Form 3160-4 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

RECEIVED

QED	27	2012	FORM APPROVED OMB No 1004-0137 Expires July 31, 2010
2FL	27	ZUIZ	Expires July 31, 2010

		WELL	COMPLETIO	N OR REC	OMPLETIO	ON REPOR	KIANDL	.06	Farming	ton Fleid	Office SE-080	674	
1a Type of Well		Oıl Well	X Gas We	11	Dry	Other			Sureau of	of Indian Alie	fee or Tribe Nam	e	
b Type of Completi	on. X	New Well	Work		Deepen	Plug B	ack	Diff R				-	
		Other,			-					7. Unit or CA A	greement Name SAN JUAN 2		
2 Name of Operator						·				8 Lease Name a			
		Burli	ngton Resour	ces Oil &							AN JUAN 27-	4 UNIT 56N	
3 Address	PO Box 4289, Farm	ington NA	1 27400		3a. Phone No.		i code) 505) 326-9	700		9 API Well No	30-039-3	R1105	
	Report location clearly an			equirements)	*		03) 320-2	700		10 Field and Po		, , , , , , , , , , , , , , , , , , , 	
											BASIN		
At surface			UNIT K	(NW/SW), 1	791' FSL & 13	360' FWL					M, on Block and SURFACE: SE	Survey C: 21, T27N, R4W	
										,		C: 21, T27N, R4W	
At top prod Interv	al reported below			U	NIT F (SE/NW	/), 1903' FNL	& 1352' FV	/L		12 County or Pa	arish	13 State	
At total depth			UNI	ΓF (SE/NW)	, 1903' FNL &	1352' FWL				Ric	Arriba	New Me	xico
14 Date Spudded		15 Da	nte TD Reached		16 Date C	ompleted					DF, RKB, RT, GI	.)*	
	6/26/2012		7/22/201			D&A	X Ready				6799' GL / c	5814' KB	
18 Total Depth	MD TVD	846 813		Plug Back T E)	MD TVD	8415' 8092'	120	O. Depth Bridge Plug Se	et	MD TVD		
21 Type Electric &	Other Mechanical Logs R	un (Submit c	opy of each)					2	2 Was well cored?		X No	Yes (Submit analy	ysis)
			GR/CCL/CBL					- 1	- Was DST run?		X No	Yes (Submit repo	rt)
								<u> </u>	. Directional Survey	?	☐ No	X Yes (Submit copy	<i>i</i>)
23 Casing and Liner	Record (Report all string	s set in well)		т					No of Sks &	l Chama Val		1	
Hole Size	Size/Grade	Wt (#/fl	Top (M	(D) E	lottom (MD)	-	Cementer epth		Type of Cement	Slurry Vol. (BBL)	Cement top	o* Amount P	ulled
12 1/4"	9 5/8" / H-40	32.3#	0		226'	n	ı/a		§76sx-Pre-mix	22bbls	Surface	6bbls	
8 3/4"	7" / J-55 4 1/2" / L-80	23# 11.6#	0		4845' 8461'		/04' n/a		793sx Premuim Lite 277sx-Premuim Lite	290bbls 99bbls	Surface 3480'	100bbl n/a	is
01/4	41/2 / 12-00	11,0#	_	 - -	8401		17.11		2773X-F TEHRIBIT LITE		donner		
										[]	I CINS		
24 Tubing Record		L									I DIST.	3	
Size	Depth Set (MD)	Pac	ker Depth (MD)	Siz	e I	Depth Set (MD))	Pa	cker Depth (MD)	Size	Depth Set (N	1D) Packer Dept	h (MD)
2 3/8", 4.7#, L-80	8231'		n/a			D . C (D .				<u> </u>			
25 Producing Interva	Formation		Тор	Bott		Perforation Re	Perforated	Interv	al	Size	No Holes	Perf Status	
A)	Dakota		8316'	832			281			.34"	12	open	
B) C)	Dakota TOTAL		8190'	829)2'		181	PF		.34"	32 44	орен	
D)_	TOTAL												
27 Acid, Fracture, T	reatment, Cement Squeez	e, etc							. 120				
	Depth Interval		Acidize w/ 1	Obbls of 15%	HCL. Frac'd v	v/ 41.370gals			at and Type of Material at w/ 40,147# of 20/40	Arizona sand. Pu	moed 85bbls of f	luid.	
	8190' - 8330'		+										
28 Production - Inte Date First	rval A Test Date	Hours	Test	Oil	Gas	Water	Oil Gravity		Gas	Production	Method		
Produced	Test Date	Tested	Production	BBL	MCF	BBL	Corr. API		Gravity	roduction	Memoa		
9/10/2012 GRC	9/14/2012	12		n/a /boph	8/mcf/h	trace/bwph					EI O	WING	
Choke Choke	Tbg Press	1hr. Csg	24 Hr	Oil	Gas	Water	Gas/Oıl		m/a Well Status		FLU	WING	
Size	Flwg	Press	Rate	BBL	MCF	BBL	Ratio		1				
1/2"	SI-616psi	SI-537psi		n/a/bopd	193/mcf/d	10/ bwpd	n/a			,	SHUT IN		
28a Production - Int	erval B												
Date First	Test Date	Hours	Test	Oil	Gas	Water	Oil Gravity		Gas	Production	Method		
Produced		Tested	Production	BBL	MCF	BBL	Corr API		Gravity				
		<u> </u>			<u> </u>	ļ	<u> </u>		ļ <u></u>				
Choke Size	Tbg Press. Flwg	Csg Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio		Well Status				
	15	12.000	1	1	1	1	1		ł				

