Form 3160-4 (August 2007)			•.	UNITE	ED STATE	, S				\square	FORM APPRO	WED	
V.	DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT WELL COMPLETION OR RECOMPLETION REPORT AND LOG R 23 2013										OMB No. 1004 Expires: July 31		
1a Type of Well		Oil Well	X Gas Wel		Dry	Other	Far	min	gton ⊢ield Off	6:(If Indian, Allotte	e or Tribe Name		
1a. Type of Well Oil Well X Gas Well Dry Other Farmingion Field Off 6:df Indian, Allottee or Tribe Name b. Type of Completion: X New Well Work Over Deepen Plug Back ur String Off String Off Vianage													
		Other:							-	Acad	t to ke	a se s	
72. Name of Operator													
3. Address		Burlu	ngton Resou		Gas Compa 3a. Phone No.		code)			9. API Well No.	Grenier A	4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
P	O Box 4289, Farmin					·((505) 326-9	2700		14 B' 11 18 1		106 - OOC I	
4. Location of Well (Re	eport location clearly and	in accordance	with Federal rea	puirements) *						10. Field and Pool	or Exploratory Basin Dake	ota	
At surface			UNIT	D (NW/NW)	,755' FNL &	660' FWL				11. Sec., T., R., M SI	., on Block and Su URFACE: SEC: 2		
At top prod. Interva	l reported below									12. County or Pari	sh	13. State	
At total depth 14. Date Spudded		15 Dete	T.D. Reached		16 Date C	amplated				San 17. Elevations (DF	Juan	New Mexico	
	2/20/2012	13. 1/810	1/13/2013	5	16. Date C	D&A	X Ready	to Prod	04/01/2013 GRC	17. Locvations (Dr	6131' GL / 614	16' KB	
18. Total Depth:	MD	7243	19. P	lug Back T.D.	:	MD	7214'		Depth Bridge Plug Set:	<u> </u>	MD		
21 Tune Electric & C	TVD Other Mechanical Logs Rus	. (Submit con	(of each)			TVD			Was well cored?		TVD	Yes (Submit analysis)	
21. Type Licence C	Anel Meenameal Logs Rul		R/CCL/CBL					12	Was DST run?			Yes (Submit report)	
									Directional Survey?		X No 🗍	Yes (Submit copy)	
23. Casing and Liner F	Record (Report all strings	set in well)	· · · · · · · · · · · · · · · · · · ·			<u> </u>			No. of Sks. &	1 8h	1		
Hole Size	Size/Grade	Wt. (#/ft.)	· Top (M	D) B	ottom (MD)		Cementer epth		Type of Cement	Slurry Vol. (BBL)	Cement top*	Amount Pulled	
12 1/4"	9 5/8" / H-40	32.3#	0		230'		Va		76sx-Pre-mix 643sx-Premuim Lite	22bbls	Surface	5bbls	
<u> </u>	7" / J-55 4 1/2" / L-80	23# 11.6#	0		4622' 7241'		√a √a	_	198sx-Premnim Lite	232bbls 72bbls	2830'	n/a n/a	
										RCL	DAPR 2	5/13	
<u> </u>	<u> </u>				·				•\ <u></u>	- 01 1	l Cons. [
24. Tubing Record							<u></u>				DIST.3		
Size 2 3/8", 4.7#, J-55	Depth Set (MD) 7104'	Раск	er Depth (MD) n/a	Siz	<u>e</u>	Depth Set (MI	<u>"</u>	Pa	cker Depth (MD)	Size	Depth Set (MD) Packer Depth (MD)	
25. Producing Intervals						Perforation Re							
<u>A)</u>	Formation Dakota		Top 7150'	Bott 721			Perforate 25	ed Interv	val	Size .34"	No. Holes 32	Perf. Status open	
B)	Dakota		7062'	713			15	SPF		.34"	23	open	
<u>C)</u> D)	Total									-	55		
27. Acid, Fracture, Tre	eatment, Cement Squeeze,	etc.								· · · · · · · · · · · · · · · · · · ·			
	Depth Interval 7062' - 7214'		Acidize w/ 10	bbls of 15%	ICL. Frac'd	w/ 40,404gals	70% Slickwa		nt and Type of Material foam w/ 40,282# of 20/40	0 Brady sand. Total N2: 2,416,300SCF.			
										· · · · · · · · · · · · · · · · · · ·			
			<u> </u>	.	<u> </u>						· • • •	<u> </u>	
28. Production - Inter-	val A				····								
Date First	Test Date		Test	Oil	Gas	Water	Oil Gravity		Gas	Production N	1ethod		
Produced 04/01/2013 GRC	4/4/2013	Tested 1hr.	Production	BBL 0/boph	MCF 26/mcf/h	BBL trace/bwph	Corr. API		Gravity n/a		FLOW		
Choke	Tbg. Press.		24 Hr.	Oil	Gas	Water	Gas/Oil		Well Status	I	FLOW		
Size	Flwg.		Rate		MCF	BBL	Ratio						
1/2" 28a. Production - Inte	SI-568psi	SI-560psi		0/bopd	612/mcf/d	4/ bwpd	<u>n/a</u>		1		UTIN		
Date First Broduced	Test Date		Test	Oil	Gas MCF	Water	Oil Gravity Corr. API		Gas	Production N	lethod		
Produced	1	Tested	Production	BBL	WICF	BBL	COIL API		Gravity				
Chalco	The Press			01	Gas	Watar	Gas/Oil		Well Status				
Choke Size	Tbg. Press. Flwg.	, v	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Ratio		men sialus				
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*(See instructions and spaces for additional data on page 2)

