ratio					
	SI												
*(See instruction	s and spaces for a	l idditional dat	a on page 2)		<u> </u>								

ACCEPTED FOR RECORD
MAY 0 7 2012

FARMINGTON FIELD OFFICE BY

28b. Productio	on - Interv	al C								······································				
Date First	rrst Test Date Hours Test Oil Gas							Oil Gravity	Gas	Production Method				
Produced	-		Tested	Production	BBL	MCF	BBL	Corr API	Gravity	1				
							<u> </u>							
Choke	Tbg Pt	ress	Csg	24 Hr	Oıl	Gas	Water	Gas/Oıl	Well Stat	us				
Size	Flwg SI		Press.	Rate	BBL	MCF	BBL	Ratio						
	31		ľ		}				i					
28c Productio														
Date First Produced	Test Da	ate	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas	Production Method				
riouncea			rested		BBL	IMCF	BBL	COIT API	Gravity					
Choke	Tbg Pr	ess	Csg	24 Hr	Oil	Gas	Water	Gas/Oil	Well Stat	us				
Size	Flwg. SI		Press	Rate	BBL	MCF	BBL	Ratio						
	31							İ						
29 Disposition	n of Gas (Solid, used	for fuel, v	ented, etc)										
							TO DE	COLD						
30 Summary o	of Porous	Zones (Inc.	lude Anuf	ers)			то ве	SOLD	31 Form	nation (Log) Markers				
o outlineary (07.7 07.04.0	Zones (me	raac / rquii	0.5)					31, 1011	action (DOB) Haritets				
	•	•	-	ontents thereof				t,	ļ					
	pth interv	al tested, co	ushion use	d, time tool ope	n, flowing an	d shut-in pre	essures and							
recoveries														
										· · · · · · · · · · · · · · · · · · ·	Тор			
Formation	on	Тор		Bottom	1	Descript	tions, Conter	nts, etc		Name	Meas Depth			
O _l o Alar	mo	2029	,	2227'	 		White, cr-gr ss		2029'					
Kirltan		2227	1	2744'			dded w/tight, g			Ojo Alamo Kırltand	2227'			
										7744				
Fruitlan Pictured C		2744 3076		3076′ 3228′	Dk gry-gry o		-	med gry, tight, fine	e gr ss	Fruitland 2744' Pictured Cliffs 3076'				
Lewis		3228	1	3766'			ry, fine grn, tig w/ siltstone str			Lewis	3228'			
Huerfanito Be		3766		4025'			waxy chalky be	_		Huerfanito Bentonite	3766'			
210000000000000000000000000000000000000		0,00	1			mine, i	ina ty chamy co			Titoriamo Baltomio				
Chacra	ı [4025	' Í	4582'	Gry fn	grn silty, glau	iconitic sd stoi	ne w/ drk gry shale	e	Chacra	4025'			
Mesa Ver	rde	4582	'	4848'	1	Light gry, me	d-fine gr ss, ca	arb sh & coal		Mesa Verde	4582'			
Menefe	e	4848	•	5262'	i	Med-dark gry	y, fine gr ss, ca	rb sh & coal		4848'				
Point Lool		52(2)	.	5/201	Med-light gry	, very fine gr		sh breaks in lower	r part of					
Manco		5262 5630	1	5630' 6484'		D	formation ark gry carb sh			Point Lookout Mancos	5262' 5630'			
wanco.	'5	3030		0404	Lt gry to br			& very fine gry grj	v ss w/	iviancos	3030			
Gallup	,	6484	'	7213'	8.7		eg interbed sh		,	Gallup	6484'			
Greenho		7213		7269'			alc gry sh w/ th			Greenhorn	7213'			
Granero	os	7269	' i	7321'			fossil & carb v	v/ pyrite incl v/ pyrite incl thin s	h hands	Graneros	7269'			
Dakota	a	7321	,	7502'	Di to dark gry		Y shale break		on ounds	Dakota	7321'			
Morriso					Interbe	d grn, brn & r	red waxy sh &	fine to coard grn s	ss	Morrison	0			
32 Additional	remarks (include plu	gging proc	•	Isaas Massau	anda Daain	Daliata P. 1	Dasin Managa ((minuimala 2008))	. J DIIC4402				
				i nis is a B	anco iviesav	erae, Basin	ракота & 1	Basin Mancos t	trimingle well ur	ider DHC4493.				
33 Indicate wl	hich items	have been	attached b	v nlacing a che	ck in the appr	opriate hov	es							
				, p 5	*									
X Electrica	l/Mechani	ical Logs (1	full set re	eq'd)		Geol	ogic Report		DST Report	Directional St	irvey			
П с	Fa					П.с	A a 1a	_	Other					
	votice for	piugging ai	id cement	verification		Core	Analysis	<u>_</u>						
34 I hereby ce	ertify that t	the foregon	ng and atta	ched information	n is complete	and correct	t as determin	nined from all available records (see attached instructions)*						
•	·				·				,	•				
Name (please print) Marie E Jaramillo Title								Staff Regulatory Tech						
Signature							Date	Date 4/2/2012						
Signature														
Title 1811 S.C.	Section 1	001 and T1	tle 43 11 S	C. Section 121	2. make it a c	rime for any	z nerson kno	wingly and will	fully to make to a	ny department or agency of the Ur	nited States any			
false, fictitious					•	-	•		to make to a	, soparanear or agonoy or the Or	Diales any			