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

ASSEPTED FOR RECORD

OCT 0 1 2012

PARAMOGROW FIELD OFFICE



NMOCD ~

ov Production	n - Interval C	1				-				
ate First	Test Date	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method	
oduced		Tested	Production	BBL	MCF	BBL	Corr. API	Gravity		
hoke	Tbg. Press	Csg	24 Hr	Oil	Gas	Water	Gas/Oil	Well Status		
ze	Flwg.	Press	Rate	BBL	MCF	BBL	Ratio	Ì		
	SI .	ļ		Ì				İ		
	<u> </u>				Л		<u> </u>			
Sc. Production			lm .	161	70	1,17.	[0.1.Ct	Të:-	Dard of a Made d	
ate First	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method	
roduced		Tested	Froduction	BBL	MCF	DDD	Con Air	Glavity		
hoke	Tbg. Press.	Csg. Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oıl Ratıo	Well Status		
ize	Flwg. SI	riess		DDL	IVICE	BDL	Katio	ł		
9. Disposition	of Gas <i>(Solid, u</i>	ised for fuel, v	vented, etc)			то ві	E SOLD			
). Summary o	of Porous Zones	(Include Aqui	fers):					31 Formati	on (Log) Markers	
-	portant zones of pth interval teste									
Formatio	on .	Тор	Bottom		Descrir	otions, Conte	ents, etc.		Name	Тор
Lormano		- ОР	Doctorii		Descrip	,	, 0.0			Meas Depth
Ojo Alan	no 3	3301'	3540'			White, cr-gr s	s		Ojo Alamo	3301'
Kırltano	d 3	3540'	3806'	(Gry sh interbe	edded w/tight,	gry, fine-gr ss	ł	Kirltand	3540'
Fruitland	id 3	1806'	3963'	Dk erv-erv	gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss Bn-Gry, fine grn, tight ss		· ss	Fruitland	3806'	
Pictured C	ı	3963'	4160'	J. 5.7 5.7				Pictured Cliffs	3963'	
Lewis	1	1160'	N/A]		: w/ siltstone s	_		Lewis	4160'
Huerfanito Be	l l	N/A	4937'	1		waxy chalky b	-		Huerfanito Bentonite	N/A
					,					
Chacra	a 4	1937'	5555'	Gry fi	n grn silty, gla	auconitic sd st	one w/ drk gry shale	İ	Chacra	4937'
Mesa Ver	rde 5	5555'	5805'		Light gry, m	ed-fine gr ss, o	carb sh & coal		Mesa Verde	5555'
Menefe	ee 5	5805'	6143'		Med-dark g	ry, fine gr ss, o	earb sh & coal		Menefee	5805'
				Med-light gr	y, very fine g		nt sh breaks in lower pa	ırt of		
Point Lool		5143'	6666' 7303')	_	formation		j	Point Lookout Mancos	6143'
Manco	os C	5666'	/303	la surte b		Dark gry carb	sn. s & very fine gry gry ss	/	Mancos	6666'
Gallup	. 7	7303'	8094'	. Lt gry to b	in cale card in	rreg interbed	sh	s w/	Gallup	7303'
Greenho	orn 8	3094'	8160'		Highly o	calc gry sh w/	thin Imst	1	Greenhorn	8094'
Granero	os 8	3160'	8188'		Dk gry shale	, fossil & carb	w/ pyrite incl		Graneros	8160'
Dakota	, , ,	3188'		Lt to dark gr		calc sl sitty ss lv Y shale brea	s w/ pyrite incl thin sh b	ands	Dakota	8188'
Morriso		3100		Interb	-	-,	& fine to coard grn ss		Morrison	0100
2. Additional	remarks (includ	e plugging pro	•	anco Mesav	erde, Basin	ı Mancos &	Basin Dakota com	nmingle well und	der DHC4526.	
	hich items have			ck in the app	_					
X Electrica	al/Mechanical Lo	ogs (1 full set i	req'd.)		∐ Geo	ologic Repor	t [_]	DST Report	Directional Su	rvey
	Notice for pluggi					e Analysis		Other		
				on is complet	e and corre	ct as determ	ined from all availal	ble records (see	attached instructions)*	
	ertify that the for	egoing and att	raciled informati	on is comple						
34. I hereby ce	ertify that the for	egoing and att		een Kellywo		}	Title		Staff Regulatory Tech	

