Form 3160	)-4
(August 20	007)

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

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

			BURE	AU OF LA	ND MAN	AGEMEN	T CC	B 12 2013			Expires: July	31, 20	10	
		WELL C	OMPLETIO	N OR REC	COMPLET	ION REPO		LOG	5.	Lease Serial No				
											NM-03	561		
1a. Type of Well		Oil Well	X Gas We		Dry	Other	Farmer	<del>ب مان، ، ، ،</del>	6.	If Indian, Allott	ee or Tribe Name	, ,		
<ul> <li>b. Type of Completion</li> </ul>	n: X	New Well	Work O	ver	Deepen	Plug Ba	1. <u> </u>	Diff. Resvr.,						
		Other;									reement Name			
2. Name of Operator	<del></del>								8	8. Lease Name and Well No.				
D. Hante er operator		Burli	ngton Resour	rces Oil &	Gas Compa	anv			0.	Dease I taine an	Grenier		•	
3. Address					3a. Phone No.	(include area			9.	API Well No.				
	O Box 4289, Farmin					(	505) 326-9	700				5111	-006 A	
4. Location of Well (Re	port location clearly and	in accordance	with Federal req	uirements)*					10.	Field and Pool	or Exploratory Basin Da	linto		
At surface			UNIT	K (NE/SW), 1	1280' FSL & 1	765' FWL			11	Sec., T., R., M	4., on Block and		,	
• •	•	· .						· · ·			SURFACE: SEC			
				_					-		BOTTOM: SEC	<u> </u>		
At top prod. Interva	I reported below			ı	UNIT L (NW/S	SW), 1279' FS	SL & 711' FV	/L	12	. County or Pa	rish		13. State	
At total depth			UN	IT L (NW/SV	V), 1279' FSL	& 711' FWL				Sar	ı Juan		New Mexico	
14. Date Spudded	· · · · · · · · · · · · · · · · · · ·	15. Dat	e T.D. Reached		16. Date Co						F, RKB, RT, GL	.)*		
	1/12/2012		12/7/2012			D & A	X Ready				5789' GL / 5	5804' 1	(В	
18. Total Depth:	MD	6966		lug Back T.D.		MD	6926'	20. Depth Bridge P	ug Set:		MD			
21 True Flantia & O	TVD	6776				TVD	6742'	22. Was well core			TVD	1.	(D. J	
21. Type Electric & O	ther Mechanical Logs Run		GR/CCL/CBL					Was DST run			X No X No	=	s (Submit analysis)	
	·	,	MUUL/UBL									_	s (Submit report) s (Submit copy)	
23 Casing and Liner R	ecord (Report all strings s	at in walls		· .				Directional Su	irvey?			<u> 1 1 c</u>	s (Submit copy)	
						Stage C	Cementer	No. of Sks. &		Slurry Vol.				
Hole Size	Size/Grade	Wt. (#/ft.	) Top (M	D) BC	ottom (MD)	De	epth	Type of Cemen		(BBL)	Cement top	)* 	Amount Pulled	
12 1/4"	9 5/8" / H-40	32.3#	0		231'		l/a	76sx-Pre-mix		22bbls	Surface	_	6bbls	
<u> </u>	7" / J-55 4 1/2" / L-80	23#	0		4242' 6948'		1/a 1/a	545sx-Premuim		196bbls 76bbls	Surface 1660'		70bbls n/a	
	4112 1 2:00		- ľ		0/40			Brook a reading i	<u>site</u>	100013				
24. Tubing Record Size	Depth Set (MD)	Pac	ker Depth (MD)	Siz		Depth Set (MD	0	Packer Depth (MD)	·····	Size	Depth Set (N	π) T	Packer Depth (MD)	
2 3/8", 4.7#, L-80	6783'	1 40	n/a		<u>-</u>		<u></u>	Tunner Depin (IID)			Depin Der (.)		, , ,	
25. Producing Intervals						Perforation Re				······				
	Formation		Top 6736'	Botto 682-		~	Perforate	d Interval PF		Size .34"	No. Holes 38		Perf. Status	
A) B)	Dakota Dakota		6826'	6854			25			.34"	12		open open	
C) D)	Total										50			
27. Acid, Fracture, Tre	atment, Cement Squeeze, Depth Interval	etc.	1					Amount and Type of Ma	terial					
			Acidize w/ 10	bbls of 15% I	HCL. Frac'd w	/ 38,346gal 7	0% Foam Sli	ckwater w/ 40,207# of 2	0/40 Arizon:	a sand. Total N	2:2,085,00080	ST	3	
	6736' - 6854'									601	<u>s.DN v</u>	19		
<u> </u>									(		<u> </u>			
								Amount and Type of Ma ckwater w/ 40,207# of 2			<u>_ 1920</u>	13		
28. Production - Interv				·						FE	A R			
Date First	Test Date						Oil Gravity Corr. API	Gas Gravity		Production I	Method			
Produced		Tested	Production	BBL	MCF	BBL	COIT. API	Giavity						
01/30/2013 GRC	2/6/2013	thr.		trace/boph	74/mcf/h	1/bwph	л/а	n/.	n		FLO	WING	3	
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas/Oil	Well Status					-	
Size	Flwg.	Press.	Rate	BBL	MCF	BBL	Ratio							
1/2"	SI-849psi	SI-1090psi		1/bopd	1782/mcf/d	30/ bwpd	n/a			SH	IUT IN			
28a. Production - Inte	rval B			<u> </u>				····						
Date First	Test Date	Hours	Test		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	Weil Status						
Size	Flwg.	Press.	Rate	BBL	MCF	BBL	Ratio							
•	SI ·				1	1		1						