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

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

			2014	27 10 01	157 11 115 1111	n robir	10111						
		WELL	COMPLETI	ON OR F	RECOMPL	ETION R		D LOG AMENDED	5 Lease Serial N	lo. SF-0784	423		
1a. Type of Wel	<u> </u>	Oil Well	X Gas V		Dry	Other			6 If Indian, Allo	ttee or Tribe Name	<u> </u>		
b. Type of Con	npletion.	New Well Other	∐ Work	Over	Deepen	Plug	Back D	ff. Resvr ,	7. Unit or CA A	greement Name a M_ク&リン	ind No.		
2. Name of Ope	rator	Other							8. Lease Name a		· · · · · · · · · · · · · · · · · · ·		
		Bur	lington Res	ources (N JUAN 29-7	UNIT 141M		
	D Box 4289, F						irea coae) (505) 326-9 7	00	9. API Well No.	30-039-30	0412-00C3		
4. Location of V	Vell (Report locat	ion clearly an	d in accordance	with Federa	il requirement	5)*			10. Field and Po	ol or Exploratory BLANCO	MV		
At surface			UNI	ΓG (SW/NI	E), 1675' FNL	& 1930' FE	L		II Sec, T, R,	M., on Block and	IVIV		
									Survey or A	rea SEC: 08, T	29N. R7W		
At top prod.	Interval reported l	below			SA	ME AS ABO	OVE		12 County or P		13 State		
At total depth	1			s	AME AS AB	OVE			Ri	o Arriba	New Mexico		
14 Date Spudde	ed	15 D	ate TD Reached	1		Completed				DF, RKB, RT, GL)			
18. Total Depth	MD	75	1/15/201	Plug Back		D&A MD	7498'	20. Depth Bridge Plug					
- Total Depar	TVD		15.	1 lug Dack	1.D	TVD	7420	20. Depail Bridge Flug		TVD	<u></u>		
21 Type Electr	nc & Other Mecha	anical Logs R	• • • •	,				22. Was well cored? Was DST run?		X No	Yes (Submit analysis)		
			GR/CCL/G	0	X No	Yes (Submit report) Yes (Submit copy)							
23. Casing and l	Liner Record (Report all strings set in well) Directional Survey?										1 res (Subilit copy)		
Hole Size	Size/Grade	Wt (#/ſ	t) Top (1	MD)	Bottom (MD)		Cementer	No of Sks. & Type of Cement	Slurry Vol (BBL)	Cement top*	Amount Pulled		
12.1/4!	95/411-40	32.3#	0		230'		Depth n/a	110sx- Type III	27bbls	Surface	6bbls		
رئىسى <u>"8'3/4"</u>	7 J-55	20#	0		3368'		2866'	446sx-Premuim Lite	167bbls	Surface	60bbls		
6.1/4"	/4 Y> L-80	11.6#	0		7500'		n/a	304sx-Premuim Lite	109bbls	TOC @ 2480)' n/a		
24 Tubing Reco	 ord	L	!	J									
Size	Depth Set (M	ID) Pa	cker Depth (MD) !	Size	Depth Set (M	1D)	Packer Depth (MD)	Size	Depth Set (MI	D) Packer Depth (MD)		
2 3/8" 25. Producing In	tervals		n/a		26	Perforation	n Record		Supply No. Union Dead Status				
	Formation		Тор		ottom		Perforated I		Size	No. Holes	Perf. Status		
A) B)	Point Looko Menefee	ut	5264' 4868'		234'		1SPF 1SPF		.34"	21	open open		
C)	Cliffhouse		4588' 4052'		840'		1SPF 1SPF		.34"	24	open		
D) 27. Acid, Fractu	Lewis re, Treatment, Ce	ment Squeeze		4	480'		1511		.34	25	open		
	Depth Interval			01.1.1 5.1.5.	ov HCL E	11(26.414		amount and Type of Mater		4 / I D	1 021 11 0 21 0 1 T.4.1		
	5264' - 5410'		N2:1.337.00	OSCF.			-	•			nped 82bbls fluid flush. Total		
	4868' - 5234'		Acidize w/ 1 N2:1,188,00		% HCL. Frac	'd w/ 26,418	gals 70% Quali	ty N2 Slick foam pad w/ 5	5,588# of 20/40 A	rizona sand. Pumj	oed 75bbls fluid flush. Total		
	4588' - 4840'		Acidize w/ 1 N2:1,115,00		Frac'd w/ 33,0	96gals 70%	Quality N2 Slice	k/foam pad w/ 101,278#	of 20/40 Arizona s	and. Pumped 71bb	ls fluid flush. Total		
			142.1,113,00	oser.									
28 Production -	4052' - 4480' Interval A		Frac'd w/ 3	1,122gals 75	5% Quality V	seo Elastic f	oam pad w/ 76,	725# of 20/40 Arizona sa	nd. Pumped 63bbl	s foam flush. Total	N2:1,542,000SCF		
Date First	Test Date	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production	Method			
Produced		Tested	Production	BBL	MCF	BBL	Corr API	Gravity					
03/26/12 GRC	4/2/2012	1hr.		n/a	43/mcf/h	1/bwph	n/a	n/a		FLOV	VING		
Choke Size	Tbg Press Flwg,	Csg Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status		RCVD MF	W 14'12		
										OIL COP	IS. DIV.		
1/2" 28a Production	- Interval B	SI-528psi		n/a	1,034/mcf/c	26/bwpd	n/a			SHUT IN			
Date First	Test Date	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production		: C		
Produced		Tested	Production	BBL	MCF	BBL	Corr API	Gravity					
Choke	Tbg Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas/Oil	Well Status					
Size	Flwg	Press.	Rate	BBL	MCF	BBL	Ratio		ACCEPT	TED FOR IT	iecoop		
	SI		-								\re		
*(See instruction	s and spaces for a	dditional data	on page 2)			-			A.A.	AV 0 7 20	10		