false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

(Continued on page 3)

(Form 3160-4, page 2)

Form 3160-4 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED OMB No 1004-0137 27 2012 OMB No 1004-0137 Expires: July 31, 2010

WELL	COMPL	ETION	OR REC	OMPL	FTION	REPORT	AND	LOG

		WELL C	OMPLETIO	N OR REC	OMPLETI	ON REPU	KI AND L	UG	Farming	Lease Serial No	fficeer oor	0074	
						-, ,			Farmingic	n riela O	IIICCSF-080	06/4	
la Type of Well		Oil Well	X Gas We		Dry	U Other	_		Bureau of L	i Li Ciupia et Milori	ee or Tribe Nam	ie	
 b. Type of Completion 	n. X	New Well	Work C	ver	Deepen	Plug B	ackI	Diff Res					
		Other.]'	7. Unit or CA Agi	reement Name SAN JUAN 2		
2 Name of Operator		Outer.							- 8	Lease Name and			
2 Ivanie of Operator		Rurlin	gton Resour	ces Oil & C	Gas Compa	nv			ľ			4 UNIT 56N	
3. Address		Darie	gron resour			(ınclude area	code)		9	API Well No			
	O Box 4289, Farmi	ington, NM	87499			(5	05) 326-9	700			30-039-3	31105	
4 Location of Well (R	eport location clearly an	d ın accordan	e with Federal i	equirements)	•					10 Field and Pool			
									L		BLANCO ME		
At surface			UNIT K	(NW/SW), 1	791' FSL & 1	360' FWL				11 Sec, T, R., N	-	Survey C: 21, T27N, R4W	
												C: 21, T27N, R4W	
At top prod Interva	al reported below			U	NIT F (SE/NV	V), 1903' FNL	& 1352' FW	/L		12 County or Par		13 State	
, ,	•					,,				•			
At total depth				ΓF (SE/NW),	1903' FNL &	1352' FWL					Arriba	New Me	xico
14 Date Spudded		15 Dat	e T D Reached	_	16 Date C	7 ·				17 Elevations (D		•	
	/26/2012		7/22/201			JD&A	X Ready				6799' GL /	6814' KB	
18 Total Depth	MD	8462	1	lug Back T D		MD	8415'	20	Depth Bridge Plug Set		MD		
01 T Florida 0.0	TVD	8139				TVD	8092'		Wee 10		TVD	V ~~ (C-1	
21 Type Electric & (ther Mechanical Logs R	,						22			X No	Yes (Submit anal	
		•	GR/CCL/CBL						Was DST run?		X No	Yes (Submit repo	•
									Directional Survey?		No No	X Yes (Submit copy	y)
23 Casing and Liner	Record (Report all strmg.	s set in well)				1 0	· · · · · · · · · · · · · · · · · · ·		NICCL Pr	CI 1/-1	1		
