Form 3160-4 (August 2007)													•		
(August 2007)					D STATES		M	ĽΥ	10 2010		FORM APPR	.ovei)		
		DEPA BUREA		OMB No. 1004-0137 Expires: July 31, 2010											
		WELL C	OMPLETIO	N OR REC	OMPLETION	ON REPO	RT-AND I	ÔĞ	on Field Office	5. Lease Serial No.		_			
							، ناديا ن		and Manegom	، از 	SF-0805	511			
la. Type of Well b. Type of Completion:		Oil Well New Well	X Gas Well Work Ov	===	Ory Deepen	Other Plug Bac	ık ∏Di	ff Re	l l	6. If Indian, Allotte	e or Tribe Name				
b. Type of Completion.			☐ work ov	· .	Эсеры п	L 1 lug Da	·* L12	11. 1(6.		7. Unit or CA Agr					
2. Name of Operator		Other:					 -			Reson 8. Lease Name and		ras	%) —		
		Burlingt	on Resour				- 7.1			Harrington #9N ^{eq}					
3. Address PO Box 4289, Farmington, NM 87499 3. Phone No. (include area code) (505) 326-9700 4. Location of Well (Report location clearly and in accordance with Federal requirements)*											30-039-31140 -0061				
4. Location of Well (Repo	rt location clearly and in	accordance wi	th Federal requi	ements)*						10. Field and Pool	or Exploratory Basin Da	kot	a		
At surface Unit J (NWSE), 1600' FSL & 1786' FEL 11. Sec., T., R., M., on Block and Survey o SURFACE & BH: SEC: 31, T27N															
At top prod. Interval r	eported below			Unit	I, (NESE)	, 1455' FS	SL & 907'	FE	L	12. County or Par	ish		13. State		
At total depth				(NESE),	1455' FSL		EL				Arriba		New Mexico		
14. Date Spudded 12/	26/2012	15. Date	T.D. Reached 1/26/2013	3	16. Date Cor	mpleted D & A	X Ready t	o Prod	GRS 4/30/2013	17. Elevations (D)	F, RKB, RT, GL) 5745' GL; 5		КВ		
18. Total Depth:	MD	6940) [19. PI	ug Back T.D.:	1	MD	6909'	20	Depth Bridge Plug Set:	<u></u>	MD				
	TVD	6771				TVD	6740'	-	2. Was well cored?	TVD					
21. Type Electric & Oth	er Mechanicai Logs Kun		R/CCL/CBL					122	Was DST run?	X No Yes (Submit analysis) X No Yes (Submit report)					
									Directional Survey?			X Ye	s (Submit copy)		
23. Casing and Liner Red	Record (Report all strings set in well) Size/Grade Wt. (#/Rt.) Top (MD) Bottom (MD) Stage Cementer								No. of Sks. &	Slurry Vol.	Cement top	.	Amount Pulled		
12 1/4"	Size/Grade 9 5/8" / H-40	Wt. (#/ft.)	Top (wh			29' De		Type of Cement 127 sx Premium Lite		(BBL)	Surface		1/4 bbl		
8 3/4"	7" / J -55	23#	0		4211'		/a		53 sx Premium Lite	199 bbls	Surface	_	64 bbls		
6 1/4"	4 1/2" / L-80	11.6#	0	0 693		n/a		213 s x Premium Lite		77 bbls	3200'	_	n/a		
			 -							RCVD MAY 15'13					
										UIL	CONS. D	114			
24. Tubing Record Size	Depth Set (MD)	Pacl	cer Depth (MD)	Depth (MD) Size Depth Set (MD) Packer Depth (MD)						Size	PICT O	(a)	Packer Depth (MD)		
2 3/8", 4.7#, L-80	6807 [†]	Paci	n/a	312	<u> </u>	epin ser (ms	<u>'</u>		acker Departiviny		Department	35)	Tacket Depair (MD)		
25. Producing Intervals						Perforation Re									
	Formation			Top Bottom Perforated Interval					rval	.34"	No. Holes		Perf. Status		
A) B)	Dakota Dakota		6728'	6818' 6878' 2 spf 6728' 6826' 1 spf						.34"	22		open open		
C)	Danota		0720												
D) .	Total MV Perfs										58				
27. Acid, Fracture, Trea	tment, Cement Squeeze, o Depth Interval	etc.	Τ					Amo	ount and Type of Material	. –	·				
	6728' - 6878'		Acid - 10 b	bls 15% H	CL; Frac -	131,600 ga	170 Q N2		foam w/41,067# 20/40	Brown sand &	& 2,172,000 sc	f N2			
			<u> </u>										 		
			╂												
28. Production - Interva							,								
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API		Gas Gravity	Production	Method				
4/30/13 GRS	5/3/2013	1hr.		1 bph	11 mefh	1 bwph									
Choke	Tbg. Press.		24 Hr.	Oil	Gas	Water	Gas/Oil		Well Status						
Size	Flwg.	Press.	Rate	BBL	MCF	BBL	Ratio			SI waiting	g on ND C104				
1/2" 28a. Production - Interv	SI-1145 psi	958 psi		23 bopd	254 mcfd	25 bwpd	<u> </u>		1	·					
Date First	Test Date	Hours	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						
Size	Flwg. SI	Press.	Rate	BBL	MCF	BBL	Ratio								

