Form 3169-4 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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

	and spaces for addition		•					1000						
hoke ize	Tbg Press Flwg. SI	Csg Press.	24 Hr.	Oıl BB		Water BBL	Gas O Ratio	ul We	ell Status	-				
Pate First roduced	Test Date	Hours Tested	Test Production	Oil BB		Water BBL	Oil Grav Corr A		avity	Produc	tion Method	on Method		
	ion-Interval B													
oke e 1/2"	Tbg Press Flwg SI fl 300 :	Csg Press F1 670	24 Hr	Oil BB		Water BBL	Gas O Ratio	ou W	ell Status				-22	4101681
	8/18/11	2			0 1800	22					-	flow	ing (C)	*
te First	Test Date	Hours Tested	Test Production	Oil n BE		Water BBL	Oil Grav		as avity	Produc	etion Method		ing c	<u>- CONS, DI</u> V. I
Producti	on - Interval A		728,	120 (gallons 13	<u>ur /00</u>	roam,	#UU0,€€	20/40	sana			12	
RTSDC	o Mesavero	ne			. 15% HCL	2CD 700	form	99 600# 1	20/40	eand			12 1	AUB 20
	- V	J_			gallons FF	-66, 16	0,500	# 20/40 Sa	ana				<u>/∞</u>	ECEIV
Bas	in Dakota				. 15% HCL	_66 10	0 500	# 20/40 ~-	and				/0°V	· /\
	Depth Interval				450	_		Amount and Ty	pe of Ma	terial			(02)	223242
	racture, Treatm	nent, Cerr	ent Squeez	e, Etc.	<u> </u>									0224
						_5	4,578	8-94'	1	41"	24		1 s	pf
Blanco Mesaverde		erde	5188		6152'	5710-2	0',573	736-40,5750						
) Italian personal								7860-72' .41"		90		3 s	pf	
Basin Dakota		ta	7826	•	7980'	7732'-	<u>38,</u> 775	52-58 ' 7834						
	Formation		Тор		Bottom		erforated			Size	No Holes		Perf Stat	us
	ing Intervals				1	26. Perfo	oration R	ecord						
Size 2.375"	Depth Set (1)	MD) I	Packer Depth	(MD)	Size	Depth Se	et (MD)	Packer Dept	n (MD)	Size	Depth Set	(MD)	Packer D	Pepth (MD)
		m) 1		0.5:	0:	Di-d C	· (i/D)	De -l D	L (MT)	0:	D= 4.6	(M/D)	Deed 2	handh (1.00)
Tubing	Record					<u> </u>		J					L	
							ı						ļ	
														
25"	4.50"	11.6	‡		7979'			330 sk	s		34001	TS	0	pulled
750''	7.0"	23#			3804 '	1993	<u>l'</u>	410 sk				surface		s - circ
. 25''	9.625"	32.3	#		261'				133 sks			surface		s - circ
ole Size	Size/Grade	Wt (#ft		MD)	Bottom (MD)	Stage Ce Dep		No.of Sks. Type of Cen	nent	Slurry Vol (BBL)	Cement		 	nt Pulled
3. Casing	and Liner Reco	ord (Repo	ort all string	gs set ii	n well)					61 17.1	· · ·		1	
CBL		/D	4 -11 -4						Dir	ectional Sur	vey? 🗶 No		Yes (Submit	сору)
		•								s DST run	X No	=	Yes (Submit i	•
1. Type I	Electric & Other	r Mechan	ical Logs R	un (Su	bmit copy of ea	ich) ·			22. Wa	s well cored	X No		Yes (Submit a	analysis)
5. 10tail	TVD	/:	717	11		TVD	19	20			•	VD	• '	
6/25 8. Total I	/II Depth: MD		/6/11 979'	19. Pl	lug Back T.D.	MD		7/11 126'	20. D	epth Bridge		1D 1. GP		
6/05	/11	,	/6/11			_	D & A 8/17		Ready t	o FIUU.	603	1' GL		
4. Date S	pudded	15. D	ate T.D Re	ached		16. I	Date Com	-	Dacde:	o Drod	17 Elevation	ns (DF,	RKB, RT, C	GL)*
At total	depth										Rio Arril	ba	N	М
AL IOP P	iod antivarie	porteu de									12 County or			W N.M.P.