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

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FEB 1 4 2013 FARMINGTON FIELD OFFICE BY\_William\_Tambekey\_

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28b. Product	ion - Interval C									
Date First	Test Date	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method	
Produces		Tested	Production	BBL	MCF	BBL	Corr. API	Gravity		
			Corressan (							
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas/Oil	Well Status		
Size	Flwg.	Press.	Rate	BBL	MCF	BBL	Ratio			
	SI									
28c. Product	ion - Interval D			_ I	l		- I		· · · · · · · · · · · · · · · · · · ·	
Date First	Test Date	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method	~~~
Produced		Tested	Production	BBL	MCF	BBL	Corr. API	Gravity		
-			(and the second							
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas/Oil	Well Statu	S	
Size	Flwg.	Press.	Rate	BBL	MCF	BBL	Ratio	1		
	SI							-		
20 Dispositi	on of Con (Salid 1	red for fuel	vantad ato )	h						

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

## TO BE SOLD 30. Summary of Porous Zones (Include Aquifers): 31. Formation (Log) Markers Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem test, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries. 31. Formation (Log) Markers

					Тор
Formation	Тор	Bottom	Descriptions, Contents, etc.	Name	Meas. Depth
Ojo Alamo	840'	1000'	White, cr-gr ss	Ojo Alamo	840'
Kirltand	1000'	1814'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirltand	1000'
Fruitland	1814'	2256'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	1814'
Pictured Cliffs	2256'	2445'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	2256'
Lewis	2445'	2445'	Shale w/ siltstone stingers	Lewis	2445'
Huerfanito Bentonite			White, waxy chalky bentonite	Huerfanito Bentonite	0
Chacra	3314'	3919'	Gry fn grn silty, glauconitic sd stône w/ drk gry shale	Chacra	3314'
Mesa Verde	3919'	4040'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	3919'
Menefee	4040' ·	4657'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4040'
Point Lookout	4657'	5058'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	4657'
Mancos	5058'	5852'	Dark gry carb sh.	Mancos	5058'
Gallup	5852'	6610'	Lt. gry to brn calc carb micae gluae silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	5852'
Greenhorn	6610' ·	6669'	Highly calc gry sh w/ thin Imst.	Greenhorn	- 6610' ·
Graneros	6669'	6734'	Dk gry shale, fossil & carb w/ pyrite incl. Lt to dark gry foss carb sl cale sl sitty ss w/ pyrite incl thin sh bands	Graneros	6669'
Dakota	6734'		cly Y shale breaks	Dakota	6734'
Morrison			Interbed grn, brn & red waxy sh & fine to coard grn ss	Morrison	

32. Additional remarks (include plugging procedure):

This is a Blanco Mesaverde & Basin Dakota commingle well under DHC3397AZ.

lectrical/Mechanical Logs (1 full se	t req'd.)	Geologic Report	DST Report	Directional Survey
undry Notice for plugging and ceme	ent verification	Core Analysis	Other:	
ereby certify that the foregoing and a	attached information is c	omplete and correct as determined	from all available records (se	e attached instructions)*
Name (please print)	Arleen	White	Title	Staff Regulatory Tech.