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

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MAY 1 3 2013

FARMINGTON FIELD OFFICE BY William Tambekou

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28b. Production - Interval C															
Date First Test Date			Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method					
Produced	1	- {	Tested	Production	BBL MCF BBL		BBL	Corr. API	Gravity	ł					
	ļ .								1	,					
Choke	Tbg. Press.		Csg.	24 Hr.	Oil	Gas	Water	Gas/Oil	Well State	115					
Size			_	Rate	BBL	MCF	BBL	Ratio							
	SI			DATE SEEM	1 1 1										
	<u> </u>			NATIONAL PROPERTY.											
28c. Production											· · · · · · · · · · · · · · · · · · ·				
Date First	Test Date		Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method					
Produced	1 .		Tested	Production	. BBL	MCF	BBL	Соп. АРІ	Gravity	1					
3 34	1, .		,	TERROL F		1		ľ		\					
Choke	Tbg. Press.		Csg.	24 Hr.	Oil	Gas	Water	Gas/Oil	Well Status						
Size	Flwg.		Press.	Rate	BBL	MCF	BBL	Ratio]						
* A SI			TARREST NO.	1	1		Į.								
29. Disposition	29. Disposition of Gas (Solid, used for fuel, vented, etc.)														
							mo ni	T COX D							
30. Summary of	£D 7	/T1		C>.			TOBE	ESOLD	121 Form	nation (Log) Markers	·				
50. Summary of	I Porous Zor	ies (inci	ude Aquii	iers):					. 51, Folia	ation (Log) warkers	•				
Show all imp	ortant zones	of poro	sity and c	ontents thereof: (Cored interv	als and all d	rill-stem tes	it.	İ						
•		•	-	d, time tool open	•			•	}						
recoveries.		,			J	•									
									}						
								<u> </u>			·•				
	-		[_					İ		Тор				
Formatio	on	Top	1	Bottom	Descriptions, Contents, etc.					Name Meas. Dep					
Ojo Alan		1424		1594'			hite, cr-gr			Ojo Alamo	1424'				
Kirltan		1594	1	2023'	Grus				.	Kirltand	1594'				
Kiritan	" }	1324		2023	DK gry-g	gry caro sn	, coai, gm	t, gry, fine-gr ss suts, ugnt-mea	gry,	Kirtand	1374				
Fruitlan	ıd	2023	'	2309'		_	ht, fine gr		l l	Fruitland	2023'				
Pictured C	liffs	2309		2493'			, fine grn,	-	ł	Pictured Cliffs	2309'				
Lewis		2493		3396'	ı		// siltstone	-		Lewis	2493'				
Huerfanito Be	entonite	2836	' (n/a	' !		axy chalky		{	Huerfanito Bentonite	2836'				
C1		2066	, 1	10001	Gry fn g	gm silty, gl		sd stone w/ drk	gry	CI	22661				
Chacra	l.	3266		4002'	shale					Chacra Mesa Verde	3266' 4002'				
Mesa Ve	,	4002	1	4019'	Light gry, med-fine gr ss, carb sh & coal						1				
Menefe	ee]	4019	"	4660'	Med-dark gry, fine gr ss, carb sh & coal					Menefee	4019'				
D 1 (T)	1	4000	,	50611	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation					Daint Lagland	46601				
Point Look		4660	- 1	5061'			r part ot 10 rk gry carb		1	Point Lookout . Mancos	4660' 5061'				
Manco	is]	5061	·	5798'	Lt grv t	Da to brn calc	carb micae	o sii. e gluae silts & v	verv	Maricos	3001				
Gallur	, [5798	3'	6612'				, interbed sh.		Gallup	5798'				
Greenho		6612		6669'	Highly calc gry sh w/ thin Imst.					Greenhorn	6612'				
Granero	L	6669		6725'	Dk gry shale, fossil & carb w/ pyrite incl.					Graneros	6669'				
D.1.	-	670	., [Delega	(725)				
Dakota		6725).]		incl thin sh bands cly Y shale breaks interbed grn, brn & red waxy sh & fine to coard grn				d d	Dakota Morrison	6725'				
Morriso 32. Additional		luda alı	Lacina pro	voadura):	nterbea gr	n, om & re	a waxy sii	& file to coart	u giii a	Monison	<u> </u>				
32. Additional	remarks (inc				M	.J. 0 D	aain Da	Iroto comm	aingle well	undon DEI C2722 A 7					
			I DIS IS	за влапсо г	nesavei	rue & B	asın Da	ikota comii	iinigie wen	under DHC3732AZ					
										•					
					•										
33. Indicate wl	hich items ha	ve been	attached	by placing a chec	k in the appi	ropriate box	es:								
						-		-							
X Electrica	al/Mechanica	l Logs (1 full set i	req'd.)		Geo	logic Repor	t [DST Report	Directional Sur	vey				
-						<u> </u>		r	٦.,						
Sundry 1	Notice for pla	ugging a	ind cemen	it verification		☐ Cor	e Analysis	L	Other:						
24 Thombre on	arifer that the	Canada	no and at	tasked informatio	n is somplet	a and corre	ot on determ	ined from all ava	ilable records (se	e attached instructions)*					
54. I nereby ce	anny mat me	iorego:	mg and at	шопеч шиоппа(10	r re combiei	o and corre	or as acterist	ou nom an ava	records (Se	- mached mandemons).					
Name	(please prin	ıt)		Pat	sy Clugst	ton	1	Title		Staff Regulatory Tech	· •				
1.0110	u	_	-	1/ -/#	/ //	(V	, -								
Signat	ture			Talsex	We	5 X		Date -		5/10/2013	··				
Title 18 U.S.C.	Section 100) (and T	itle 43 II	S.C. Section:121	2. make it a	crime for an	v person kn	owingly and will	fully to make to a	any department or agency of the Unit	ed States anv				
				presentations as t											

