UNITED STATES

RCVD JUL 20'12 OHLACONSAEDIV.

DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT	OMB No. 1004-01 Expires July 31, 20
WELL COMPLETION OR RECOMPLETION REPORT AND LOG 7 2017	5 Lease Serial No

					· · · · · · · · · · · · · · · · · · ·		J.	OF 11 7012		SF-07926	5		
la Type of We	11	O:l Well	X Gas V	Vell	Dry	Other			6 If Indian, Allot	tee or Tribe Name	<u>, , , , , , , , , , , , , , , , , , , </u>		
b Type of Cor	npletion X	New Well	☐ Work	Over	Deepen	Plug I	_{Back} ra∏l	maten Field Office	anagem 7-, Unit or CA Agreement Name and No				
		Other				1	Bureau (of Land Managem	1].7• ¡Unit or CA A	greement Name an	d No		
2 Name of Ope	erator							**	8 Lease Name at	nd Well No	· · · · · · · · · · · · · · · · · · ·		
		B	urlington F	esources	Oil & Gas					KLEIN 19P			
3 Address	O Box 4289, 1	Farmingto	n NM 8749)	3a Phone No	,	a code) 505) 326-9	700	9 API Well No	30-039-307	70		
	Well (Report local				l requirements)		303) 320-7	700	10 Field and Poo		70		
										BASIN DAKO)TA		
At surface			τ	NIT G (SW/	NE), 2394' FNL	& 2099' FEI				M , on Block and			
									Survey or A	rea SEC: 34, T26	N. R06W		
At top prod	Interval reported	below			UNIT G (SW/N	E), 1956' FN	L & 2380' FI	EL	12 County or Pa		13 State		
At total dept 14 Date Spudd		lie n	ate T D Reache		W/NE), 1956' F		EL			Arriba OF, RKB, RT, GL)*	New Mexico		
•	/26/2012	li D	4/12/20		16 Date C	D&A	X Ready	to Prod 6/18/2012 GRC	17 Elevations (I	6683'			
18 Total Depth		74		Plug Back T	D	MD	7445'	20 Depth Bridge Plug S	let	MD			
	TVD		14'			TVD	7384'	,		TVD			
21 Type Elect	rıc & Other Mech	anıcal Logs I	Run (Submit coj	y of each)				22 Was well cored?		X No	Yes (Submit analysis)		
			GR/CC	L/CBL				Was DST run?		X No	Yes (Submit report)		
								Directional Survey	79	No X	Yes (Submit copy)		
23 Casing and	Liner Record (Re	port all string	gs set in well)								-		
Hole Size	Size/Grade	Wt (#/	ft) Top (MD)	Bottom (MD)	1 -	Cementer	No of Sks &	Slurry Vol (BBL)	Cement top*	Amount Pulled		
12 1/4"	9 5/8" / H-40	32.3#			234'		n/a	Type of Cement 76sx-Pre-mix	22bbls	Surface	5bbls		
8 3/4"	7" / J-55	23#	0		4792'		n/a	633sx-Premuim Lite	228bbls	Surface	62bbls		
6 1/4"	4 1/2" / L-80	11.6#	0		7468'	n/a		212sx-Premuim Lite	76bbls	TOC @ 3620'	n/a		
										 			
	 				_								
24 Tubing Rec	ord									<u></u>			
Size	Depth Set (M	ID) Pa	cker Depth (MI) 5	Size	Depth Set (MI	D)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)		
2 3/8"	7361'		n/a		120	N. C D				J			
25 Producing I	Formation		Тор	Bo	- 26	Perforation R	Perforated	Interval	Size	No Holes	Perf Status		
A)	Dakota		7293'		430'		2SI		.34"	38	open		
В)	Dakota		7205'	72	262'		1SF	PF	.34"	10	ореп		
C) D)									 				
	ure, Treatment, Co	ement Squeez	e, etc										
	Depth Interval						- 1	Amount and Type of Material					
	7205' - 7430'				6 HCL. Frac'd	w/ 130,384ga	ls of 70% Qu	ality Slick Foam pad w/ 41,1	56# of 20/40 Brow	n sand. Pumped 112	bbls flush. Total		
	7203 - 7430		N2:2,386,2	DUSCF									
28 Production	Interval A												
Date First	Test Date	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production	Method	_		
Produced		Tested	Production	BBL	MCF	BBL	Corr API	Gravity					
				1			Ì .						
6/18/2012 Choke	6/21/2012 Tbg Press	1hr. Csg	24 Hr	n/a /boph	Gas	trace /bwpl Water	Gas/Otl	Well Status		FLOWI	NG		
Size	Flwg	Press	Rate	BBL	MCF	BBL	Ratio	wen status					
	}						}						
1/2"	SI-926psi	SI-823psi		n/a /bopc	1,239 /mcf/d	7 / bwpd	n/a		s	HUT IN			
28a Production	Test Date	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production	Method			
Produced	1 2 3 2 3 10	Tested	Production	BBL	MCF	BBL	Corr API	Gravity	Todaction				
							1						
	ari n	-		-		177 .	0 /6:						
Choke Size	Tbg Press Flwg	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status					
	SI		reace										
	I	l .		1	1	1	ı	1					

