Form 3160-4 (August 2007)

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

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

											SF-0792	66			
la. Type of Well		Oil Well	X Gas We	11	Dry	O	ther	WARA	O C 2012	6. If Indian, Allottee	or Tribe Name				
b. Type of Completion	ı: X	New Well	Work O	ver 🔲	Deepen	Pl	ug Back	Diff: Res	Q6 <b>201</b> 3						
		0.1								7. Unit or CA Agre					
2.37		Other:					1 001	<del>anat</del>	en Field Office	8. Lease Name and		kase,			
2. Name of Operator		Desalinas	tan Dasani	O:1 (	e Coo C		. Bureau	of! a	and Managem	St.		223			
3. Address		Burning	on Resour	rees On a	3a. Phone N	ompan	grea code)			9. API Well No.	Vaughn 3	52N .			
	PO Box 4289, Farmi	noton, NM 8	87499		Ja. Thone IV	o. (memae	(505) 32	6-9700		J. All Well No.	30-039-30	1983 <b>- 00C/</b>			
	port location clearly and			iirements)*				-		10. Field and Pool or Exploratory					
VI I, D (OPPLIED A COAL PLAN A CARLOL PROPERTY OF A										Basin Dakota					
At surface Unit F (SENW), 1790' FNL & 1740' FWL,											11. Sec., T., R., M., on Block and Survey o SURFACE: SEC: 29, T26N, R6W				
										l ser	FACE. SEC	. 25, 120N, ROW			
At top prod. Interval reported below Same as above										12. County or Parish 13. State					
11.				~						n:		Non Maria			
At total depth  14. Date Spudded		lis Data	T.D. Reached	Sa	me as abo	ve Completed				Rio Arriba New Mexico 17. Elevations (DF, RKB, RT, GL)*					
•	/15/2013	13. Date	2/9/201	3	10. Date	D&A	X Rea	dy to Prod	4/18/2013		6764' GL; 6'				
18. Total Depth:	MD	7607		lug Back T.D	 \:	MD	7574'		Depth Bridge Plug Set:		MD				
	TVD					TVD					TVD				
21. Type Electric & O	ther Mechanical Logs Run	(Submit copy of	of each)					22.	Was well cored?		X No	Yes (Submit analysis)			
		GI	R/CCL/CBL						Was DST run?		X No	Yes (Submit report)			
									Directional Survey?		No X	Yes (Submit copy)			
23. Casing and Liner F	Record (Report all strings s	set in well)		,											
Hole Size	Size/Grade	Wt,'(#/ft.)	Top (M	D)   E	Bottom (MD)	St	age Cementer		No. of Sks. &	Slurry Vol. (BBL)	Cement top*	Amount Pulled			
12 1/4"	9 5/8" / H-40	32.3#	0		230'		Depth n/a	<del> </del> -	Type of Cement 76sx-Pre-mix	22bbls	Surface	5 bbls			