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								1 - Interval C	28b. Productio
Production Method	Gas	Oil Gravity	Water	Gas	Oil	Test	Hours	Test Date	Date First
	Gravity	Corr. API	BBL	MCF	BBL	Production	Tested		Produced
		1 ·	}						
	Well Status	Gas/Oil	Water	Gas	Oil	24 Hr.	Csg.	Tbg. Press.	Choke'
	1.	Ratio	BBL	MCF	BBL	Rate	Press.	Flwg.	Size
								SI	
	<u></u>				- 1			- Interval D	28c. Productio
Production Method	Gas	Oil Gravity	Water	Gas	Oil	Test	Hours	Test Date	Date First
	Gravity	Corr. API	BBL	MCF	BBL	Production	Tested		Produced
 I	Well Status	Gas/Oil	Water	Gas	Oil	24 Hr.	Csg.	Tbg. Press.	Choke
	ļ	Ratio	BBL	MCF	BBL	Rate	Press.	Flwg.	Size
						all and a second		SI	
 								-	

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

TO BE SOLD

31. Formation (Log) Markers

30. Summary of Porous Zones (Include Aquifers):

•

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.

Formation Top					Тор
		Bottom	Descriptions, Contents, etc.	Name	Meas. Depth
Ojo Alamo	1416'	1554'	White, cr-gr ss	Ojo Alamo	1416'
Kirltand	1554'	2345'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirltand	1554'
Fruitland	2345'	2724'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2345'
Pictured Cliffs	2724'	2884'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	2724'
Lewis	2884'	- 3437'	Shale w/ siltstone stingers	Lewis	2884'
Huerfanito Bentonite	3437'	3696'	White, waxy chalky bentonite	Huerfanito Bentonite	3437'
Chacra	3696'	4222'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	3696'
Mesa Verde	4222'	4472'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	4222'
Menefee	4472'	4961'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4472'
Point Lookout	4961'	5330'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	4961'
Mancos	5330'	6223'	Dark gry carb sh.	Mancos	5330'
Gallup	6223'	6954'	Lt. gry to brn calc carb micac gluac silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6223'
Greenhorn	6954'	7009'	Highly calc gry sh w/ thin Imst.	Greenhorn	6954'
Graneros	7009'	7060'	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	7009'
Dakota	7060'	1	cly Y shale breaks	Dakota	7060'
Morrison		J	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 DHC3375AZ.