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

NMOCD

ASSETTED FOR RECORD

JUL 18 2012

PARAMOTON FIELD-OFFICE 50-

										<u></u>	
28b Production Date First	- Interval Test Date		Jourg	Test	lou.	Gan	Water	Oil Gravity	Goo	Production Method	
Produced	1 est Date		Hours Fested	Production	Oil BBL	Gas MCF	Water BBL	Corr API	Gas Gravity	r roduction ivietnod	
Choke	Tbg Pres	· ·	Csg	24 Hr	Oil	Gas	Water	Gas/Oil	Well Status	<u> </u>	
Size	Flwg		⊃sg Press	Rate	BBL	MCF	BBL	Ratio	wen status		
	SI										
28c Production	Inter 1 7										
Date First	Test Date		Tours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method	
Produced			Γested	Production	BBL	MCF	BBL	Corr API	Gravity		
Choke	Tbg Pres	. (Csg	24 Hr.	Oil	Gas	Water	Gas/Oıl	Well Status	<u> </u>	
Size	Flwg	í	Press	Rate	BBL	MCF	BBL	Ratio	Wen Status		
	SI										
10 T)	- f C (C -	1.1 1.6	C . 1		l		<u> </u>				<u> </u>
29. Disposition	or Gas (So	na, usea je	or juei, ve	гпіва, віс.)							
							TO BE	SOLD			
0 Summary of	Porous Zo	nes (Inclu	de Aquif	ers)					31 Formati	on (Log) Markers	
Show all	ortant zozo	o of non-	ity and ca	ontents thereof	Cored inte-	uale and all 4	Irill_ctors too	·+			
_		-	-	ntents thereor l, time tool oper				,			
recoveries		, 000				p. v					
					Γ						Top
Formation	1	Тор		Bottom		Descript	nons, Conte	nts, etc		Name	Meas Depth
				<u></u>				<u></u>			<u> </u>
Ojo Alam	0	2303'		2524'			White, cr-gr ss			Ojo Alamo	2303'
Kırltand		2524'		2716'	ļ '	Gry sh interbed	ided w/tight, g	gry, fine-gr ss		Kırltand	2524'
Frutland		2716'		2933'	Dk gry-gry	carb sh, coal, g	grn silts, light-	med gry, tight, fine gr	ss	Fruitland	2716'
Pictured Cli	ffs	2933'		3067'	Bn-Gry, fine grn, tight ss					Pictured Cliffs	2933'
Lewis	ł	3067'		3371'	Shale w/ siltstone stingers					Lewis	3067'
Huerfanito Ben	itonite	3371'		3441'	White, waxy chalky bentonite					Huerfanıto Bentonite	3371'
Chacia		3441'		4419'				and sold date ones also la		Chacra	3441'
Mesa Verd	le l	4419'		4633'	Gry	n grn snty, giat Light gry, me		ne w/ drk gry shale		Mesa Verde	4419'
Menefee		4633'		5199'		Med-dark gry				Menefee	4633'
Meneree		4033		3199	Mad light on	٠,	•	i o si & coai i sh breaks in lower pa	urt of	Meneree	4033
Point Look	out	5199'	-	5520'	Med-light gi	y, very mie gr	formation	i sii breaks iii lower pa	11 01	Point Lookout	5199'
Mancos	- 1	5520'	-	6216'	Į	Di	ark gry carb sl	h	· ·	Mancos	5520'
0.11	1	(21.6)		5000	Lt gry to b			& very fine gry gry ss	s w/	0.11	(21.6)
Gallup	_	6216' 7096'		7096'			eg interbed s			Gallup Greenhorn	621 <i>6</i> ' 709 <i>6</i> '
Greenhon Graneros		7096 7147'		7147' 7203'		Dk gry shale,	alc gry sh w/ti			Graneros	7147'
	'				Lt to dark gr			w/ pyrite incl thin sh b	ands		
Dakota		7203'		7475'		•	Y shale breal			Dakota	7203'
Morrison 2. Additional r		clude plug	ana proc	edure)	Interb	ed grn, brn & r	red waxy sh &	fine to coard grn ss	<u> </u>	Morrison	
2. Additional i	emarks (m	citide plug	ging proc		anco Mesav	zerde, Basin	Dakota &	Basin Mancos trii	mingle well unde	er DHC4500.	
						, ,					
3 Indicate whi	ich items h	ave been a	ttached b	y placing a che	ck in the app	ropriate box	es.				
X Electrical/	Mechanica	al Logs (1	full set re	q'd)		Geol	ogic Report		DST Report	Directional Su	urvey
Sundry No	otice for pl	ugging and	d cement	venfication	-	Core	Analysis		Other		
4 I hereby cer	tify that the	e foregoing	g and atta	ched information	n is complet	e and correc	as determi	ned from all availal	ble records (see a	ittached instructions)*	
Name (please prin	nt) A	11	Mar Mar	ie E Jarami	110//		Title		Staff Regulatory Tech	
Signatu	re	<u>}</u> [l	<u> </u>	A	J/Z	1	/	Date		7/13/13)
Title 18 U S C S	Section 100	Ol and Titl	le 43 U S	E Section 121	2 make it a	crime for any	y person kno	owingly and willful	ly to make to any	department or agency of the Ur	nited States any
alse, fictitious o				1	,						
(Continued on t	page 3)			\	/						(Form 3160-4, page
_omanou on L				. /							(- 51 100 - 1, pube