MAY U 7 ZUZ

28b Production	n - Interval C										
Date First	st Test Date Hours Test Oil Gas						Oil Gravity	Gas	Production Method		
Produced		Tested	Production	BBL	MCF	BBL	Corr. API	Gravity			
Choke	Tbg Press	Csg	24 Hr.	Oıl	Gas	Water	Gas/Oıl	Well Status			
Size	Flwg SI	Press.	Rate	BBL	MCF	BBL	Ratio				
8c Production		l									
Date First	Test Date	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method		
roduced		Tested	Production	BBL	MCF	BBL	Corr API	Gravity			
Choke	Tbg Press.	Csg	24 Hr	Oil	Gas	Water	Gas/Oıl	Well Status			
ize	Flwg SI	Press.	Rate	BBL	MCF	BBL	Ratio				
9 Disposition	of Gas <i>(Solid, us</i>	ed for fuel, v	vented, etc)								
						TO BE	SOLD	T			
 Summary o 	of Porous Zones (In	nclude Aquit	fers)					31 Format	ion (Log) Markers		
-	oortant zones of po oth interval tested,	-					it,				
	_					_	·			Тор	
Formatio	on To	p q	Bottom		Descript	tions, Conte	nts, etc.		Name	Meas Depth	
Ojo Alam	no 200	29'	2227'	<u> </u>	,	White, cr-gr ss		†	Ojo Alamo	2029'	
Kırltand	Kırltand 2227' 2744' Gry sh interbedded w/tig						gry, fine-gr ss.		Kirltand	2227'	
Fruitland	Fruitland 2744' 3076' Dk gry-gry carb sh, coal, grn silts, 1						med gry, tight, fine gr ss		Fruitland	2744'	
Pictured Cl	liffs 301	76'	3228'		Bn-Gr	y, fine grn, tig	ht ss		Pictured Cliffs 3		
Lewis	322	28'	3766'		Shale	w/ siltstone sti	ingers		Lewis	3228'	
Huerfamto Bei	ntonite 376	36'	4025'		White, v	vaxy chalky be	entonite	1	Huerfanito Bentonite	3766'	
Chacra	402	25'	4582'	Gry fr	ı grn silty, glaı	conitic sd sto	ne w/ drk gry shale	1	Chacra	4025'	
Mesa Ver	de 458	32'	4848'		Light gry, me	d-fine gr ss, ca	nrb sh & coal		Mesa Verde	4582'	
Menefee	e 484	18'	5262'		Med-dark gry				Menefee	4848'	
Point Look	cout 520	52'	5630'	Med-light gr	y, very fine gr	ss w/ frequent formation	sh breaks in lower part o	of .	Point Lookout	5262'	
Mancos	ľ		6484'		Da	ark gry carb sh	1		Mancos	5630'	
				Lt gry to br	n calc carb m	cac gluac silts	& very fine gry gry ss w/	1			
Gallup	l l		7213'			eg, interbed sl			Gallup	6484'	
Greenhor Graneros			7269' 7321'		Highly ca Dk gry shale,	de gryshw/th			Greenhorn Graneros	7213' 7269'	
					y foss carb sl c	alc sl sitty ss v	w/ pyrite incl thin sh band	s			
Dakota Morrisor		21	7502'	Interbe	,	Y shale break ed waxy sh &	fine to coard grn ss		Dakota Morrison	7321'	
2 Additional i	remarks (include p	lugging prod	,	anco Mesav	erde, Basin	Dakota & l	Basin Mancos trimir	gle well und	er DHC4493.		
3 Indicate wh	ich items have bed	en attached t	by placing a che	ck in the app	ropriate box	es					
_	ich items have bee			ck in the app		es ogic Report	DS.	Г Керогт	Directional Sur	vey	
X Electrical		(1 full set re	eq'd)	ck in the app	Geold		Ds [,]		Directional Sur	vey	
X Electrical	/Mechanical Logs	(1 full set re	eq'd) verification		Geold	ogic Report Analysis	Oth	er	Directional Sur	vey	
Sundry No.	/Mechanical Logs	(1 full set re	verification		Geold	ogic Report Analysis	Oth	er		vey	