33. Indicate which items have been a	ttached by placing a check in t	the appropriate boxes:					
X Electrical/Mechanical Logs (1	Geologic Re	DST Report		. Directional Survey			
Sundry Notice for plugging and	cement verification	Core Analysis		Other:			
34. I hereby certify that the foregoing	; and attached information is c	omplete and correct as dete	ermined from all a	vailable record	ls (see atta	iched instructions)*	
Name (please print)	Arleen	White	Title		<u> </u>	Staff Regulatory Tech.	
Signature	arean u	Mite	Date	4/23	/13		
Title 18 U.S.C. Section 1001 and Titl false, fictitious or fraudulent statemen				villfully to mak	e to any d	epartment or agency of the United States any	R

Form 3160-4 (August 2007)					1				CEVE	ED)	· · .		
		•	DEDA	•	ED STATE: F OF THE I		6-) VA	مستعد القسيل			FORM APPRO OMB No. 100		
					AND MAN			A	PR 23 2013		Expires: July 3		
		WELL C	OMPLETIO	N OR RE	COMPLET	ION REPO	ORT AND	LOG	PK 20 2013	5. Lease Serial No.	·	<u> </u>	
Ia. Type of Well Oil Well X Gas Well Dry Other Carming Contractor										~	SF-0772	82	
1a. Type of Well	n: X	Oil Well New Well	X Gas Wel		Dry Deepen	Other Plug B	67 1/13/19/19	SUL SUL	and Manag	6. If Indian, Allotte	e or Tribe Name		
b. Type of Completio		New wen			Deepen				SNA_CITC INTAILORS	Unit <u>o</u>r CA Agre	eement Name a	nd No.	
- N - 60		Other:								8. Lease Name and	F To Lee	ase	
2. Name of Operator		Burli	ngton Resou	rces Oil &	Gas Compa	iny				 Lease reprine and 	Grenier A	4M &	
3. Address	O B 4380 E	naton NM	97400		3a. Phone No.	•	code) (505) 326-9	700		9. API Well No.	30 045 34	5106 - 00CZ	
	O Box 4289, Farmin eport location clearly and			quirements)*	·····		(505) 520-5	700		10. Field and Pool			
A			UNDER	DABUARD	, 755' FNL & (11. Sec., T., R., M	Blanco Mesa		
At surface			UNIT	D(NW/NW)	, /55 FML & (500 F WL						26, T30N, R10W	
At top prod. Interva	l reported below									12. County or Pari	sh	13. State	
At total depth										San	Juan	New Mexico	
14. Date Spudded	2/20/2012	15. Dat	e T.D. Reached 1/13/2013	1	16. Date Co	ompleted D & A	X Ready	to Pro	od. 03/28/2013 GRC	17. Elevations (DE		k	
18. Total Depth:	MD	7243		lug Back T.D		MD	7214'		0. Depth Bridge Plug Set:	L	MD		
	TVD					TVD			1 0 0		TVD		
21. Type Electric & C	ther Mechanical Logs Ru							2	 Was well cored? Was DST run? 		X No	Yes (Submit analysis)	
		, i	GR/CCL/CBL						Directional Survey?		X No	Yes (Submit report) Yes (Submit copy)	
23. Casing and Liner I	Record (Report all strings	set in well)						<u>'</u>] (
Hole Size	Size/Grade	Wt. (#/ft.)	Top (M	D) 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		230'		v/a		76sx-Pre-mix	22bbls	Surface	5bbls	
<u>8 3/4"</u> 6 1/4"	7" / J-55 4 1/2" / L-80	23# 11.6#	0		4622' 7241'		1√a 1√a		643sx-Premuim Lite 198sx-Premuim Lite	232bbls 72bbls	100' 2830'	n/a	
01/4	4 1/2 / 1/-80	11.0#	0		/241		<i>VA</i>		1785X-I Temaini Ente		D APR 2		
									·		FCONST		
24. Tubing Record		l				I					<u>DIST. 3</u>		
Size 2 3/8", 4.7#, J-55	Depth Set (MD) 7104'	Pacl	er Depth (MD)	Siz	e E	Depth Set (ME	»	I	Packer Depth (MD)	Size	Depth Set (MI	D) Packer Depth (MD)	
25. Producing Interval:			1V.A	l	26.	Perforation Re	ecord				J	I	
	Formation Point Lookout	·····	Top 4962'	Bott 528			Perforate	d Inte PF	rval	Size .34"	No. Holes 25	Perf. Status	
<u>A)</u> B)	Menefee		4962	487				PF		.34"	25	open open	
<u>C)</u> D)	Total										50		
	eatment, Cement Squeeze,	etc.								!	I		
	Depth Interval								unt and Type of Material				
tes	4962' - 5284' 4712' - 4870'							<u> </u>	2 foam w/ 150,598# of 20/4 2 foam w/ 49,860# of 20/40				
· · · · · · · · · · · · · · · · · · ·	4/12 - 48/0												
28. Production - Inter	val A												
Date First	Test Date		Test	Oil	Gas	Water	Oil Gravity		Gas	Production N	fethod		
Produced		Tested		BBL	MCF	BBL	Corr. API		Gravity				
03/28/2013 GRC	4/4/2013	1hr.		0/boph	38/mcf/h	trace/bwph			n/a		FLO	WING	
Choke Size	Tbg. Press. Flwg.	1 ~ 1	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio		Well Status				
										SHUT IN			
1/2" 28a. Production - Inte	SI-568psi rval B	SI-560psi		0/bopd	918/mcf/d	5/ bwpd	n/a						
Date First	Test Date		Test	Oil	Gas	Water	Oil Gravity		Gas	Production N	fethod		
Produced		Tested	Production	BBL	MCF	BBL	Corr. API		Gravity				
Chalte	The Prof-	Gra	24 Hr.	Oil	Gas	Water	Gas/Oil		Well Status				
Choke Size	Tbg. Press. Flwg.		24 Hr. Rate	BBL	MCF	BBL	Ratio		TTER Status				
	SI												
	1	1		I	J	1	·						