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

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

JUL 17 2012

RECEIVED

RCVD JUL 20'12

Expires July 31, 2010

		WEL	L COMPLET	ION OR F	RECOMPLE	ETION RE	PORT AN	ND FO	G rmington F	ield Ö	ease Serial No	SF-07	9265	
1a Type of Wel	11	Oıl Well	X Gas We		Dry	Other		रेपा एट	u oi Land	रणव हुट्य	and an Allotte	e or Tribe Nan	ne.	
b Type of Con	=	New Well	∏ Work (Deepen	Plug B		Diff Re		"	amaian, amond	01 11100 11411		
	.,	Other		<u> </u>	1		المما		,	7. U	Jnit or CA Agr	eement Name	and N	No
2 Name of Ope	rator	Bı	ırlington Re	sources	Oil & Gas (Company				8 L	ease Name and	Well No	19P	
3 Address					3a Phone No	(include area	,			9 A	PI Well No.			
	O Box 4289, I Vell (Report locat			with Federal	reaurements)*		505) 326-9	700		10	Field and Pool	30-039-		<u> </u>
7 Documentor (ren (neporrioen	ion ciounty un	a in accordance	mm I oderen	equirement					1,0	r icia alla 1 001	BASIN M.		S
At surface			UN	IT G (SW/NI	E), 2394' FNL	& 2099' FEL				11	Sec, T, R, M			
											Survey or Are	sa SEC: 34,	T26N. 1	R06W
At top prod	Interval reported	below		U	NIT G (SW/N	E), 1956' FNI	L & 2380' F	EL		12	County or Pari			13 State
At total dansl	L.			INIT C (SW	/NE), 1956' FN	II & 2390'E	E i				Dia /			New Mexico
At total depti		15 Da	te T D Reached	JIII G (31)	16 Date Co		EL			17	Elevations (DI	Arriba F, RKB, RT, G	L L)*	New Mexico
3,	/26/2012		4/12/201	2		D&A	X Read	y to Proc	6/15/2012 GI	RC	`	668	3'	
18 Total Depth	MD TVD	747 741	I	Plug Back T D)	MD TVD	7445' 7384'	20	Depth Bridge Pl	lug Set		MD TVD		
21 Type Electr	ric & Other Mech	anıcal Logs Rı	ın (Submit copy	of each)				22	Was well cored	19		X No	Ye:	s (Submit analysis)
			GR/CCL	CBL					Was DST run	?		X No	Ye:	s (Submit report)
									Directional Su	ırvey?		☐ No	X Ye	s (Submit copy)
23 Casing and	Liner Record (Rej	ooit all strings	set in well)				5I		N. COL B		01 . 37.1		-	
Hole Size	Size/Grade	Wt (#/ft) Top (M	D) E	lottom (MD)	_	Cementer epth		No of Sks & Type of Cement		Slurry Vol (BBL)	Cement to	p*	Amount Pulled