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

RECEIVED

FORM APPROVED OMB No 1004-0137

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Expires July 31, 2010

									-mington Fiold Off	<u>^</u>	SF-07842	23		
la Type of We	-	Oil Well	<u></u>	Gas Well	Dry		Other	Bures	nu of Land Manage	6 If Indian, Allo	ttee or Tribe Name			
b Type of Cor	mpletion	New Wel	ı [Work Over	Dee	pen	Plug F	Back	Diff Resvr,		greement Name and	d No		
		Other								r. omeor oren	greement Name an	4 140		
2 Name of Ope	erator)			0.0				8 Lease Name a		INUT 4 44BF		
3 Address		<u>E</u>	suriingt	on Resou			include area	code)		9 API Well No	N JUAN 29-7 L	JNII 141M		
	O Box 4289,	Farmingt	on, NM	87499	, , , , , , , , , , , , , , , , , , ,			05) 326-9'	700	> MI Well No	30-039-304	112		
4. Location of V	Well (Report loca	tion clearly	and in acc	ordance with F	ederal requi	rements)*				10 Field and Poo		,		
At surface				UNIT G	(SW/NE), 1	675' FNL 6	& 1930' FEL			11 Sec, T, R, I	M, on Block and			
					,					Survey or A				
At ton prod	Interval reported	helow				SAN	IE AS ABOV	/F		12 County or Pa	SEC: 08, T29	N, R7W 13 State		
· · · · · · · · · · · · · · · · · · ·						2				12 County of Te		15 State		
At total dept		1,5	Ď-t- T.D.	D1 2		E AS ABO					Arriba	New Mexico		
14 Date Spudd	ea 2/10/2011	13	Date T D	Keached 1/15/2012	110	Date Co	mpleted D & A	X Read	y to Prod 03/27/12 GRC	17 Elevations (I	OF, RKB, RT, GL)* 6240'			
18 Total Depth	MD	7	502'	19 Plug I	Back T D		MD	7498'	20 Depth Bridge Plug S	et	MD			
	TVD						TVD				TVD			
21 Type Electr	ric & Other Mech	ianical Logs	-						22 Was well cored?	<u> </u>				
			(GR/CCL/CBL						Was DST run? X No Yes (Submit report)				
23 Casing and	Liner Record (Re	nort all striv	os set m 1e	rell)					Directional Surve	<i>i</i> "	X No	Yes (Submit copy)		
Hole Size	Size/Grade	Slurry Vol	Cement top*	Amount Pulled										
	Depth Type of Cement (BBL)													
7"	H-40	20:		<u></u>	3	110sx- Type III 446sx-Premuim Lite	27bbls 167bbls	Surface Surface	6bbls 60bbls					
4 1/2"	L-80	11.6		0	+	500'		866' n/a	304sx-Premuim Lite	109bbls	TOC @ 2480'	n/a		
		ļ	<u> </u> _											
			-							<u> </u>	+			
24 Tubing Rec														
Size	Depth Set (1 7340'	4D) 1	Packer Dep n/a		Size	- D	epth Set (MD	⁾ -	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)		
25 Producing In	<u> </u>					26 P	erforation Red							
A)	Formation Dakota		_	Top 7426'	Bottom 7480'	_		Perforated 2SP		Size	No Holes	Perf Status		
B)	Dakota			7324'	7394'			1SP		.34"	16	open open		
C) D)											-			
27 Acid, Fractu	re, Treatment, C	ement Squee	ze, etc			1.								
	Depth Interval								Amount and Type of Material					
	7324' - 7480'		Star	t w/ 2% KCL	water. Acid	ize w/ 10bl	bls of 15% H	CL. Frac'd v	v/ 106,512gals Slickwater w/	41,211# of 20/40	Arizona sand. Pump	ped 113bbls fluid flush.		
		•												
28 Production -	· Interval A									,				
Date First	Test Date	Hours	Test	Oil	Gas		Water	Oil Gravity	Gas	Production	Method			
Produced		Tested	Product	ion BBL	MCF	· .	BBL	Corr API	Gravity					
03/27/12 GRC	4/2/2012	1hr.		* ,	n/a 50	/mcf/h	trace/bwph	n/a	n/a		FLOWI	NG		
Choke	Tbg Press	Csg	24 Hr	Oil	Gas	1	Water	Gas/Oil	Well Status		RCVD MA			
Size	Flwg	Press	Rate	BBL	MCF	ľ	BBL	Ratio		-				
1/2"	SI-635psi	SI-528ps	i	7 ,	n/a 1,18	88/mcf/d	14/bwpd	n/a		5	SHUT-INL CON	5. DIV.		
28a Production Date First	- Interval B Test Date	Hours	Test	Oil	Gas	Į.	Water	Oil Gravity	Gas	Production	Method =====			
Produced	1 CSt Date	Tested	Product				water BBL	Corr API	Gravity	Floduction	Method DIST			
	[▶				-						
Choke	Tbg Press	Csg	24 Hr	Oil	Gas		Water	Gas/Oıl	Well Status	1				
Size	Flwg	Press	Rate	BBL			BBL	Ratio						
	SI	-		→		İ			,					
*(See instruction	s and spaces for	additional da	ata on nage	(2)				L		1 4	0 5 15 2			

ASSETTED FOR RECORD

APR 2 5 2012





Produced				T			,					
	Date Hou Test		Oıl BBL	Gas MCF	Water BBL	Oil Gravity Cort. API	Gas Gravity	Production Method				
hoke Tbg ze Flwg SI	Press Csg Pres		Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	<u> </u>				
Sc. Production - Inte	erval D											
Pate First Test Troduced	Date Hou Test		Oil BBL	Gas MCF	Water BBL	Oil Gravity Cort API	Gas Gravity	Production Method				
Tbg ze Flwg SI	Press Csg. Pres	I	Oil BBL	Gas MCF	Water BBL	Gas/Oıl Ratio	Well Status	-				
9. Disposition of Ga	s (Solid, used for fi	iel, vented, etc.)		· · · · · · · · · · · · · · · · · · ·	TO DE	COLD	1					
Summary of Poro	us Zones (Include /	Agnifers)			TOBE	SOLD	31 Formati	on (Log) Markers				
Show all important including depth inte recoveries						t,			7			
Formation	Тор	Bottom		nts, etc		Name	Top Meas. Deptl					
Ojo Alamo	2029'	2227'		1	Vhite, cr-gr ss		Ojo Alamo 2029'					
Kırltand	2227'	2744'		Gry sh interbed	ded w/tight, g	gry, fine-gr ss		Kırltand	2227'			
Fruitland	2744'	3076'	Dk gry-gry	earb sh. coal.	ern silts koht-	med gry, tight, fine gr ss		Fruitland	2744'			
Pictured Cliffs	3076'	3228'			y, fine grn, tigi			Pictured Cliffs	3076'			
Lewis	3228'	3766'			v/ siltstone stu			Lewis	3228'			
luerfanito Bentonite	3766'	4025'			axy chalky be			Huerfanito Bentonite	3766'			
Chacra	4025'	4582'	Gry fr	grn silty, glat	conitic sd stor	ne w/ đrk gry shale	1	Chacra	4025'			
Mesa Verde	4582'	4848'		Light gry, med	l-fine gr ss, ca	rb sh & coal		Mesa Verde	4582'			
Menefee	4848'	5262'		Med-dark gry	, fine gr ss, ca	rb sh & coal		Menefee	4848'			
			Med-light gry	, very fine gr		sh breaks in lower part of	1					
	5262'	5630'			formation			Point Lookout	5262'			
Point Lookout	5630'	6484'	It on to to		rk gry carb sh			Mancos	5630'			
Point Lookout Mancos	(404)	7213'	L. gry to br		eg interbed sh	& very fine gry gry ss w/	1	Gallup	6484'			
	6484'	72(0)		Highly ca	lc gry sh w/ th	in Imst	İ	Greenhorn	7213'			
Mancos	7213'	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2							7269'			
Mancos Gallup		7269		Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh								
Mancos Gallup Greenhorn	7213'	1		foss carb sl c	alc sl sitty ss v Y shale break		}	Dakota	7321'			