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

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MAY 10 2013

Form 3160-4 (August 2007)

(August 2007)				UNITE	ED STATES	S	F	-en	mingten Field ()Mice	FORM APPRO	OVED			
					OF THE I		`	じば、	ಚರ್ ೭೭ನರ ಬಿಡಗು	gemen.	OMB No. 1004 Expires: July 31				
	•	WELL C	OMPLETIO				5. Lease Serial No.								
											SF-0805	11			
1a. Type of Wellb. Type of Completion		Oil Well New Well	X Gas Well Work Ov		Dry Deepen	Other Plug Ba	nck 🗆 I	Diff. R	esvr.	If Indian, Allottee	or Tribe Name				
Other:											7. Unit or CA Agreement Name and No. Report To Lease				
Name of Operator		Other:								Report 8. Lease Name and	Well No.	20.50			
·		Burlingt	on Resour	ces Oil &	Gas Con	pany					Harrington	n #9N			
3. Address	O Box 4289, Farmin	gton, NM 8	7499		Ba. Phone No. (include area d	9. API Well No. 30-039-31140 — 606 2								
	oort location clearly and in			rements)*				10. Field and Pool or Exploratory Blanco Mesaverde							
At surface Unit J (NWSE), 1600' FSL & 1786' FEL										11. Sec., T., R., M.	, on Block and Su				
At top prod. Interval	reported below			Uni	t I, (NESE)	, 1455' F	SL & 907	7' FE	EL	12. County or Paris	13. State				
At total depth			Unit I	(NESE),	1455' FSL	& 907' F	EL			Rio A	rriba	New Mexico			
14. Date Spudded		15. Date	T.D. Reached		16. Date Co	-			GRS	17. Elevations (DF					
	·/26/2012 		1/26/201			D&A	X Ready				5745' GL; 57	60' KB			
18. Total Depth:	MD TVD	6940 6771	1	lug Back T.D.		MD TVD	6909' 6740'		20. Depth Bridge Plug Set:		MD TVD				
21. Type Electric & Ot	her Mechanical Logs Run		•					2	22. Was well cored?		X No	Yes (Submit analysis)			
		GR	R/CCL/CBL						Was DST run? Directional Survey?		X No X	Yes (Submit report) Yes (Submit copy)			
23. Casing and Liner R	ecord (Report all strings se	t in well)			 				Directional du vey:		1110 10	Tes (Guotant copy)			
Hole Size	Size/Grade	Wt. (#/ft.)	Top (MI	D) B	ottom (MD)	_	Cementer epth		No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement top*	Amount Pulled			
12 1/4"	9 5/8" / H-40	32.3#	0						127 sx Premium Lite	35 bbls	Surface	1/4 bbl			
6 1/4"	7" / J-55 4 1/2" / L-80	23# 11.6#	0		4211' 6931'		1/a 1/a		553 sx Premium Lite 213 s x Premium Lite	199 bbls 77 bbls	Surface 3200'	64 bbls n/a			
3171	1272 72500	11.0%									MOV 15				
										1 11 11 4 5	CONS. D	after these.			
24 Tubing Pagerd											भंडा ३	# 1 B			
24. Tubing Record Size	Depth Set (MD)	Pack	er Depth (MD)	Siz	e E	Pepth Set (MIX)) T		Packer Depth (MD)	Size	Depth Set (MI	D) Packer Depth (MD)			
2 3/8", 4.7#, L-80	6807'		n/a	1											
25. Producing Intervals			70			Perforation Re	ecord Perfora	4 - d T - 4		Ci	No. ITeles	De-F Chat-			
A)	Formation Pt. Lookout		Top 4664'	Botte 497				spf	ervai	Size	No. Holes	Perf. Status open			
B)	Menefee		4396'	461				spf		.34"	25	open			
C)															
D)	Total MV Perfs		<u> </u>							<u> </u>	50				
27. Acid, Fracture, Tre	eatment, Cement Squeeze, o Depth Interval	SIC.	1					Am	nount and Type of Material						
	4664' - 4972'		Acid - 10 b	bls 15% H	CL; Frac -	123,774 ga	10 Brown sand	& 1,222,900 sc	ef N2						
	4396' - 4610'		Acid - 10 h	Acid - 10 bbls 15% HCL; Frac - 78,260 gal 70 Q Slickfoam w/49,225# 20/40 Bro							800 scf N2				
			- -												
28. Production - Interv	al A														
Date First	Test Date		l'est	Oil	Gas MCF	Water BBL	Oil Gravity Corr. API		Gas Gravity	Production M	lethod				
Produced	}	1	Production	BBL	1	ł	Cost. API		Gravity	}					
4/30/13 GRS Choke	5/3/2013 Tbg. Press.	1hr. Csg.	24 Hr.	2 bph Oil	Gas meth	1 bwph Water	Gas/Oil	<u> </u>	Well Status			<u> </u>			
Size	Flwg.		Rate	BBI,	MCF	BBL	Ratio			SI waiting	on ND C104	٠			
1/2"	SI-1145 psi	958 psi		51 bopd	760 mcfd	25 bwpd	<u> </u>								
28a. Production - Inter Date First	Test Date	Hours	Test	loit	Gas	Water	Oil Gravity		Gas	Production N	fethod				
Produced	2 (3) 17(11)	1 1	Production	BBL	MCF	BBL	Corr. API		Gravity	1 routenout N					
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas/Oil		Well Status						
Size	Flwg.		Rate	BBL	MCF	BBL	Ratio								
*(See instructions and	spaces for additional data of	n page 2)		<u></u>		L	Ь								
1	,														

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FARMINGTON FIELD OFFICE
BY William Tambekou