Form 3160-4 (August 2007)	•			RTMENI	ED STATE: OF THE I	NTERIOF			3 12 2010		FORM APP OMB No. 10 Expires: July	04-0137	
		WELL C	OMPLETIO	N OR RE	COMPLET			LOG		5. Lease Serial I	NIN 6 03	561	
1a. Type of Well		Oil Well	X Gas We		Dry	Other			esvr., Since Contraction of the second se	6. If Indian, All	ottee or Tribe Name	;	
<ul> <li>b. Type of Completion</li> </ul>	n: X	New Well	Work O	ver	Deepen	Plug B	ack و ack	Diff. R	esvr.,	7. Unit or CA	-greenent name	and no.	
2. Name of Operator		Other:	<del></del>							8. Lease Name	and Well No.	Lease )	
3. Address		Burli	ngton Resour		Gas Compa		code)		·	9. API Well No	Grenier	B 3N K	
P	O Box 4289, Farmi					•	(505) 326-	<u>9700</u>				35111 <b>-00C</b>	2
	рын юсанон слеату ани	m accordance	-								Blanco Me	saverde	38 <u>5</u> 2
At surface		••	UNIT		1280' FSL & 1	765' FWL				11. Sec., T., R.		Survey C: 5, T29N, R10V C: 5, T29N, R10V	
At top prod. Interva	l reported below				UNIT L (NW/S	SW), 1279' F	SL & 711' F	WL		12. County or		13. State	<u>.</u>
At total depth 14. Date Spudded		15 Dat	UN e T.D. Reached	IT L (NW/SV	W), 1279' FSL				·····		San Juan (DF, RKB, RT, GL		Mexico
•	1/12/2012	15. Dat	12/7/201	2		D & A	X Read	y to Pro	od. 01/29/2013 GRC	TT. Elevations	5789' GL /	,	
18. Total Depth:	MD TVD	6960 6776		lug Back T.D		MD TVD	6926' 6742'	20	0. Depth Bridge Plug Set:		MD TVD		
21. Type Electric & O	ther Mechanical Logs Ru							2:	2. Was well cored?		X No	Yes (Submit a	
		(	GR/CCL/CBL						Was DST run? Directional Survey?		X No No	Yes (Submit r X Yes (Submit c	
23. Casing and Liner R	ecord (Report all strings	set in well)					~ 1					<u></u>	
Hole Size	Size/Grade	Wt. (#/ft.		D) B	Sottom (MD)	-	Cementer epth		No. of Sks. & Type of Cement	Slurry Vo (BBL)	I. Cement to		int Pulled
<u>12 1/4"</u> 8 3/4"	9 5/8" / H-40 7" / J-55	32.3# 23#	0		231'		n/a n/a		76sx-Pre-mix 545sx-Premuim Lite	22bbls 196bbls	Surface Surface		bbls Dbbls
6 1/4"	4 1/2" / L-80	11.6#	0		6948'		n/a		210sx-Premuim Lite	76bbls	1660'		n/a
24. Tubing Record	· · · · · · · · · · · · · · · · · · ·	<u> </u>											
Size	Depth Set (MD)	Pac	ker Depth (MD)	Siz	ze I	Depth Set (MI	»	P	acker Depth (MD)	Size	Depth Set (1	VID) Packer I	Depth (MD)
2 3/8", 4.7#, L-80 25. Producing Intervals	6783'		n/a	<u></u>	. 26	Perforation R	ecord			and a second second			
	Formation		Тор	Bott		••	Perfora		rval	Size	No. Holes	Perf. St	
A) B)	Point Lookout UMF/Menefee		4658'	494				SPF SPF		.34"	25	ope	
C)	Total						_				50		•
D) 27 Acid Fracture Tr	eatment, Cement Squeeze	etc										l	
27. Acid, Hacture, H	Depth Interval	, 010.						Amo	unt and Type of Material		•		
	4658' - 4946'		Acidize w/ 10	bbls of 15%	HCL. Frac'd w	v/ 38,640gal 7	0% Slickwa	iter Foa	nn pad w/ 100,785# of 20/4	40 Arizona sand	. Total N2:1,151,0	00SCF.	
	4314' - 4582'		Acidize w/ 10	bbls of 15%	HCL. Frac'd v	v/ 35,952gal 7	0% N2 Slic	kfoam j	pad w/ 104,108# of 20/40 A	Arizona sand. To	otal N2:1,546,000S	CF.	
28. Production - Inter- Date First	val A Test Date	Hours	Test	Oil	Gas	Water	Oil Gravity		Gas	Productio	n Method		
Produced	Test Dato	1 1	Production	BBL	MCF	BBL	Corr. API		Gravity	Trouten	A MERIOU		
01/29/2013 GRC	2/6/2013	1hr.		0/boph	58/mcf/h	1/bwph	n/:	1	n/a		FLC	DWING	
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio		Well Status				
1/2"	SI-849psi	SI-1090psi		0/bopd	1401/mcf/d	24/ bwpd	n/:	n • ·			SHUT IN		
28a. Production - Inte	rval B									·			
Date First	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API		Gas Gravity	DIL CON	Method		
Produced		resteu		555	, which	DDL	Con. API	•			S. DIV DIS	Т. З	
Choke	Tbg. Press.		24 Hr.	Oil	Gas	Water	Gas/Oil		Well Status	FEB	192012		
Size	Flwg SI	Press.	Rate	BBL	MCF	BBL	Ratio						
	3		IR . OF EAC		· ·								