8 3/4"	7" / J-55	20# / 23#			4720'		n/a	76	5 sx Premium Lite	277 bbls	Surface	100 bbls			
6 1/4"	4 1/2" / L-80	11.6#	0		7596'		n/a 218 sx Premiuim Lite			79 bbls	79 bbls 3230'				
	ļ	<u> </u>								RCVD MAY 9'13					
		<del></del>				-		<del> </del>	· · · · · · · · · · · · · · · · · · ·	<u> </u>					
24. Tubing Record	L	<u> </u>			7		<del></del>				<del>" \\\\\\</del>	3			
Size	Depth Set (MD)	Pack	er Depth (MD)	Siz	ze	Depth Set	(MD)	P	acker Depth (MD)	Size	Depth Set (MI	Packer Depth (MD)			
2 3/8", 4.7#, J-55	<del></del>		n/a	_		- A .:									
25. Producing Intervals	Formation .		Top	Bott		Perforation		rated Inter	val	Size	No. Holes	Perf. Status			
A)	Dakota		7455'	745			2SPF		.34"	2	Covered w/BP				
B)	Dakota		7335'	7335' 7340' 5 SPF						.40"	60	open			
C)	Total		<u> </u>							<del> </del>	62				
D) 27 Acid Freeture Tr	eatment, Cement Squeeze,	etc								<del></del>					
Z7. Acid, Placidic, 11	Depth Interval	CIC.	T					_ Amou	nt and Type of Material						
		· · · · · · · · · · · · · · · · · · ·	Acidized v	v/10 bbls 1	5% HCL;	Frac'd v	v/11,886 gal	25# X-1	ink pre-pad, 79,590 g	al 25# 70% X-li	nk N2 foam v	v/309,988 # 20/40			
	7335' - 7455'		Brady San	id and 4,97	7,100 scf I	N2.									
			<del> </del> -												
28. Production - Interv	Δ Ια										~				
Date First	Test Date	Hours	Test	Oil	Gas	Water	Oil Gravi	у	Gas	Production M	lethod	<del></del>			
Produced		1	Production	BBL	MCF	BBL	Corr. AP		Gravity	l					
	Unable to test	1	- 15 A	Ì		•									
Choke	Tbg. Press.	1hr. Csg.	24 Hr.	Oil	Gas	Water	Gas/Oil		Well Status						
Size	Flwg.	1 - 1	Rate	BBL	MCF	BBL	Ratio			5	SI				
	_	SI		]		1			Not able to	test. Will show		ates with first			
1/2"	S1-893 psi	954 psi		<u> </u>	L	Ш				delivery	report.				
28a. Production - Inte Date First	Test Date	Hours	Test	Oil	Gas	Water	Oil Gravi	tv	Gas	Production M	lethod				
Produced	1		Production	BBL	MCF	BBL	Corr. AP	-	Gravity						
				1		1			•						
Chalco	The Press			03	Gon	Water	Gas/Oil		Well Status						
Choke Size	Tbg. Press. Flwg.		24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Ratio		rr on Status						
	SI				1										