28b. Productio											**		
1 1		Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method				
Produced		Tested	Production	BBL	MCF	BBL	Corr. API	Gravity					
	1		1	DE ROMAN	[1							
Choke	Tbg. Pres	s.	Csg.	24 Hr.	Oil	Gas	Water	Gas/Oil	Well Status				
Size	, , , , , , , , , , , , , , , , , , , ,		Press.	Rate	BBL	MCF	BBL	Ratio					
	SI				Ì								
28c. Productio	- Interval	<u> </u>	1										
Date First	Test Date		Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method			
Produced	Tost Bill	•	Tested	Production	BBL	MCF	BBL	Corr. API	Gravity	1100001011111011001			
	1					-		1	1		•		
1 13.46	1, 0												
Choke	Tbg. Pres	s.	Csg.	24 Hr.	Oil	Gas	Water	Gas/Oil	Well Status				
Size	Size Flwg. Press.		Rate	BBL MCF BBL			Ratio	İ					
8	ļ	Tennish America	1			1							
29. Disposition	n of Gas (So	lid, used	for fuel, v	ented, etc.)			!			- · · · · · · · · · · · · · · · · · · ·			
-	•												
30. Summary o	of Porové 7	nes (Inc	Inde Amit	ère).			TOBE	SOLD	31 Formati	on (Log) Markers			
JV. Summary	OI FOIOUS ZA	mes (me	mae Aqmi	cis <i>j</i> .					Ji. Politian	on (Log) warkers			
Show all im	portant zone	s of pore	sity and co	ontents thereof:	Cored interv	als and all d	rill-stem tes	t,	1	•	*		
	~	_	-	d, time tool open					I				
recoveries.													
	· ·										Tor		
. Formati	ion	Тор	İ	Bottom		Descrin	tions, Conte	nts etc	1	Name	Тор		
1 Ormeth		10р	1	20.0011		Descrip	, 001110		_L		Meas. Depth		
Ojo Ala	mo	1424	ľ	1594'			/hite, cr-gr			Ojo Alamo	1424'		
Kirltan	nd	1594	r	2023'	Gry s	h interbed	ded w/tight	, gry, fine-gr ss.	,	Kirltand 159			
Fruitlar	nd	2023	.	2309'	DK gry-g		, coar, grirs tht, fine gr		' [,]	Fruitland	2023'		
Pictured (•	2309	1	2493'		_	, fine grn, t			Pictured Cliffs	2309'		
Lewis		2493		3396'			/ siltstone	•	ļ	Lewis	2493'		
Huerfanito B	· .	2836	1	n/a			axy chalky	_	I	Iuerfanito Bentonite	2836'		
	Tadoriamo Bomonto		•	Gry fn g			d stone w/ drk gry	, [
 Chacr 	· Chacra 3266'		ś'	4002'			shale		1	Chacra	3266'		
Mesa Ve	Mesa Verde 4002'		2'	4019'	Ligh	nt gry, med	l-fine gr ss,	carb sh & coal		Mesa Verde	4002'		
Menef	ree .	4019)'	4660'	Med	d-dark gry,	fine gr ss,	carb sh & coal	Ì	Menefee	4019'		
			1		Med-light			// frequent sh brea	iks				