At ton n	rod interval re	norted be	low								Survey or	Area		
At surfa	¹⁰⁸ 2458	8' FSL	, 1424	' FWI	K) NE/S	Vi Sec.	8 T26	in roaw nim	PM		Blanco	Mesa R., M., o	or Block and	asin Dako I
	on of Well (Rep		-								10 Field and			
2010 F	armington,	Farmi	ngton,	NM 8	7401			505-32	<u>25–680</u>	00			24.000=	ι
Addres		s corp	Oracton				3a	Phone No. (in	nclude a	rea code)	9. API Well		.19N #8M	
	of Operator n Resource	- c	amati an					Duleau) Lane		o. Lease Iva	ne and	Well IVO.	
	0.0	0	ther					Famil	ngroni it tand		~~~~	100 T	10 C	case
b. Type	of Completion:	[New W	ell [Work Over	Deepe	n [Plug Back	Di	ff Resvr.	Jicari C-7. Unit or C	A Agree	Apache ement Name	and No.
la. Type	of Well		ell X G			Other	7	AU	IG 23	3 2011	6 If Indian,			
				******						าการ			Contract	
	WEL	L COM	PLETION	I OR	RECOMPLI	ETION R	EPOR1	r and log			3. Lease Sei			440

Toduced Date Tested Production BBL MCF BBL Gravity Corr. API Toduced Date Tested Production BBL MCF BBL Gravity Corr. API BBL Gravity Gravity Gravity Gravity Gravity Grav	8b Producti	on - Irner	val C										
Delego Production-Interval D Production-Interval D	Produced Date Tested Production BBL MC								Gravity		Production Method		
the First production of the control	Choke Sıze	Flwg.	ess		24 Hr.				Gas [,] Oıl	Well Status	Well Status		
Date Top Press Cog 24 If Dist Press	28c Product	ion-Inter	val D	l	l	<u></u>	<u> </u>						
Deposition of Gas (Sold, used for fine), vented, etc.) To be sold	Date First Produced				Production	Oil BBL			Gravity	Gas Gravity	Production Method		
Disposition of Gas (Solid used for fuel, venied, etc.) Summary of Porous Zones (Include Aquifers): Show all important zones of percesty and contents thereof. Cored intervals and all drill-seen tests, uncluding depth interval tested, cushion used, time tool open, fixiwing and shut-in pressures and recoverties. Formation Top Bottom Descriptions, Contents, etc. Name Top Meas Depth Kirtland 3125 Fruitland 3192 Pictured Cliffs 3506 Levis Shale Huserfami to Bentonite 4001 Cliff House 5188 Menefee 5323 Point Lookout 5701 Mancos 6153 Greenhorn 7640 Granecros 7701 Dakota Additional remarks (include plugging procedure): Indicate which items have bee attached by placing a check in the appropriate boxes: Electrical/Mechanical Logs (I full set reqt) Sandry Notice for plugging and cement verification Core Analysis Other.	Choke Size	Flwg -	ss.		24		Gas MCF		Gas Oil	Well Status			
Summary of Porous Zones (Include Aquifers): Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, anciding depth interval tested, cushion used, time tool open, flowing and shier-in pressures and recoveries. Formation Top Bottom Descriptions, Contents, etc. Name Top Mess Depth San Jose Surfaces Ojo Alamo Ss 2891 Kirtland 3125 Fruitland 3192 Pictured Cliffs 3506 Lewis Shale 3681 Huerfani to Bentoni te 4001 Cliff House 5188 Menefee 5323 Point Lookout 5701 Mancos 6153 Greenhorn 7640 Graneros 7701 Dakota 7826 Additional remarks (include plugging procedure):	9. Dispositio		Sold, ı	ised:for f	uel, vented, et	(c.)		to be	sold	L			