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FARMINGTON FIELD OFFICE BY\_IAILCLIAM\_Tambeton

28b. Production	- Interval	c						<del>·</del>	<del></del>	<del></del>			
Date First Test Date Produced			Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method			
								)					
Choke	Tbg. Pres	ss.	Csg.	24 Hr.	Oil	Gas	Water	Gas/Oil	Well Status				
Size	Flwg. SI		Press.	Rate	BBL	MCF	BBL	Ratio					
28c. Production	ı - Interval	D	<u> </u>	1									
Date First	Test Date		Hours	Test	Oil Gas Water Oil Gravity Gas			1	Production Method				
Produced			Tested	Production	BBL	BL MCF BBL Corr. API Grav			Gravity				
I ' I'			Csg.	24 Hr.	Oil	Gas							
			Press.	Rate	BBL	MCF	BBL	Ratio	1				
29. Disposition	of Gas (So	olid, used	for fuel, v	ented, etc.)		!			<u> </u>				
							то вя	SOLD			•		
30. Summary of	f Porous Z	ones (Inc	lude Aquif	ers):					31. Formati	on (Log) Markers			
_		-	-	ontents thereof: (d, time tool open				<b>t,</b>					
Formatio		Тор		Bottom		Dacorin	otions, Conte	inte etc		Name	Тор		
					•						Meas. Depth		
Ojo Alan Kirltano	Ojo Alamo 2334' 2456 Kirltand 2456' 2723				Grv s		Vhite, cr-gr ded w/tíght	ss t, gry, fine-gr ss sitts, tignt-med g	.	Ojo Alamo 2334 Kirltand 2456			
Fruitlan					υκ grý-į		i, coai, gřii s ght, fine gr		gry,	Fruitland 27			
Pictured C		2967		2967' 3037'	ļ	-	y, fine grn,			Pictured Cliffs	2967'		
Lewis	,	3037		3396'			v/ siltstone axy chalky	_		Lewis 3037' Huerfanito Bentonite 3352'			
Huerfanito Bentonite 3352			n/a	Gry fn			bentonite sd stone w/ drk g		Huerianito Bentonite	3352			
Chacra Mesa Ver		3812' 4586' shale de 4586' 4605' Light gry, med-fine gr ss, carb sh &				carb sh & coal		Chacra Mesa Verde	3812' 4586'				
Menefe		4605	l l	5200'	Med-dark gry, fine gr ss, carb sh & coal  Med-light gry, very fine gr ss w/ frequent sh breaks				reaks	Menefee	4605'		
Point Lookout 520				5625'		in lowe	er part of fo	rmation		Point Lookout	5200'		
	Mancos 5625' 62			6270'		to brn calc		e gluac silts & v	ery	Mancos	5625'		
Gallup		6270		7125'	fĩ		ss w/ irreg lc gry sh w	interbed sh.		Gallup	6270'		
Greenho Granero		712: 718		7187' 7243'	Dk			b w/ pyrite incl. sı sıtıy ss w/ py		Greenhorn Graneros	7125' 7187'		
Dakota	,	724:	3,					: si sittý ss w/ py ' shale breaks	угие	Dakota	7243'		
Morriso	on				1		-	& fine to coard	grns	Morrison	/213		
32. Additional	remarks (i	nclude pl			Mesav	erde &	Basin D	akota comi	mingle well	under DHC3592.			
			L IIIS	is a Dianeo	IIICSAV	ciuc cc	Dasin D	akota com	iningle wen	under Directory.			
							•						
Note: U	Jnable	to sell	gas th							t delivery will be afte	r facilities are set.		
				BR will	report	the test	volume	s with the t	irst delivery	report.			
33. Indicate wh	hich items	have beer	attached	by placing a chec	k in the app	ropriate box	ces;						
X Electrica	al/Mechani	cal Logs (	[1 full set r	req'd.)		· Geo	ologic Repor	t [	DST Report	Directional Su	rvey		
Sundry N	Notice for p	plugging a	and cemen	t verification		Cor	re Analysis		Other:				
34. I hereby ce	ertify that th	he forego	ing and att	ached informatio	n is comple	te and corre	ct as determ	ined from all avail	lable records (see a	attached instructions)*			
Name	(please pr	int)	+ #	Pat	sy Clugs	ton	· <u></u>	Title	<del>_</del>	Staff Regulatory Tech	<u>.                                    </u>		
Signat	ture	<u>.</u>	J.	Atey (	lu			Date		5/3/2013			
				S.C. Section 1212 presentations as t	•			owingly and willfi	ully to make to any	department or agency of the Uni	ted States any		
(Continued on	n page 3)										(Form 3160-4, page 2		