33 Indicate which items have been attached by placing a che	ck in the appropriate boxes.		
X Electrical/Mechanical Logs (1 full set req'd)	Geologic Report	DST Report	Directional Survey
Sundry Notice for plugging and cement verification	Core Analysis	Other:	
24 Ibarria - Calanda C			
34 I hereby certify that the foregoing and attached informati	on is complete and correct as determined i	rom all available records (see attache	ed instructions)*
Name (please print) .Ma	rie E Jaramillo	Title	Staff Regulatory Tech.
Signature	M	Date	4/18/17
	\//		
Title 18 U.S.C Section 1001 and Title 43 U S C Section 121	2, make it a crime for any person knowing	gly and willfully to make to any depa	rtment or agency of the United States any

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

5. Lease Serial No

WELL COMPLETION OR RECOMPLETION REPORT AND LOG 3 2012

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

									LIAG		SF-078	423	
la. Type of We	<u></u>	Oil Well New Well	X Gas V		Dry Deepen	Othe	_{r 1} ಬ	H:@f	gton Field ⊕⊞ L _{sa} nd Manage	6 If Indian, Allo	ttee or Tribe Name		
b Type of Co.	imprenon _	Other:	☐ <i>₩</i> ₩	Over	Беереп	Frug	Back	·Dill K	icsvi ,	7. Unit or CA A	greement Name a	nd No.	
2. Name of Ope	erator			······································				-		8 Lease Name a			
2 411		Bur	lington Res	ources							N JUAN 29-7	UNIT 141M	
3. Address	O Box 4289, I	Farmingto	n, NM 87499		3a. Phone	No (include	area coae) (505) 326 -9	700		9 API Well No.	30-039-30	0412	
4 Location of \	Well (Report local	tion clearly at	nd in accordance	with Feder	ral requireme	nts)*				10 Field and Poo	ol or Exploratory BLANCO	MV	
At surface			UNI	T G (SW/I	NE), 1675' FI	NL & 1930' FI	EL			11. Sec, T, R, Survey or A	M, on Block and		
At top prod	Interval reported	below			5	SAME AS AB	OVE			12 County or Pa	SEC: 08, T	29N, R7W 13 State	
At total dant	h					DOVE				n:	Arriba	New Mexico	
At total dept		15. D	ate T.D Reached		SAME AS A 16 Da	te Completed					OF, RKB, RT, GL)		
	2/10/2011		1/15/201			D&A			od. 03/26/12 GRC		6240'		
18 Total Depth	MD TVD	75	02' 19.	Plug Back	TD.	MD TVD	7498'	20	Depth Bridge Plug S	et	MD TVD		
21 Type Electr	ric & Other Mech	anical Logs R	un (Submit copy	of each)				2:	2 Was well cored?		X No	Yes (Submit analysis)	
			GR/CCL/	CBL					Was DST run?		X No	Yes (Submit report)	
23 Casing and	Liner Record (Rei	nort all string	e eat m wall)						Directional Survey	[,] ?	X No	Yes (Submit copy)	
Hole Size	Size/Grade	Wt (#/f		(ID)	Bottom (MI	Stage	Cementer		No of Sks &	Slurry Vol.	Cement top*	Amount Pulled	
				Type of Cement	(BBL)								
9 5/8"	H-40 J-55	32.3# 20#	0	110sx- Type III 46sx-Premuim Lite	27bbls Surface 6bbls 167bbls Surface 60bbls								
4 1/2"											109bbls TOC @ 2480' n/a		
	-	 		-						-			
	<u> </u>												
24 Tubing Reco	Depth Set (N	(D) Pa	cker Depth (MD)	Size	Depth Set (N	(D)	Pac	ker Depth (MD)	Size	Depth Set (MI	Packer Depth (MD)	
2 3/8"	7340'		n/a										
25 Producing In	formation Formation		Тор		3 Sottom	6 Perforation	n Record Perforated	1 Interv	ral	Size	No. Holes	Perf Status	
A)	Point Looko	ut	5264'		5410'		181		4.	.34"	21	open	
B) C)	Menefee Cliffhouse		4868' 4588'		5234' 4840'		1SI 1SI			.34"	24	open open	
D)	Lewis		4052'		4480'		181			.34"	25	open	
27 Acid, Fractu	re, Treatment, Ce Depth Interval	ment Squeeze	e, etc					Amou	nt and Type of Materia				
					5% HCL. Fr	ac'd w/ 36,414	gals 70% Qua				Arizona sand. Pum	ped 82bbls fluid flush. Total	
	5264' - 5410'		N2:1,337,00 Acidize w/ 1		5% HCL. Fr	ac'd w/ 26,418	gals 70% Qua	ality N	2 Slick foam pad w/ 55	,588# of 20/40 A	rizona sand. Pump	ed 75bbls fluid flush. Total	
	4868' - 5234'		N2:1,188,00	OSCF.									
	4588' - 4840'		N2:1,115,00		Frac'd w/ 33	,096gals 70%	Quality N2 S	lick/foa	am pad w/ 101,278# of	20/40 Arizona sa	ind. Pumped 71bb	s fluid flush. Total	
	4052' - 4480'		Frac'd w/ 31	.122gals 7	5% Quality	Visco Flastic f	foam nad w/ 7	6.725#	of 20/40 Arizona sand	I. Pumped 63hbls	foam flush Total	N2:1.542 000SCF	
28 Production -	Interval A		············					-	1				
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API		Gas Gravity	Production I	Method		
Troudeca		resicu	roduction	DDD	Mici	BBE	Com. Att 1		Chavity				
03/26/12 GRC Choke	4/2/2012 Tbg Press.	1hr. Csg	24 Hr	Oil	43/mcf/l Gas	1/bwph Water	Gas/Oil		m/a Well Status		FLOW DOUGH M	'ING IAY 2'12	
Size Flwg Press. Rate BBL MCF BBL Ratio												MS.DIV.	
1/2''	SI-635psi	S1-528psi		n/a	1.034/mcf	/d 26/bwpd	n/a			:			
28a Production	- Interval B	·	,		- '	· · · ·					L/1-	7.0	
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API		Gas Gravity	Production I	Method		
Choke	Tbg Press	Csg	24 Hr	Oil	Gas	Water	Gas/Oil		Well Status				
Size	Flwg	Press.	Rate	BBL	MCF	BBL	Ratio			A PARTIE OF		Marin Marin	
	SI									The state of the s	TED FOR	TEURIU	
*(See instruction	s and spaces for a	dditional data	on page 2)			.1	NWO	CD		A`	PR 2/5 20	12	