Show all important zones of porosaty and contents thereof. Cored intervals and all drill-stem tests, uncluding depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries. Formation Top Bottom Descriptions, Contents, etc. Name Top Meas Depth San Jose Surface Ojo Alamo Ss (2891) Rirtland 3125 Fruitland 3192 Pictured Cliffs 3506 Lawis Shale 3681 Huerfanito Bentonite 4001 Cliff House 5188 Menefee 5323 Point Lookout 5701 Mancos 6153 Greenhorn 7640 Graneros 7701 Dakota 7826 Additional remarks (include plugging procedure): Indicate which items have bee attached by placing a check in the appropriate boxes: Electrical/Mechanical Logs (I full set req'd) Geologic Report DST Report Directional Survey Sundry Notice for plugging and cement verification Core Analysis Other.	10 Summar	y of Poro	us Zo	nes (Incl	ıde Aquifers):		· · · · · · · · · · · · · · · · · · ·			31 Format	ion (Log) Markers		
Formation Top Bottom Descriptions, Contents, etc. Name Meas Depth San Jose Surface Ojo Alamo Ss 2891 Kirtland 3125 Fruitland 3192 Pictured Cliffs 3506 Lewis Shale 3681 Huerfanito Bentonite 4001 Cliff House 5188 Menefee 5323 Point Lookout 5701 Mancos 6153 Greenhorn 7640 Graneros 7701 Dakota 7826 Additional remarks (include plugging procedure):	Show all including	important : depth inter	zones o	of porosity	and contents th	nereof. Co							
San Jose surface Ojo Alamo Ss 2891 Kirtland 3125 Fruitland 3192 Pictured Cliffs 3506 Lewis Shale 3681 Huerfanito Bentonite 4001 Cliff House 5188 Manefee 5323 Point Lookout 5701 Mancos 6153 Greenhorn 7640 Graneros 7701 Dakota 7826 Additional remarks (include plugging procedure):	Formati	on	Т	ор	Bottom		Descri	ptions, Co	ntents, etc.		Name	i	
Ojo Alamo Ss 2891 Kirtland 3125 Fruitland 3192 Pictured Cliffs 3506 Lewis Shale 3681 Huerfanito Bentonite 4001 Cliff House 5188 Manafee 5323 Point Lookout 5701 Manoos 6153 Greenhorn 7640 Graneros 7701 Dakota 7826 Additional remarks (include plugging procedure):		-		•		- 							
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Indicate which items have bee attached by placing a check in the appropriate boxes: Electrical/Mechanical Logs (I full set req'd) Geologic Report DST Report Directional Survey Sundry Notice for plugging and attached information is complete and correct as determined from all available records (see attached instructions)*												ľ	
Huerfanito Bentonite 4001 Cliff House 5188 Menefee 5323 Point Lookout 5701 Mancos 6153 Greenhorn 7640 Graneros 7701 Dakota 7826 Additional remarks (include plugging procedure):		.		1					•	· ·			
Additional remarks (include plugging procedure): Cliff House 5323 Point Lookout 5701 Mancos 6153 Greenhorn 7640 Graneros 7701 Dakota 7826 Additional remarks (include plugging procedure): Indicate which items have bee attached by placing a check in the appropriate boxes: Electrical/Mechanical Logs (1 full set req'd) Geologic Report DST Report Directional Survey Sundry Notice for plugging and cement verification Core Analysis Other. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*	,			ł						į.			