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

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

		AAEEE	COMPLETI	ON OK K	ECOM	PLEII	ON REPO	T ANL	VALA	06 2013	5. Lease Serial I	SF-079	9266	<u>.</u>	
1a. Type of Well		Oil Well	X Gas W	eli	Dry		Other		7 11			ttee or Tribe Name			
b. Type of Completion	. X	New Well	Work C	Over	Deepen	ı	Plug Bad	ck 🔲	Diff. Resvi	on Field Offic	7 11:3 04				
		Other:						Fan	wwindr	and Manage	ner 2 a	rgreement Name	Le.a	10. . (	
2. Name of Operator		Cuit.	-=	·	<del></del>		Ţ	Juica	<del>u ct L</del>	2111111121103	8. Lease Name			٠٠٠)	
•		Burling	gton Resou	rces Oil	& Gas	s Com	pany		•		/	Vaughn 32N			
3. Address							include area c	•	0500		9. API Well No.				
	PO Box 4289, Farm			uirements)*	Ц			505) 326-	-9700		10. Field and Po	ol or Exploratory	30983	-00CZ	
,,	,		-	ŕ			_					Blanco Me			
At surface			Unit F (	SENW), 1	1790' FN	VL & 1	740' FWL	,				M., on Block and JRFACE: SE			
											3,	M'ACE, SE	C. 2)	, 12011, ROTT	
At top prod. Interval reported below Same as above											12. County or Parish 13. State			13. State	
At total depth				ş	Same as	ahove				**	Rio Arriba New Mex			New Mexico	
14. Date Spudded	<del></del>	15. Da	te T.D. Reached			Date Con	npleted			<del></del>		DF, RKB, RT, GL			
	/15/2013		2/9/201			<u> </u>	D & A	X Ready		4/18/2013	L	6764' GL;	6779'	KB	
18. Total Depth:	MD TVD	760	19.	Plug Back T.	.D.:		MD CVD	7574'	20. I	Depth Bridge Plug Set:		MD TVD			
21. Type Electric & O	ther Mechanical Logs Rus	(Submit copy	of each)		<del></del>				22.	Was well cored?		X No		s (Submit analysis)	
••	<b>5</b>		R/CCL/CBI	,						Was DST run?		X No	===	s (Submit report)	
										Directional Survey?			X Ye	s (Submit copy)	
23. Casing and Liner R	ecord (Report all strings	set in well)													
Hole Size	Size/Grade	Wt. (#/ft	.) Top (M	(D)	Bottom (I	MD)	Stage Co			No. of Sks. & Type of Cement	Slurry Vol (BBL)	Cement to	p*	Amount Pulled	
12 1/4"	9 5/8" / H-40	32.3#			230'		n/			76sx-Pre-mix	22bbls	Surfac	e	5 bbls	
8 3/4"	7" / J-55	20# / 23			4720		n/			sx Premium Lite	277 bbl			100 bbls	
6 1/4"	4 1/2" / L-80	11.6#	<del>-   0</del>		7596			' <u>a</u>	218	sx Premiuim Lite	79 bbls	n/a 12			
24 Tubing Bassel	L	<u> </u>	L	L_			1	1				IIL CUNS	. U		
24. Tubing Record Size	Depth Set (MD)	Pac	ker Depth (MD)	T 3	Size	De	epth Set (MD)		Pacl	cer Depth (MD)	Size	Deplace of	MD)	Packer Depth (MD)	
2 3/8", 4.7#,J-55	7333'		n/a												
25. Producing Intervals	Formation		Тор	1 B	ottom	26. P	erforation Rec		ited Interval		Size	No. Holes	т—	Perf. Status	
A)	Pt. Lookout		5121'		564'		1 SPF				.34"	25		open	
B)											<del> </del>	<del> </del>	<b>├</b>		
<u>C)</u> D)						┼┈					<del> </del>	<del> </del>	<del>  -</del> -		
	eatment, Cement Squeeze	etc.									<del>'</del>				
	Depth Interval	<del></del>	A = 1.01 = 1.0	/10 bble	150/ TI	CI . 17.	and w/42	242 001 7		and Type of Material	1 677 000 and	N2 P. 140 755	4 20/4	A Producend	
	5212' - 5564'		Acidized	W/10 DDIS	15% H	UL; Fr	ac a w/42,	242 gai /	U76 SHCR	water N2 foam w/l	1,0 / /,000 SCI	NZ & 140,755	¥ 20/4	o brady sand	
	3212 - 3304		<del> </del>			-								<del></del>	
20 7 1 2 7															
28. Production - Interv Date First	Test Date	Hours	Test	Oil	Gas		Water	Oil Gravity	G	as	Productio	Method		<del></del>	
Produced		Tested	Production	BBL	MCF	[1	BBL	Corr. API	G	ravity					
SI	No Test	1hr.		1		- 1			1		l				
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas			Gas/Oil	N	/ell Status					
Size	Flwg.	Press.	Rate	BBL	MCF	[1	BBL	Ratio	i i	Unable to get a ge	and test on th	SI Sewall Willr	anort	production with	
1/2"	SI-893 psi	954 psi				}	_		}	onable to get a ge		divery Report		production with	
28a, Production - Inte			12.	Tak	Ta			07.0			T.				
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF			Oil Gravity Corr. API	1 -	as iravity	Productio	n Method			
	{	1	roduction	1		ł			٦						
Choke	The Prope	Can		Oil	Gas	∤	Water	Gas/Oil		Vell Status					
Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	BBL	MCF		BBL	Ratio	ľ	ion Status					
	SI			1					1						
*(See instructions and	spaces for additional data	on page 2)	<u> </u>					L		<del></del>					