Hole Size	Size/Grade	Wt (#/ft.)) Top (M	D) B	ottom (MD)	, -	Cementer epth		No of Sks & Type of Cement	Slurry Vol (BBL)	Cement to	p* Amount F	Pulled
12 1/4"	9 5/8" / H-40	32,3#	0		226'		ı/a	-	76sx-Pre-mix	22bbls	Surface	6bbl	<u> </u>
8 3/4"	7" / J-55	23#	0		4845'		704'	79	3sx-Premuim Lite	290bbls	Surface		
6 1/4"	4 1/2" / L-80	11.6#	0		8461'	г	ı/a	27	77sx-Premuim Lite	99bbls	3480	n/a	
											<u>WD OCT</u>		
											L COMS.	FITTE .	
24 Tubing Record										.J	DIST.		
Size	Depth Set (MD)	Pac	ker Depth (MD)	Sız	ze i	Depth Set (MD))	Paci	ker Depth (MD)	Size	Depth Set (1		th (MD)
2 3/8", 4.7#, L-80	8231'		n/a									<u> </u>	
25 Producing Interval	s				26	Perforation R							
	Formation	-	Top	Bott			Perforated		3	Size	No Holes	Perf. Statu	S
A) B)	Point Lookout/Menefee Cliffhouse	·	5988' 5558'	638 592			1SF		-	.34"	25 25	open	
C)	Lewis		4938'	541			181			.34"	25	open	
C) D)	TOTAL										75		
27 Acid, Fracture, Ti	eatment, Cement Squeez	e, etc											
	Depth Interval								and Type of Material				
	5988' - 6380'								nd. Pumped 93bbls of fl			<u> </u>	
	5558' - 5925'		Frac'd w/ 36	,162gals 70Q	N2 Slickfoam	w/ 101,515# c	of 20/40 Ariz	ona san	d. Pumped 86bbls of fl	uid. Total N2: 1,4	68,000SCF		
	4938' - 5413'		Frac'd w/ 22	,470gals 75Q	Visco Elastic	foam w/ 57,28	2# of 20/40 A	Arizona	sand. Pumped 76bbls	of fluid, Total N2	: 1,398,000SCF		
28. Production - Inter						.,							
Date First	Test Date		Test		Gas	Water	Oil Gravity		Gas	Production I	Method		
Produced		Tested	Production	BBL	MCF	BBL	Corr. API		Gravity	1			
9/07/2012 GRC	9/14/2012	1hr.	2	n/a /boph	28/mcf/h	3/bwph	n/a		n/a		FLO	OWING	
Choke	Tbg Press		24 Hr	Oil	Gas	Water	Gas/Oil		Well Status				
Size	Flwg	Press	Rate	BBL	MCF	BBL	Ratio						
4 /4.10	GT 4				/		l .			~	HITTO IN		
1/2" 28a. Production - Inte	SI-616psi	SI-537psi		n/a/bopd	672/mcf/d	64/bwpd	n/a	-	l .	<u>S</u>	HUT IN		
Date First	Test Date	Hours	Test	Oil	Gas	Water	Oil Gravity		Gas	Production I	Method		
Produced			Production	BBL	MCF	BBL	Corr API		Gravity				
-		<u> </u>				- 	Gas/Oil		W. U. C				
Choke	Tbg Press	Csg.	24 Hr	Oil	Gas								
Size	Flwg	1 -	Rate	BBL	MCF	Water BBL	Ratio		Well Status				