Point Loc		4660		5061'			r part of fo		ł .	Point Lookout	4660'		
Manco	os	506	¹ '	5798'	I t one		rk gry carb	sh. gluac silts & very	,	Mancos	5061'		
Gallu	ın İ	579	21	6612'				interbed sh.	′ l	Gallup	5798'		
Greenh	•	661		6669'			lc gry sh w			Greenhorn	6612'		
Graner	- 1	666		6725'					- [Graneros	6669'		
n	. 1	(=0	_,		Dk gry shale, fossil & carb w/ pyrite incl. Lt to dark gry ross carb si carc si sitty ss w/ pyrite				te	70.1			
Dakot	1	672:	P'		incl thin sh bands cly Y shale breaks nterbed grn, brn & red waxy sh & fine to coar				_ }	Dakota Morrison	6725'		
Morris 32. Additional		clude pl	laging pro	cedure):	nterbed gr	n, om & re	ed waxy sii	& fine to coard gr	111 8	MOITISON			
JZ, Additional	ii remarks (ii	-		=	Macayar	·da & R	acin Da	kota commin	ıale well m	nder DHC3732AZ			
			ц 1113 13	a Dianco I	i csavci	uc ec n	asin Da	Rota Commin	igic wen a	idei Ditesistra			
	•									•			
										•			
33. Indicate w	vhich items h	ave beer	attached I	by placing a chec	k in the appr	ropriate hov	es:						
JJ. Hidicale W	anon remail	0001	anaoneu I	, paronig a circo	appi	Opriace DOX	· .						
X Electrica	al/Mechanic	al Logs (1 full set r	eq'd.)		Geo	logic Report		OST Report	Directional	Survey		
П.,						П.		Г	s.1				
Sundry	Notice for p	lugging a	and cemen	verification		Core	e Analysis	· _ L	Other:				
34. I hereby co	ertify that th	e forego	ing and att	ached informatio	n is complet	e and correc	et as determin	ned from all availabl	le records (see at	tached instructions)*			
N	Galagga sui		1	O Pot	ov. Clugat			Tist-		Staff Regulatory Te	.ab		
Name	e (please pri	uy	1	/ rat	sy Clugst	ν <u>ιι.</u>		Title		Statt Regulatory Te	Cn.		
Signa	iture		1	Aldi	v ()	116	\checkmark	Date		5/10/2013	•		
Digita			/	/	1	"/ /	·		· · · · · · · · · · · · · · · · · · ·				
Title 18 II 9 C	Section 10	01 and 7	itle 43 II S	C Section 1011	makeita	crime for an	v nérom bno	winely and willfully	to make to any	department or agency of the U	Inited States any		
				resentations as to	-			and winitilly	to make to any	asparanone or agency of ale C	and Diarog any		
(Continued or											(Form 3160-4, page 2		
Communed 01	pαg∪J)										(x 01111 > 100-T, Page 2		