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

ACCEPTED FOR RECORD

FEB 1 4 2013

FARMINGTON FIELD OFFICE BY William Tambe Koy

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28b. Productio	on - liiterval C									_
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.	Press.	Rate	BBL	MCF	BBL	Ratio			
	SI		CELTE>							
28c. Productio	on - Interval D						•	······································		_
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.	Press.	Rate	BBL	MCF	BBL	Ratio			
	SI ··		(and the second							
29. Dispositio	n of Gas <i>(Solid, u</i>	sed for fuel, 1	vented, etc.)							
				•		то ве	SOLD			
30. Summary	of Porous Zones (	Include Aqui	fers):					31. Format	tion (Log) Markers	

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Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem test, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

		-			Тор
Formation	Тор	Bottom	Descriptions, Contents, etc.	Name	Meas. Depth
Ojo Alamo	840'	1000'	White, cr-gr ss	Ojo Alamo	840'
Kirltand	1000'	1814'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirltand	1000'
Fruitland	1814'	2256'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	1814'
Pictured Cliffs	2256'	2445'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	2256'
Lewis	2445' <sup>`</sup>	2445'	Shale w/ siltstone stingers	Lewis	2445'
Huerfanito Bentonite			White, waxy chalky bentonite	Huerfanito Bentonite	0
Chacra	3314'	3919'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	3314'
Mesa Verde	3919'	4040'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	. 3919'
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Mancos	5058'	5852'	Dark gry carb sh.	Mancos	5058'
Gallup	5852'	6610'	Lt. gry to brn calc carb micac gluac silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	5852'
Greenhorn	6610'	6669'	Highly calc gry sh w/ thin Imst.	Greenhorn	6610'
Graneros	6669'	6734'	Dk gry shale, fossil & carb w/ pyrite incl. Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands	Graneros	6669'
Dakota	6734'		cly Y shale breaks	Dakota	6734'
Morrison			Interbed grn, brn & red waxy sh & fine to coard grn ss	Morrison	1

32. Additional remarks (include plugging procedure):

This is a Blanco Mesaverde & Basin Dakota commingle well under DHC3397AZ.

lectrical/Mechanical Logs (1 full set req	]'d.)	Geologic Report	DST Report	Directional Survey
undry Notice for plugging and cement ve	verification	Core Analysis	Other:	
ereby certify that the foregoing and attack	hed information is complete	and correct as determined from	m all available records (see	attached instructions)*
Name (please print)	Arleen White	т	itle	Staff Regulatory Tech.
Signature	leon White	Γ	Date $2/12/1$	3