12 1/4"	9 5/8" / H-40	32.3#	0		234'		ı/a		76sx-Pre-mix		22bbls	Surface	$\overline{}$	5bbls
8 3/4" 6 1/4"	7" / J-55 4 1/2" / L-80	23# 11.6#	0		4792' 7468'	-1	1/a		33sx-Premuim Lit 12sx-Premuim Lit		76bbls	Surface	-	62bbls
0 1/4	4 1/2 / L-80	11.0#	- 0		7400		1/a		1288-Premuim Li	ie	/ODDIS	TOC @ 36	20	n/a
24 Tubing Reco	ord	l,												
Size	Depth Set (M	D) Pac	ker Depth (MD)	Sız	re D	epth Set (MD))	Pacl	ker Depth (MD)		Size	Depth Set (!	MD)	Packer Depth (MD)
2 3/8"	7361'		n/a		26	D C . D		-						
25 Producing In	Formation		Тор	Bott		Perforation R	Perforated	d Interva			Size	No Holes	Ι	Perf Status
A)	Lower Manc	os	6440'	659	8' ,		381	PF			.34"	51		open
B) C)	Upper Manc	os	6232'	636	54'		381	PF		_	.34"	51		open
D)														
27 Acid, Fractu	ire, Treatment, Ce	ment Squeeze	, etc	-		-								
	Depth Interval		Acidize w/ 10	bbls of 15%	HCL. Frac'd v	v/ 133.350gal			and Type of Mate		3# of 20/40 Br	own sand. Par	nned 1	00bbls flush. Total
	6440' - 6598'		N2:1,246,400	<u>SCF</u>										
	6232' - 6364'		Acidize w/ 10 N2:3,179,600		HCL. Frac'd v	v/ 182,112gal	s of 70% Qu	nality N2	2 25# X-Link/foar	m w/ 165,7	38# of 20/40 B	rown sand. Pi	imped :	97bbls flush. Total
			11,2,0,11,5,000											
				_										
28 Production Date First	- Interval A Test Date	Hours	Test	Oil	Gas	Water	Oil Gravity	1	Gas		Production M	ethod		
Produced			Production	BBL		BBL	Corr API		Gravity					
6/15/2012	6/21/2012	1hr.		n/a /boph	13 /mcf/h	1 /bwph	n/a		n/ <u>a</u>			FLC	OWING	;
Choke Size	Tbg Press Flwg		24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio		Well Status					
			Kale											
1/2" 28a Production	SI-926psi	SI-823psi		n/a /bopd	316 /mcf/d	24 / bwpd	n/a				SH	UT IN		
Date First	Test Date	! L	Test	Oil	Gas	Water	Oil Gravity		Gas		Production M	lethod		
Produced		Tested	Production	BBL	MCF	BBL	Corr API		Gravity					
			—						1					
Choke	Tbg Press	1 ~ 1	24 Hr	Oil	Gas	Water	Gas/Oil		Well Status		-			
Size	Flwg SI	Press	Rate	BBL	MCF	BBL	Ratio							
	~*	1					İ							