Menefee 5323 Point Lookout 5701 Mancos 6153 Greenhorn 7640 Graneros 7701 Dakota 7826 Additional remarks (include plugging procedure):		Ì		ļ									
Additional remarks (include plugging procedure): Point Lookout 5701 Mancos 6153 Greenhorn 7640 Graneros 7701 Dakota 7826		}								[use		
Additional remarks (include plugging procedure): Indicate which items have bee attached by placing a check in the appropriate boxes: Electrical/Mechanical Logs (1 full set req'd) Geologic Report DST Report Directional Survey Sundry Notice for plugging and cement verification Core Analysis Other.		-								ì	,		
Additional remarks (include plugging procedure): Indicate which items have bee attached by placing a check in the appropriate boxes: Electrical/Mechanical Logs (1 full set req'd)										1	okout	i	
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Electrical/Mechanical Logs (1 full set req'd) Geologic Report DST Report Directional Survey Core Analysis Other. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*	. Additiona	al remarks	s (ınclı	ide plugg	ing procedure	;):	-			•	. ,	1	
Electrical/Mechanical Logs (1 full set req'd) Geologic Report DST Report Directional Survey Core Analysis Other. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*					•								
Sundry Notice for plugging and cement verification Core Analysis Other. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*	. Indicate w	vhich item	ıs have	e bee atta	ched by placi	ng a checl	c in the ap	propriate b	oxes:		-		
						cation [='			ort Directio	nal Survey		
Title Regulatory Analyst	I hereby co	ertify that	the fo	oregoing	and attached	informatio	on is comp	lete and co	rrect as determine	ed from all availabl	e records (see attached in	structions)*	
	Name (plea	se print)	An	na Sto	otts				Tit	tle Regulato	ry Analyst		
	,		<u> </u>		$\overline{\cap 1}$	1							
ignature	Signature		<u> </u>	ner	Stel	tr			Da	ate 8/22/11			
· · · · · · · · · · · · · · · · · · ·		-	>								,	74	
10 U.S.C. Senting 1001 and Tall, 47 U.S.C. Senting 1012 and the prince for the senting for the senting 101.	. 10 11 0 0	Canti-	1001		42 11 0 0 0		12			ih110			
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 any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.											illy to make to any depar	tment or agency of the Uni	

Eorm 3160-4 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO 1004-0137 Expires July 31, 2010

	WELI	_ COMP	LETION O	R RECO	OMPLE.	TION RE	PORT	AND EO	Ğ			5. Lease Ser		Contract 119	
la Type o	of Well	Oil We	ll 🕱 Gas V	Vell \square	Dry	Other		Λ.	IIC	232	<u> </u>			or Tribe Name	
b. Type o	of Completion	_	Other AUG 23 2011 New Well Work Over Deepen Plug Back Diff.Resyr. Ther Farmington Field Ufficer									Jicari	lla A	pache	
-, -,,,,,,		Oth	•		L	-		Farm	ning	ton Fie	—≕er oπic	19. Unit or C.	A Agree	to Lease	
2. Name o	f Operator		· · · · · · · · · · · · · · · · · · ·	,				Bureau	OiL	_and w	= 'J````	8 Lease Nar			
Energen Address	Resource:	s Corpo	pration				l 3a	Phone No	(ınch	ude area	code)			19N #8M	
	ermington,	Farmir	naton NM	87401			"		•	-6800	coucy	9 API Well		M~ 00 A	
. Location	n of Well (Rep	ort locatio	n clearly and	ın accord	ance with	Federal req	quireme		<u> </u>	- 0000				Exploratory———	
At surfac	ce . 2458	3' FSL,	1424' 1	WL (K)	NE/SW	Sec. 8	3 T2a	N RO4W N	MPM	í		Blanco	Mesa	<u>werde/Basin Dakot</u>	
												11 Sec , T., I Survey or		or Block and	
At top pr	od. interval rep	oorted belo	ow											26N, R04W N.M.P.M	
At total d	depth											12 County or		13. State	
4. Date Spudded 15. Date T.D. Reached 16. Date Completed									Rio Arril						
							D & A	<u> </u>	Re	eady to P	rod		(,	,,,	
6/25/		7/	6/11				8/17	/11					1' GL		
18. Total D	Depth [.] MD TVD	79	79' 19	Plug Bac		MD TVD	79:	26'	2	0 Deptl	n Bridge 1	-	MD VD		
21 Type E	lectric & Other	r Mechani	cal Logs Run	(Submit co	opy of eac	ch)			2	22 Was we		X No		Yes (Submit analysis)	
ar.										Was D		X No		Yes (Submit report	
CBL 23. Casing	and Liner Reco	ord (Reno	rt all strings	et in woll)						Directi	onal Surve	y ⁹ X No	Ц_	Yes (Submit copy)	
Ī						Stage Cem	enter	No of SI	ks &	S	urry Vol		T +		
Hole Size	Size/Grade	Wt (#ft)	<u> </u>	(MD) Bottom (MD) Depth Type of Cement (BBL				(BBL)	(BBL) Cement 10		Amount Pulled				
2.25"	9.625"	32.3#		26		1.001		133 s				surface		9 bbls - circ.	