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

MODERNE POR RECORD

OCT:0 1 2012

FARMENSTON FAELD OFFICE

NMOCD N

28b Production	n - Interval C									
Date First	Test Date	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method	
Produced		Tested	Production	BBL	MCF	BBL	Corr API	Gravity		
						<u> </u>				·
Choke	Tbg. Press	Csg	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status		
Size	Flwg SI	Press	1	BBL	MCr	DDL	Rano			
							<u></u>			<u> </u>
28c Production Date First		Hours	Iran	lou	Gas	Tiv.	Oil Gravity	Gas	Production Method	
Produced	Test Date	Tested	Test Production	Oil BBL	MCF	Water BBL	Corr API	Gravity	Production Method	
						ı	ĺ			
Ch ata	Tbg Press	Con	24 Hr.	Oil	Gas	Water	Gas/Oıl	Well Status		
Choke Size	Flwg.	Csg Press.	Rate	BBL	MCF	BBL	Ratio	Wen Status		
	SI							Ì		
10 D a autom	n of Con (Solve	d seed for feel s						<u> </u>		
Disposition	n of Gas (30110	d, used for fuel, v	reniea, eic j							
						то ве	SOLD			
30. Summary c	of Porous Zon	es (Include Aqui	fers):					31 Formati	on (Log) Markers	
Show all inn	nortant zones	of porosity and c	ontents thereof	Cored inter	vals and all	drill-stem tes	·t			
	•	sted, cushion use					ι,			
recoveries.	-			5						
	1	· "		Γ				 		Тор
Formatio	on	Тор	Bottom		Descrip	tions, Conte	nts, etc.		Name	Meas Depth
				ļ						_ <u></u>
Ojo Alar	I	3301'	3540'			White, cr-gr ss			Ojo Alamo	3301'
Kirltan	nd	3540'	3806'		Gry sh interbe	dded w/tight,	gry, fine-gr ss.		Kirltand	3540'
Fruitlan	nd	3806'	3963'	Dk gry-gry	carb sh, coal,	grn silts, light	-med gry, tight, fine gr s	s	Fruitland	3806'
Pictured C	Pretured Cliffs Lewis 4160' N/A Shale w/ sultstone stringers erfanito Bentonite N/A 4937' White, waxy chalky bentonite		ry, fine grn, tış	ght ss		Pictured Cliffs	3963'			
			_		Lewis	4160'				
Huerfanito Be				Huerfanito Bentonite	N/A					
Chacra	.a	4937'	5555'	Grv f	n ern siltv. ela	suconitic sd sto	one w/ drk gry shale		Chacra	4937'
Mesa Ve	erde	5555'	5805'	1		ed-fine gr ss, c			Mesa Verde	5555'
Menefe	ee	5805'	6143'		Med-dark gr	y, fine gr ss, c	arb sh & coal		Menefee	5805'
				Med-light g			t sh breaks in lower part	: of		
Point Loo	okout	6143'	6666'		-	formation	•		Point Lookout	6143'
Manco	os	6666'	7303'			Dark gry carb s		. [Mancos	6666'
Gailup	ь	7303'	8094'	Lt gry to b		iicac gluac silts reg interbed s	s & very fine gry gry ss v	w/	Gallup	7303'
Greenlig	- 1	8094'	8160'			alc gry sh w/ t			Greenhorn	8094'
Granero	ros	8160'	8188'	1		, fossil & carb			Graneros	8160'
Dakot	ta	8188'		Lt to dark g		calc sl sitty ss ly Y shale brea	w/ pyrite incl thin sh bar	nds	Dakota	8188'
Morriso		0100		Interb		•	t fine to coard grn ss		Morrison	0100
		lude plugging pro	ocedure):							
			ins is a pi	anco Macsav	eruc, Basin	, wantes &	Basin Dakota comu	magic wen dak	ici Dire-1920.	
33 Indicate w	vhich items ha	ve been attached	by placing a che	eck in the ap	propriate bo	xes.				
X Electrica	al/Mechanical	Logs (1 full set	req'd)		Geo	logic Report	t D	ST Report	Directional S	urvey
	Notice for plu	igging and cemen	t verification		Cor	e Analysis		ther:		
Sundry		c 1 .	tached informati	on is comple	te and corre	ct as determ	med from all availabl	le records (see	attached instructions)*	
	certify that the	foregoing and at								
34 I hereby co	certify that the			een Kellywo	ood		Title		Staff Regulatory Tech	
34 I hereby c	e (please print		Ari	1/00		.)		a l	1	
34 I hereby c	e (please print			1/00	vzwovi	l	Title	91	Staff Regulatory Tech	

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

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UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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CED	27	2012	FORM OMB N	APPROVED o 1004-0137 July 31, 2010
SEIL	~ 1	2012	Expires	July 31, 2010