NMOCD

ASSEPTED FOR RECORD

JUL 18 2012

PARAMOTON FIELD OFFICE -V2 VF

28b Production	ı - Interva	I C									
Date First Produced	Test Dat	te	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method	
Choke Sıze	Tbg Pre Flwg SI	ess	Csg Press	24 Hr Rate	Oıl BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	1	
28c Production	ı - Interva	1 D	<u> </u>		<u> </u>	<u> </u>			L		· <u>-</u>
Date First Produced	Test Da		Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method	
Choke Size	Tbg Pre Flwg SI	ess	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	J.	
29. Disposition	of Gas (S	Solid, used	for fuel, v	ented, etc.)							
							TO BI	E SOLD			
30 Summary o	of Porous 2	Zones (Inc	lude Aquif	fers)					31 Formati	on (Log) Markers	
-		-	-	ontents thereof d, time tool ope				st,			
					T						Тор
Formatic	on	Top	·	Bottom	Descriptions, Contents, etc					Name	Meas Depth
Ojo Alan	no	2303	3'	2524'	1		White, cr-gr s	s	1	Ojo Alamo	2303'
Kultano	d	2524	l'	2716'		Gry sh interbe	edded w/tight,	gry, fine-gr ss		Kultand	2524'
Fruitlan	ıd	2716	5'	2933'	Dk gry-gry	carb sh, coal,	grn silts, light	-med gry, tight, fine gr ss		Frutland	2716'
Pictured C	hffs	2933	3'	3067'			iry, fine grn, tı			Pictured Cliffs	2933'
Lewis	: [3067	7'	3371'		Shale	w/ siltstone s	tingers		Lewis	3067'
Huerfanito Be	entonite	3371	ι'	3441'		White,	waxy chalky b	pentonite		Huerfanito Bentonite	3371'
Chacra	,	344	, l	4419'	Grv	fn orn silty oli	auconitic sd st	one w/ drk gry shale		Chacra	3441'
Mesa Ver	i	4419		4633'			ed-fine gr ss, o			Mesa Verde	4419'
Menefe	e l	4633	3'	5199'			ry, fine gr ss, c			Menefee	4633'
	İ		Ì		Med-light g			nt sh breaks in lower part o	of		
Point Look	kout	5199	₽'	5520'		,, ,	formation	•		Point Lookout	5199'
Manco	s	5520)'	6216'			Dark gry carb s			Mancos	5520'
Gallup	,	6210	s'	7096'	Lt gry to t		ncac gluac silt rreg interbed :	s & very fine gry gry ss w/		Gallup	6216'
Greenho		7090	1	7147'			calc gry sh w/			Greenhorn	7096'
Granero	- 1	714		7203'			, fossil & carb			Graneros	7147'
Dakota		720:	3'	7475'	Lt to dark g	ry foss carb sl		w/ pyrite incl thin sh band	ls	Dakota	7203'
Моггис		, 20.			Inter		•	% fine to coard grn ss		Morrison	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
32 Additional		(ınclude pl	ugging pro	ocedure):							L.
				This is a E	Blanco Mesa	verde, Basi	n Dakota &	Basin Mancos trimir	ngle well und	er DHC4500.	
33. Indicate w	inch items	s have bee	n attached	by placing a ch	eck in the ap	propuate bo	oxes				

DST Report X Electrical/Mechanical Logs (1 full set req'd) Geologic Report Directional Survey Other Core Analysis Sundry Notice for plugging and cement verification 34 I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)* Name (please print) E. Jaramıllo Title Staff Regulatory Tech Signature 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, ficutious or fraudulent statements or representations as to any matter within its jurisdiction

Form 3160-4 (August 2007)

RECEIVED

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

JUL 17 2012

Expires July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND COGNITION Field Stillesse Serial No Rureau of Land Managemen