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MAY 0 7 2013

William Tambekou

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28b. Production - Interval C													
Date First	Test Dat	e	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method			
Produced			Tested	Production	BBL	MCF	BBL	Corr. API	Gravity				
	1		1	<b>E T E E E E E E E E E E</b>	1	1	1		1				
Choka	The D		C-n		02	Cri	Water	Gas/Oil	Wall Creen	<u> </u>			
Choke Size	Tbg. Pre Flwg.	88.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Ratio	Well Status				
SIZE , FIWG.			Press.	Rate .	BBL	MCF	BBL	Kano			•		
	31			140 Table   140 Ta					1				
28c. Production	- Interval	D • ·	4 600										
Date First	Test Dat		Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method			
Produced	1	-	Tested	Production	BBL	MCF	BBL	Согт. АРІ	Gravity				
<u>.</u>			1	1 .			\				_		
*			1		-								
Choke	Tbg. Pre	SS.	Csg.	24 Hr.	Oil	Gas	Water	Gas/Oil	Well Status				
Size Flwg.			Press.	Rate	BBL	MCF	BBL	Ratio					
	SI						ļ		Ī				
<del></del>	<u> </u>		<u> </u>						<u> </u>				
29. Disposition	of Gas (S	olid, used	for fuel, v	ented, etc.)									
											•		
							TO BI	SOLD	Territoria de				
30. Summary of	f Porous 2	Cones (Inc	lude Aquif	fers):					31. Formation	on (Log) Markers			
-		-	-	ontents thereof:				t,	1				
including dep	oth interva	l tested, c	ushion use	d, time tool oper	, flowing an	d shut-in pre	essures and						
recoveries.													
							····		ļ				
			l l		l						Тор		
Formatio	n	Top	·	Bottom		Descrip	tions, Conte	ents, etc.		Name Meas. Depth			
					ļ				· <del> </del>	0:			
, ,			2334' 2456'				hite, cr-gr		Ĭ	Ojo Alamo	2334'		
Kirltand 24		2456'		2723'	Gry s	th interbed	ded w/tight	t, gry, fine-gr ss. sins, light-med gry,		Kirltand	2456'		
Fruitland 2723' 2967'				2967'	2 6.7		ht, fine gr		ļ	Fruitland	2723'		
Pictured Cliffs 2967'				3037'		_	, fine grn,		1	Pictured Cliffs	2967'		
Lewis 3037			3396'		•	/ siltstone	-		Lewis	3037'			
Huerfanito Bentonite 3352'			n/a	J		axy chalky	_	] .	Huerfanito Bentonite	3352'			
1 1				Gry fn		,	sd stone w/ drk gry	1 '	Identanito Dentonite	3332			
Chagra	Chacra 3812' 4586'				gili siity, gi	shale	su stone w dik giy	1	Chacra	3812'			
			4605'	Lie	at any mad		, carb sh & coal		Mesa Verde	4586'			
			i i		"	0	•						
Menefe	e	460	5'	5200'				carb sh & coal		Menefee	4605'		
	. 1	50001			Med-ligh			v/ frequent sh break	s				
Point Lool	kout	5200' 5625'		5625'			r part of fo			Point Lookout	5200'		
Manco	s			6270'	1		rk gry carb			Mancos	5625'		
o "		60.5	.	5105				gluac silts & very		0.11	60701		
Gallup	Í	627	I	7125'	11			interbed sh.		Gallup	6270'		
Greenho		712		7187'	l			/ thin Imst.		Greenhorn	7125'		
Granero	os	718	7'	7243'	Dk gry shale, fossil & carb w/ pyr			b w/ pyrite incl. : si sitty ss w/ pyrite	. 1	Graneros	7187'		
Dakota	, ]	724	3'					shale breaks	ļ	Dakota	7243'		
Morriso			~		1		-	& fine to coard grn	8	Morrison	,		
32. Additional		include n	ugging pro	cedure).	increed 8	ii, biii ce i	od waxy on	to coard gri	. 4	1.1011BOIL	<u> </u>		
32. Additional	Temarks (	merade pi	~~ ~.	•	N/1	d 0	Dasin D	alrata aammir	agla wall	under DUC2502			
			I nis	is a Bianco	Mesav	erae &	Basin D	ракота сошин	igie weii	under DHC3592.			
			_			_							
Note: U	Inable	to sell	l gas th	ru GRS. (	Gas neve	er reach	red P/L	acceptable lev	els. First	t delivery will be aft	ter facilities are set.		
				BR will	report	the test	volume	s with the firs	t delivery	report.			
									•	1			
33. Indicate wl	hich items	have bee	n attached	by placing a che	k in the app	ropriate box	es:						
					••	•							
X Electrical/Mechanical Logs (1 full set req'd.)  Geologic Report  DST Report  Directional Survey									Survey ·				
Sundry 1	Notice for	plugging	and cemen	t verification		Cor	e Analysis	☐ Ot	Other:				
		_											
34. I hereby ce	ertify that	the forego	ing and at	tached information	on is comple	te and corre	ct as determ	ined from all available	records (see a	ttached instructions)*			
•		3	-		•								
Name	(please p	rint)	r	Pa	tsy Clugs	ton		Title		Staff Regulatory Te	ch.		
				// ,		) 10							
Signat	ture			1nta	1 /		V	Date		5/3/2013			

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.