		WELL	OWIFLETION	OK KEG	OWIFEETIC	N KEFUR	(I AND L	.00	Farmin	gton Field	Office \$E_080	674	
a Type of Well		Oıl Well	X Gas We		Dry	Other			Bureau of	6-9f Indian, Allo	tee or Tribe Nam	e	
b Type of Completion	n: X	New Well	Work O	ver	Deepen	Plug Ba	ack 🔲	Diff. I	Resvr,				
		Other								7. Unit or CA A	reement Name SAN JUAN 2		
Name of Operator					~ ~					8 Lease Name a			
Address	· · · · · · · · · · · · · · · · · · ·	Burlii	igton Resour		3a Phone No		code)			9 API Well No	AN JUAN 27-	4 UN	IT 56N
P	O Box 4289, Farmi						05) 326-9	700			30-039-3	1105	
Location of Well (R	leport location clearly an	d in accordan	ce with Federal r	equirements)*	k					10 Field and Poo	ol or Exploratory BASIN MA	NCO	2
At surface			UNIT K	(NW/SW), 1	791' FSL & 13	60' FWL				11 Sec, T, R,			
											SURFACE: SEC	-	
At top prod Interva	al reported below			UI	NIT F (SE/NW), 1903' FNL	& 1352' FV	VL.		12 County or Pa	BOTTOM: SEG	_	12/N, R4W
	•												
At total depth 4. Date Spudded		15 Da	te T D Reached	F (SE/NW),	1903' FNL & 16 Date Co			-			Arriba DF, RKB, RT, GL	7*	New Mexico
•	6/26/2012	1.5 2.1	7/22/2011	2		D&A	X Ready	to Pı	rod. 9/07/2012 GRC	Try Environments (6799' GL /		KB
8 Total Depth	MD TVD	846 813	I	lug Back T D		MD TVD	8415' 8092'		20 Depth Bridge Plug Se	et	MD TVD		
21 Type Electric & C	Other Mechanical Logs R					TVD	8092		22 Was well cored?		X No [☐ Ye	s (Submit analysis)
,,,		•	GR/CCL/CBL						Was DST run?		X No	=	s (Submit report)
									Directional Survey?	•	= :	X Ye	s (Submit copy)
23 Casing and Liner	Record (Report all string.	s set m well)											
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	p*	Amount Pulled
12 1/4"	9 5/8" / II-40	32.3#	0		226'		ı/a		76sx-Pre-mix	22bbls	Surface		6bbls
8 3/4"	7" / J -55	23#	0		4845'		'04'		793sx-Premuim Lite	290bbls	Surface		100bbls
6 1/4"	4 1/2" / L-80	11.6#	- 0		8461'	n	ı/a		277sx-Premuim Lite	99bbls	3480'	== 9 -1	n/a
		 							· · ·				
										- U .	IL CONS.		¥" a
24 Tubing Record	5 10 00			1 - 2	1	10.00	. 1		1 0 1 00			T	5 (5 (0.45)
Size 2 3/8", 4.7#, L-80	Depth Set (MD) 8231'	Pac	ker Depth (MD) n/a	S12	ie L	epth Set (MD	"	P	acker Depth (MD)	Size	Depth Set (N	AD)	Packer Depth (MD)
25 Producing Interval					26	Perforation Re	ecord						
	Formation		Тор	Bott			Perforated		rval	Size	No Holes		Perf Status
A) B)	Lower Mancos Upper Mancos		7378' 7137'	764			3S1 3S1			.34"	60 60		open open
C)	TOTAL		7137	- 132			50.			.54	120		орен
D)			1										
27 Acid, Fracture, Ti	Depth Interval	e, etc	···					Anio	int and Type of Material				
	7378' - 7648'		Frac'd w/ 50	568gals 70%	X-Link Fown	water w/ 149			rizona sand. Pumped 114	tbbls of fluid.			
	7137' - 7328'		Frac'd w/ 44	772gals 70%	X-Link Fowm	water w/ 149	9,576# of 20	/40 A	rizona sand. Pumped 111	lbbls of fluid.			
	7701, 1000						···········						
28. Production - Inter		lv.	-	101	10		1010			In t	N		
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API		Gas Gravity	Production	Meinod		
	:												
9/07/2012 GRC	9/14/2012	1hr.		n/a /boph	19/mcf/h	trace/bwph			n/a		FLC	WING	3
Choke Size	Tbg Press Flwg.	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio		Well Status				
				1									
1/2"	SI-616psi	SI-537psi		n/a/bopd	451/mcf/d	5/ bwpd	n/a				SHUT IN		
28a Production - Inte Date First	Test Date	Hours	Test	Oıl	Gas	Water	Oil Gravity		Gas	Production	Method		
Produced	İ	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						
	ler	1	1 .	I	I	I	1		1				