							Dui	eau oi Lanu Mana	igeme _{n.}	SF-07926	5			
la Type of We		Oil Well	X Gas V		Dry	Other			6 If Indian, Allott	ee or Tribe Name				
b Type of Cor	npletion X	New Well	Work	Over	Deepen	Plug B	ack I	Diff Resvr,	7 Int or CA A=	reement Name and	No			
		Other							/ Unit of CA Ag	eement Name and	INU			
2 Name of Ope	rator					_			8 Lease Name and					
3 Address		В	urlington R	esources	Oil & Gas (3a Phone No		a andal		KLEIN 19P 9 API Well No					
P	O Box 4289, I				Ì	· (:	505) 32 6-97	700	AFIWEIING	30-039-307	70			
4 Location of V	Vell (Report local	ion clearly ai	nd in accordanc	e with Federal	requirements)*				10 Field and Pool					
At surface			T	NIT C (SW/N	E), 2394' FNL	& 2000' EEL			II Sec T P N	BLANCO M	<u> </u>			
At Surface			·	1111 0 (51///11	D), 2007 THE	C 20// 120			11 Sec, T, R, M, on Block and Survey or Area					
										SEC: 34, T26N				
At top prod	Interval reported	below		ι	JNIT G (SW/N	E), 1956' FNI	L & 2380' FE	L	12 County or Par	rish	13 State			
At total depti	h			UNIT G (SW	/NE), 1956' FN	NL & 2380' F	EL		Rio.	Arriba	New Mexico			
14 Date Spudd		15 Da	ate T D Reache		16 Date C	• '		- D1 (15/2012 CDC	17 Elevations (D	F, RKB, RT, GL)*				
18 Total Depth	/26/2012 MD	74	4/12/20	Plug Back T I	_	D&A MD	X Ready 7445'	to Prod 6/15/2012 GRC 20 Depth Bridge Plug Se	<u> </u>	6683' MD				
10 Total Deptr	TVD	74	I	ing Dack I I		TVD	7384'	20 Depth Bridge ring Se		TVD				
21 Type Elect	rıc & Other Mech	anıcal Logs R	un (Submit cop	y of each)				22 Was well cored?		X No Y	es (Submit analysis)			
			GR/CC	L/CBL				Was DST run?		X No	es (Submit report)			
					_			Directional Survey	7	No X	es (Submit copy)			
23 Casing and	Liner Record (Re	port all string	s set in well)	- 1		C+	Coment T	No of Class Co.	Chu V-1					
Hole Size	Size/Grade	Wt (#/fi	t) Top(MD) I	Bottom (MD)	1 -	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		234'		n/a	76sx-Pre-mix	22bbls	Surface	5bbls			
8 3/4"	7" / J-55	23#	0		4792'		1/a	633sx-Premuim Lite	228bbls	Surface	62 bbls			
6 1/4"	4 1/2" / L-80	11.6#			7468'		1/a	212sx-Premuim Lite	76bbls	TOC @ 3620'	n/a			
04 T. L		1								1	<u></u>			
24 Tubing Rec Size	Depth Set (M	ID) Pa	cker Depth (MI) Sı	ze I	Depth Set (MI	D)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)			
2 3/8"	7361'		n/a							1 ` `				
25 Producing Ir			То-	Bot		Perforation R	ecord Perforated	Interval	S ₁₋₀	No Holes	Perf Status			
A)	Formation Top			54			1SP		Size .34"	25	open			
B)														
C) D)			_											
	ire, Treatment, Ce	ment Squeez	e, etc				-		<u> </u>					
	Depth Interval							mount and Type of Material						
	4989' - 5491'		Acidize w/ N2:1,441,0		HCL. Frac'd	v/ 109,844gal	s of 70% Qua	dity N2 Slick foam w/ 97,280	# of 20/40 Brown s	and. Pumped 73bbl	s foamed flush. Total			
	4,00, 0.01		112.1,441.0	M3CF_		_								
			-		_									
28 Production	- Interval A													
Date First	Test Date	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production N	lethod				
Produced		Tested	Production	BBL	MCF	BBL	Corr API	Gravity						
6/15/2012	6/21/2012	1hr.		n/a /boph	10 /mcf/h	3 /bwph	n/a	n/a		FLOWI	NG			
Choke	Thg Press	Csg	24 Hr	Oil	Gas	Water	Gas/Oil	Well Status						
Size	Flwg	Press	Rate	BBL	MCF	BBL	Ratio	1						
1/2"	SI-926psi	SI-823psi		n/a /bopd	251 /mcf/d	81 / bwpd	n/a		SI	IUT IN				
28a Production Date First	- Interval B Test Date	Hours	Test	Oil	Toos	Water	Oil Grant	Con	Dec duration A	Anthod				
Date First Produced	1 est Date	Hours Tested	Production	BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production N	nemod				
								1						
GI 1	TI . D	0	24.11-	0.1	C	1,07.	G16:	11/ II G						
Choke Size	Tbg Press Flwg	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status						
D. 120	SI	. 1033	Kate											
						ľ								