₩.



28b. Production	- Interval C												
Date First	Test Date	Hours	Test						Production Method				
Produced		Tested	Production	BBL	MCF	BBL	Corr API	Gravity					
	ļ												
	<u> </u>												
Choke	Tbg Press	Csg	24 Hr.	Oil	Gas	Water	Gas/Oil	Well Status					
Size	Flwg	Press	Rate	BBL	MCF	BBL	Ratio						
	SI					ł							
28c Production													
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 Нг.	Oil	Gas	Water	Gas/Oil	Well Status					
Size	Flwg	Press.	Rate	BBL	MCF	BBL	Ratio						
	SI				ŀ		1	İ					
	L	1			<u> </u>								
29 Disposition	of Gas (Solid, used	for fuel, v	ented, etc.)										
						mo nn	2017						
20.0	CD 77 (7					TO BE	SOLD	121 E	(7)				
30 Summary of	f Porous Zones (Inc	clude Aquit	ers)					31. Formatio	on (Log) Markers				
	_												
•	ortant zones of por	•					t,						
	th interval tested, o	ushion use	d, time tool ope	n, flowing an	d shut-in pre	ssures and							
recoveries.													
			_					Тор					
Formation	n Top	'	Bottom		Descripti	ions, Conter	its, etc		Name	Meas Depth			
								_					
Ojo Alam	0 2029	"	2227'		W	Vhite, cr-gr ss			Ojo Alamo	2029'			
Kırltand	2223	"	2744'	(Gry sh interbed	ded w/tight, g	ry, fine-gr ss		Kırltand	2227'			
T	274	,	2076			b 1 te		.	Fruitland	2744'			
Fruitland			3076'	Dk gry-gry		-	med gry, tight, fine gr ss	·					
Pictured Cli	iffs 3076	5'	3228'	ļ	Bn-Gry	y, fine grn, tig	ht ss	Pictured Cliffs 3076'					
Lewis	3228	3'	3766'		Shale v	v/ siltstone sti	ngers		Lewis	3228'			
Huerfanito Ben	ntonite 3760	5'	4025'		White, w	axy chalky be	ntonite		Huerfanito Bentonite 3766'				
Chacra	4025	r	4582'	Gry fr	grn silty, glau	conitic sd stor	ne w/ drk gry shale		Chacra	4025'			
Mesa Verd	ie 4582	·	4848'	_	Light gry, med	l-fine gr ss. ca	rb sh & coal	i	Mesa Verde	4582'			
						_			Menefee	4848'			
Menefee	4848	·	5262'		Med-dark gry,			1	Menetee	4040			
		.	56201	Med-light gry	, very fine gr s		sh breaks in lower part	of	Point Lookout	52(2)			
Point Looke		i i	5630'	1		formation		ŀ	5262'				
Mancos	5630)'	6484'		Da	rk gry carb sh	ı		Mancos	5630'			
~		.		Lt gry to br	n calc carb mic	ac gluac silts	& very fine gry gry ss w	"	G "	(404)			
Gallup	6484	1	7213'			eg interbed sh			Gallup	6484'			
Greenhorn	n 7213	'	7269'		Highly cal	lc gry sh w/ th	in Imst		Greenhorn	7213'			
Graneros	7269	"	7321'		Dk gry shale, f				Graneros	7269'			
20.1		.	75001	Lt to dark gry			v/ pyrite incl thin sh ban	ds	Delega	72211			
Dakota	7321	i i	7502'		•	Y shale break			Dakota	7321'			
Morrison				Interbe	d grn, brn & re	ed waxy sh &	fine to coard grn ss		Morrison	0			
32 Additional re	emarks (include pli	igging proc			1 n	15.1 (0.1	N		DII.04402				
			This is a Bl	anco Mesav	erde, Basın	Dakota & I	Basin Mancos trimi	ngle well unde	r DHC4493.				
22 7 1: 1	1 1 1	. 1 11		1 1 1	. 2.6.1								
33. indicate whi	ch items have beer	attached b	y placing a che	k in the appi	орпате бохе	s.							
☑ :::1/	Nach-Seal Leas	1 C.11	_13 \	1	Cools	ana Damani	□ne	T Donort	Directional Sur	****			
A Electrical/	Mechanical Logs (ı ıun set re	yu) -	- 1	LJ Geolo	gic Report		T Report	☐ Directional Stir	voy			
					П.с	A a1:-	По	L					
☐ Sundry No	otice for plugging a	na cement	verification	11	□ Core A	Analysis	Ot	ner:					
24 11 1	ic. d		-11. C		-, -	_/3	- d C		to also demotrate >>+				
34 I nereby cert	my that the foregoi	ng and atta י	cnea informatio	n is complete	and correct	as determin	eu from all available	records (see at	tached instructions)*				
3.7	-1	1 1 1			_	/ In	T./1-		Ctoff D 1-4 T1				
Name (p	olease print)	+11+	Mar	ie E Jaramil	0	 	Title	<u></u>	Staff Regulatory Tech				
c . ,		-\I\ /\	MIL	7 1/0	<u> </u>	V/	Dete		4119117				
Signatur	re	- { \/ \/ 	\	1/	$V \setminus \cdot$	γ	Date		THUHL				
			\vee 11	IV .	$\overline{}$								