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

MODEFIED FOR RECORD

OCT 0 1 2012

PARMANGTON FIELD OFFICE



Date First	- Interval C	•								
	Test Date	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method	
roduced		Tested	Production	BBL	MCF	BBL	Corr. API	Gravity		
				0.1		337.4	C/01	W-II Ctatus		
hoke ize	Tbg Press. Flwg	Csg Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status		
20	SI	l less.	reace	DDD.	1,,,,,,,	BBB	1	1		
D. Duadantan	Internal D	<u> </u>						<u> </u>	· ·	
Re Production ate First	Test Date	Hours	Test	Oti	Gas	Water	Oil Gravity	Gas	Production Method	
oduced		Tested	Production	BBL	MCF	BBL	Corr. API	Gravity		
						1				
noke	Tbg. Press	Csg.	24 Hr	Oil	Gas	Water	Gas/Oıl	Well Status		
ze	Flwg	Press	Rate	BBL	MCF	BBL	Ratio			
	SI						1			
. Disposition	of Gas <i>(Solid,</i>	used for fuel,	vented, etc.)				I			
						mo pr	l dox b			
Summary o	f Porous Zone	s (Include Aqui	fers):			10 81	SOLD	31 Format	ion (Log) Markers	
. Summay o	1 1 010115 120110	5 (14.0)						(6)	
			contents thereof:				it,	ĺ		
including dep	pin interval tes	tea, cushion use	ed, time tool ope	ii, nowing an	iu snut-in pr	essures and				
								ļ		
				1				1		Тор
Formatio	on	Тор	Bottom		Descrip	tions, Conte	nts, etc.		Name	Meas. Depth
								ļ		
Ojo Alan		3301'	3540'			White, cr-gr ss			Ojo Alamo	3301'
Kirltand	1	3540'	3806'		Gry sh interbe	dded w/tight,	gry, fine-gr ss	1	Kırltand	3540'
Fruitland		3806'	3963'	Dk gry-gry			-med gry, tight, fine gr ss.		Fruitland	3806'
	tured Cliffs 3963' 4160' Bn-Gry, fine grn, tight ss Lewis 4160' N/A Shale w/ siltstone stingers anto Bentonite N/A 4937' White, waxy chalky bentonite				Pictured Cliffs Lewis	3963' 4160'				
				Huerfanito Bentonite	N/A					
HacHamio Be	Antonino	14/24	4557	white, waxy charky demonite			Tractianito Bolitonito	1771		
Chacra	ı	4937'	5555'	Gry f	n grn silty, gla	nuconitic sd sto	one w/ drk gry shale		Chacra	4937'
Mesa Ver	rde	5555'	5805'		Light gry, m	ed-fine gr ss, c	arb sh & coal		Mesa Verde	5555'
Menefe	e	5805'	6143'		_	y, fine gr ss, c			Menefee	5805'
Point Loo!	kout	6143'	6666'	Med-light gr	y, very fine g	r ss w/ frequen formation	t sh breaks in lower part o	of	Point Lookout	6143'
Manco		6666'	7303'		I	Dark gry carb s	h		Mancos	6666'
	İ			Lt gry to b		-	s & very fine gry gry ss w/	,	~ "	
Gallup		7303'	8094'			rreg interbed s			Gallup	7303'
Greenho Granero		8094' 8160'	8160' 8188'			calc gry sh w/ i , fossil & carb			Greenhorn Graneros	8094' 8160'
		- 1	0.00	Lt to dark g	ry foss carb sl	calc si sitty ss	w/ pyrite incl thin sh band	ls		
Dakota Morriso		8188'		Interh		ly Y shale brea	ks & fine to coard grn ss		Dakota Morrison	8188'
		ide plugging pr	ocedure)	Interc	ed gin, oin &	1ed waxy sii e	e mie to coard gin ss		Monison	1
	,	. 65 51	This is a Bl	anco Mesav	erde, Basir	Mancos &	Basin Dakota commi	ingle well un	der DHC4526.	
					propriate bo	xes				
3. Indicate w	hich items hav	e been attacher	l by placing a ch	ck in the an	,					
_			l by placing a ch	eck in the ap						
_		re been attached Logs (1 full set		ск и пе ар	Geo	ologic Repor	t DS	T Report	Directional Su	rvey
X Electrica	al/Mechanical		req'd)	eck in the ap	_	ologic Repor e Analysis		T Report	Directional Su	rvey
X Electrica	nl/Mechanical	Logs (1 full set	req'd)		Cor	e Analysis	Otl	her.	Directional Su	rvey
X Electrica Sundry 1 4. I hereby co	al/Mechanical Notice for plug	Logs (1 full set	req'd) nt verification ttached informati	on is comple	Cor	e Analysis	Otl	her.	attached instructions)*	rvey
X Electrica Sundry 1 4. I hereby co	nl/Mechanical	Logs (1 full set	req'd) nt verification ttached informati		Cor	e Analysis	Otl	her.	attached instructions)* Staff Regulatory Tech.	rvey

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