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

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ASSEPTED FOR RECORD JUL 18 2012 PARAMICION PIELD OFFICE

8b. Productio	on - Interval	С									
te First	Test Date		ours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method	
duced		Te	ested	Production	BBL	MCF	BBL	Corr API	Gravity		•
						_ _			<u> </u>		
oke	Tbg Pres	1	sg	24 Hr.	Oil	Gas	Water	Gas/Oil	Well Status		
:	Flwg SI	Pr	ress	Rate	BBL	MCF	BBL	Ratio			
							_!				
Productio e First	on - Interval		ours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method	
duced	Tost But		ested	Production	BBL	MCF	BBL	Corr API	Gravity		
				\rightarrow							
oke	Tbg Pres	ss C	sg	24 Hr	Oil	Gas	Water	Gas/Oıl	Well Status		
e	Flwg	Pı	ess	Rate	BBL	MCF	BBL	Ratio			
	SI										
Disposition	n of Gas (So	lid, used for	r fuel, ver	ited, etc)		'			_		
							TO RE	SOLD			
Summary of	of Porous Z	ones (Includ	le Aquifer	rs)			10 11	ЗОЦЬ	31 Format	ion (Log) Markers	
61 11		c :			0 1 4						
	-	-	-	time tool oper				t,			
recoveries			,		,						
											Тор
Formation	ion	Тор		Bottom		Descript	ions, Conte	nts, etc		Name	Meas Depth
Ojo Alai	mo	2303'		2524'		······································	Vhite, cr-gr ss	·		Ojo Alamo	2303'
Kırltan	I .	2524'		2716'	,	Gry sh interbed				Kultand	2524'
Fruitlan	nd	2716'		2933'	Dk gry-gry	carb sh. coal.	ern silts, light-	med gry, tight, fine gr s	s	Fruitland	2716'
Pictured C		2933'	į	3067'	Bn-Gry, fine grn, tight ss					Pictured Cliffs	2933'
Lewis	s	3067'		3371'	Shale w/ siltstone stingers			Lewis	3067'		
Iuerfanito Be	entonite	3371'		3441'	White, waxy chalky bentonite				Huerfanito Bentonite	3371'	
Chacra	a	3441'		4419'	Gry fr	ı grn sılty, glaı	iconitic sd sto	ne w/ drk gry shale		Chacra	3441'
Mesa Ve	erde	4419'		4633'	Light gry, med-fine gr ss, carb sh & coal			Mesa Verde	4419'		
Menefe	èe	4633'		5199'	į	Med-dark gry	, fine gr ss, ca	arb sh & coal		Menefce	4633'
Point Loo	skout	5199'		5520'	Med-light gr	y, very fine gr	ss w/ frequent formation	sh breaks in lower part	of	Point Lookout	5199'
Manco		5520'		6216'		Da	ark gry carb si	า		Mancos	5520'
o "		(01.0)		#00 <i>0</i>	Lt gry to br		_	& very fine gry gry ss	v/	0.11	(0)(1)
Gallup Greenho	· I	6216' 7096'		7096' 7147'			eg interbed sl ilc gry sh w/ tl			Gallup Greenhorn	6216' 7096'
Granero	· I	7147'		7203'		Dk gry shale,				Graneros	7147'
Dakota		7203'		7475'	Lt to dark gr		alc sl sitty ss Y shale breal	w/ pyrite incl thin sh bar	nds	Dakota	7203'
Morriso		7203		1413	Interbe	•		fine to coard grn ss		Morrison	7203
Additional	l remarks (m	iclude plugg	ging proce		•			Basin Mancos trim			
				nlacing a che	ck in the app	ropriate box	es.	Пп	ST Report	Directional Sur	DIAY.
_						Geol					
X Electrica	which items be al/Mechanic Notice for p	al Logs (1 f	ùil set req	(b)		_	Analysis		ther		,
X Electrica	al/Mechanic	al Logs (1 fi	ull set req	'd) erification	n is chinnlet	Core	Analysis		ther		
Sundry 1	Notice for p	al Logs (1 fi	ull set req	'd) erification	n is complet	Core	Analysis		ther	attached instructions)*	
X Electrica Sundry 1	al/Mechanic	al Logs (1 fi	ull set req	erification	n is complet	Core	Analysis		ther		
X Electrica Sundry 1	Notice for p ertify that the	al Logs (1 fi	ull set req	erification	'	Core	Analysis	Oned from all availabl	ther	attached instructions)*	

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