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

(Continued on page 3)

(Form 3160-4, page 2)

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UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

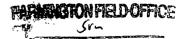
APR 23 2012

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

										L1 OEG ~				
		WEL	L COMPLE	ETION O	R RECO	MPLET	ION RE	POŘTVA	VD(LO	ic Field Office and Managem	5 Lease Serial No	SF-078	2422	
								<u>sureau</u>	Oi Le	iliu ivialiagein		SF-078	3423	
la Type of Wel b Type of Con	-	Oil Well New Well	X Gas	Well rk Over	Dry Deepen		Other Plug B	ack	Diff R	esvr.,	6 If Indian, Allot	tee or Tribe Nam	е	
	_	Other	_				_	· <u></u>	•		7. Unit or CA Ag	reement Name	and N	No
2 Name of Ope	rator		· ··linatan F	2000000	. 0:1 9	Can Ca					8 Lease Name an		7 1 1 1 1	UT 4.44M
3 Address		DI	urlington F	kesource			lude area d	code)			9 API Well No	N JUAN 29-		
	D Box 4289, I Vell (Report locat				ral reautren	nents)*	(50	05) 326-9'	700		10 Field and Poo	30-039-3	30412	2
	on (noporrious						•					BASIN MA	ANCO	s
At surface			ı	JNIT G (SW	//NE), 1675	' FNL & 1	930' FEL				11 Sec , T , R , N Survey or A		Tann	D73V
At top prod	Interval reported	below				SAME	AS ABOV	'E			12 County or Pa		1291,	13 State
At total depth	1				SAME A	S ABOVE	;				Rio	Arriba		New Mexico
14 Date Spudde	ed :/10/2011	15 D	ate T D Reach 1/15/2		16 I	Date Compl D	leted & A	X Read	ly to Pro	d 03/26/12 GRC	17 Elevations (E	F, RKB, RT, GL 6240		
18 Total Depth	MD TVD	75	02' 1	9 Plug Back	cT D	MI TV		7498'	20	Depth Bridge Plug S	ş Set MD TVD			
21 Type Electr	ic & Other Mech	anical Logs R	un (Submit co	py of each)					22	2 Was well cored?		X No	Ye	es (Submit analysis)
			GR/C	CL/CBL						Was DST run?		X No	Ye	es (Submit report)
										Directional Survey	n	X No	Ye	es (Submit copy)
23 Casing and I	iner Record (Rej	port all string	s set in well)									1		
Hole Size	Size/Grade	Wt (#/	ft) Top	(MD)	Bottom	(MD)	_	Cementer epth		No of Sks & Type of Cement	Slurry Vol. (BBL)	Cement top	,•	Amount Pulled
9 5/8"	H-40	32.3#		0	230			n/a 110sx-Type III			27bbls	Surface		6bbls
7"	J-55	20#		0	3368			366'		16sx-Premuim Lite	167bbls	Surface		60bbls
4 1/2"	L-80	11.6#	<u> </u>	0	7500)'	п	n/a	30	94sx-Premuim Lite	109bbls TOC @ 2480' n/a			
												-		
24 Tubing Reco		(B) B	1 5 10	-> T			1.0.000				1 0	1 5 45.0	(D) 1	D 1 D 4 0 (D)
Size 2 3/8"	Depth Set (N 7340'	ID) Pa	n/a	D)	Size	Dept	th Set (MD)	' -	Paci	icker Depth (MD) Size Depth Set (MD) Packer Depth (MD)				
25 Producing In		l	II/U			26 Perfe	oration Rec	ord						
	Formation		Тор		Bottom			Perforated			Size	No Holes		Perf Status
A)	Lower Mane		6644		6790'			2SP			.34"	48		open
B) C)	Upper Manc	os	6384		6604'			1SP	r	· · · ·	.34"	48		open
D)														
27 Acid, Fractu	re, Treatment, Ce	ment Squeez	e, etc											
	Depth Interval		Start w/2	% KCL wat	ter Acidize	w/ 10bbls	of 15% He			and Type of Material 30gals X-Link pad Sli	ckwater w/ 80 000	0# of 40/70 Arize	nn sa	nd Pumped 103hbls
	6644' - 6790'		fluid flush						1.0,,	oogins it ziiii piid oii		01 10//01/2010		
	6384' - 6604'		Start w/ 2 flush.	% KCL wat	ter. Acidize	w/ 10bbls	of 15% H	CL. Frac'd	w/ 191,7	72gals X-Link pad Sli	ckwater w/ 95,06	0# of 40/70 Arizo	ona sa	nd. Pumped 99bbls fluid
28 Production -	Interval A													
Date First	Test Date	Hours	Test	Oil	Gas	Wa	ater	Oil Gravity		Gas	Production I	Method		
Produced		Tested	Production	BBL	MCF	ВВ	L	Corr API	1	Gravity				
03/26/12 GRC	4/2/2012	1hr.	24.11-	n/a	8 /m		ace/bwph	n/a	1	n/a			WING	
Choke Size	Tbg Press Flwg	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Wa BB		Gas/Oil Ratio		Well Status		RCVD I	4AY	2'12
		1				ا	-					OIL CO	MS	.DIV.
1/2"	SI-635psi	SI-528psi		n/a	194/m	cf/d	4/bwpd	n/a	1	<u> </u>			3ĭ.	
28a Production Date First	- Interval B Test Date	Hours	Test	Oil	Gas	Wa	ıter	Oil Gravity		Gas	Production 1		ه ۱۱ س	
Produced	2 OSt Date	Tested	Production	BBL	MCF	BB		Corr API		Gravity	113440110111			
Choke	Tbg Press	Csg	24 Hr	Oil	Gas	Wa		Gas/Oil		Well Status				
Size	Flwg SI	Press	Rate	BBL	MCF	ВВ	IL.	Ratio						
	Q1		-								SALES OF F	ARMO		OBO ·
*(See instruction	s and spaces for a	additional dat	a on page 2)	- L						•	THE PARTY OF	***** 0 0 to 0 0 0		