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

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APR 2 3 2013

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28b. Producti	ion - Interval C								•	
Date First	Test Date	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method	
Produced	Ì	Tested	Production	BBL	MCF	BBL	Corr. API	Gravity		
			Constant of the second							
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas/Oil	Well Status	, , , , , , , , , , , , , , , , , , ,	
Size .	Flwg.	Press.	Rate	BBL	MCF	BBL	Ratio			
·	SI		THE OWNER OF THE OWNER OF							
28c. Producti	ion - Interval D-					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.	Press.	Rate	BBL	MCF	BBL	Ratio			
	SI									

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

TO BE SOLD

31. Formation (Log) Markers

30. Summary of Porous Zones (Include Aquifers):

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	1416'	1554'	White, cr-gr ss	Ojo Alamo	1416'
Kirltand	1554'	2345'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirltand	1554'
Fruitland	2345'	2724'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2345'
Pictured Cliffs	2724'	2884'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	2724'
Lewis ·	2884',.	3437'	Shale w/ siltstone stingers	Lewis	2884'
Huerfanito Bentonite	3437'.	3696'	White, waxy chalky bentonite	Huerfanito Bentonite	3437'
Chacra	3696'	4222'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	3696'
Mesa Verde	4222' .	4472'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	4222'
Menefee	4472'	4961'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4472'
Point Lookout	4961'	5330'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	4961'
Mancos	5330'	6223'	Dark gry carb sh.	Mancos	5330'
Gallup	6223'	6954'	Lt. gry to brn calc carb micac gluac silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6223'
Greenhorn	6954'	7009'	Highly calc gry sh w/ thin Imst.	Greenhorn	6954'
Graneros	7009'	7060'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7009'
Dakota	7060'		Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7060'
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 DHC3375AZ.

33. Indicate which items have been at	tached by placing a check in t	he appropriate boxes:	<u> </u>	
X Electrical/Mechanical Logs (1 f	ull set req'd.)	Geologic Report	DST Report	Directional Survey
Sundry Notice for plugging and	cement verification	Core Analysis	Other:	
34. I hereby certify that the foregoing	and attached information is co	omplete and correct as determined fr	om all available records ((see attached instructions)*
Name (please print)	Arleen	White	Title	Staff Regulatory Tech.
Signature	arleen W	lite	Date <u>4</u>	23/13
Title 18 U.S.C. Section 1001 and Title false, fictitious or fraudulent statement		• • • •	ly and willfully to make to	o any department or agency of the United States any