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APR 2:5 2012





28b Production	ı - Interval	1 C										
Date First Produced Test D		te	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method		
			rested						Giavity			
Choke Tbg Pre		Press. Csg.		24 Hr.	Oıl	Gas	Water	Gas/Oı1	Well Status			
Size	Flwg		Press	Rate	BBL	MCF	BBL	Ratio				
	SI											
28c Production							_					
Date First Test I		t Date Hou		Test Production	Oıl BBL	Gas MCF	Water BBL	Oil Gravity Cori API	Gas Gravity	Production Method		
Tiodiced			rested	Troduction		IVICI	I DDL	Con 741	Giuvity			
Choke	Tbg. Pre	•99	Csg	24 Hr	Oil	Gas	Water	Gas/Oıl	Well Status			
Size Flwg		.55	Press	Rate	BBL	MCF	BBL	Ratio	Wen otatus			
	SI											
29. Disposition	of Gas (Se	olid, used	for fuel, ve	ented, etc)	<u> </u>		!					
							то ве	SOLD				
30 Summary of Porous Zones (Include Aquifers)									31. Formati	31. Formation (Log) Markers		
Show all important zones of porosity and contents thereof Cored intervals and all drill-stem test,												
•		-	-	d, time tool ope				'				
recoveries												
Formation		Тор		Bottom	Descriptions, Contents, etc.					Name	Тор	
											Meas Depth	
Ojo Alamo		2029'			White, cr-gr ss					Ojo Alamo	2029'	
Kırltand		2227'		2744'	Gry sh interbedded w/tight, gry, fine-gr ss					Kirltand	2227'	
Fruitland Pictured Cliffs		2744' 3076'	i	3076' 3228'	Dk gry-gry	Ok gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss			ss	Fruitland Pictured Cliffs	2744' 3076'	
Lewis		3228'		3766'	Bn-Gry, fine grn, tight ss Shale w/ siltstone stingers				Lewis	3228'		
Huerfanito Bentonite		3766'		4025'	White, waxy chalky bentonite					Huerfanito Bentonite	3766'	
Chacra		4025'		4582'	Confiner city planarity of stone w/ dely any shale					Chacra	4025'	
Mesa Verde		4582'	- 4	4848'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale Light gry, med-fine gr ss, carb sh & coal					Mesa Verde	4582'	
Menefee		4848'		5262'	Med-dark gry, fine gr ss, carb sh & coal				:	Menefee	4848'	
Point Lookout		5262'		5630'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of			t of	Point Lookout	5262'		
Mancos		5630'		6484'	formation Dark gry carb sh					Mancos	5630'	
Callina		64041		5 2121	Lt gry to brn calc carb micae gluae silts & very fine gry gry ss w/				w/	0.11	C4041	
Gallup Greenhorn		6484' 7213'		7213' 7269'	irreg interbed sh Highly calc gry sh w/ thin Imst					Gallup Greenhorn	6484' 7213'	
Graneros		7269'		7321'	Dk gry shale, fossil & carb w/ pyrite incl					Graneros	7269'	
Dakota		7321'		7502'	Lt to dark gr		alc sl sitty ss v Y shale break	v/ pyrite incl thin sh ba s	nds	Dakota	7321'	
Morrison					Interbed grn, brn & red waxy sh & fine to coard grn ss					Morrison	0	
32 Additional re	emarks (in	iclude plu	gging proc	•	anco Mesav	erđe, Basin	Dakota & 1	Basin Mancos trin	ingle well unde	r DHC4493.		
									_			
33. Indicate whi	ch items h	nave been	attached by	y placing a che	k in the app	ropriate boxe	es					
X Electrical/Mechanical Logs (1 full set req'd.)					Geologic Report DS			ST Report	F Report Directional Survey			
Sundry Notice for plugging and cement verification					Core Analysis Othe			ther	я			
34 I hereby cert	ify that the	e foregoin	g and attac	ched informatio	n'is complete	and correct	as determin	ed from all availabl	e records (see at	tached instructions)*		
Name (p	olease pru	nt)		Mar	ie E Jaramil	6//		Title		Staff Regulatory Tech		
Signature					1/2	Date 4 1917						
Signatui	•		111/	V// //	$+\mu$ ν					11-6116		

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

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