.750" 5.25"	7.0" 4.50"	23# 11.6#		380	79'	1991	·	330 s				surface 3400' TS		9 bbls - circ.	
3.25	4.50	11.0		1 /9	/9.			330 8	5KS	\dashv		3400	13	0 pulled	
				1			· .							<u> </u>	
				1										-	
24 Tubing	Record				<u></u>	····		<u> </u>				L			
Size	Depth Set (1	MD) P	acker Depth (N	fD)	Size	Depth Set	(MD)	Packer D	epth ((MD)	Size	Depth Se	t (MD)	Packer Depth (MD)	
2.375"	7828		· 1 .	l											
25. Produc	ing Intervals			T 5		26. Perfor				S		No. II.	1	D - £ C	
) FE	Formation		7826 <u>'</u>		ttom	· · · · · · · · · · · · · · · · · · ·	rforated			Size	; 	No Holes	┪—	Perf Status	
) [[80!	7732'-38,7752-58'7834 <u>/</u> -40',7860-72' .41"			· · ·		+	2 5 /			
`	enco Mesav	emle	5188'	61	52'		-		·50	. 41	-	90	-	3 spf /	
) Blanco Mesaverde			5200	188' 6152' 5710-20',5736-40,5750 -54,5788-94' .41"						,,	24 1 spf				
27. Acid, F	racture, Treatn	nent, Cem	ent Squeeze, Etc												
	Depth Interval					-		Amount and	і Туре	e of Mater	ıal			602425	
Basin Dakota 1600 gal. 15%_HCL								_			12224 25 <6 2				
			7_158,.6	16_gall	ons FR	-66, 160	<u>,500</u>	# 20/40	sar	nd /				W. W.	
Blanc	o Mesaven	de	% HCL								/6	BECEIVE.			
B Production	on - Interval A		158,1	20 gall	ons 13	CP 700 1	foam,	99,600	# 20	0/40 s	and		61.7	TOTAL MARIE	
Date First Produced	Test Date 8/18/11	Hours Tested	Test Production	Oil BBL 0	Gas MCF 1800	Water BBL 22	Oil Gra Corr A	avity API	Gas Grav		Produc	tion Method	flow	OIL CONS. DIV. DI	
Choke	Tbg Press	Csg	24	Oil	Gas	Water	Gas (Oil	Wel	l Status	1	*··		OH HECOPIO CLEST 1101 E 8 F 3c	
Size 1/2"	Flwg. SI fl 300	Press	Hr -	BBL	MCF	BBL	Ratio						-	110168130	
	ion-Interval B	<u> 0,4</u>				1	ч					ACCEPT	ED F	OHHECORD	
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gra	avity API	Gas Grav		Produc	tion Method Al	JG 2		
Choke Size	Tbg Press Flwg	Csg. Press	24 Hr	Oıl BBL	Gas MCF	Water BBL	Gas (Ratio	Oil	Wel	l Status			TON	FIELD OFFICE	

b. Product	on - Inter	val C						·			
Date First Test Hours Produced Date Tested			Test Production	Oil BBL	Gas MCF			Production Method			
ioke ze	Tbg Pres	ss Csg Press	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status			
c. Produc	tion-Interv	val D		- <u></u> -							
te First Test Hours Te			Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method		
oke :e	Tbg Pres Flwg. SI	ss. Csg. Press	24 Hr	Oil BBL	Gas MCF	Water BBL	Gas. Oil Ratio	Well Status			
Disposit	ion of Gas (Sold, used for	fuel, vented, e	etc)	<u> </u>	to be	sold				
Show all	l important g depth inte	zones of poros	clude Aquifers ity and contents hion used, time t	thereof Co				31 Format	tion (Log) Markers		
Forma	tion	Тор	Bottom		Descr	options, Co	ontents, etc		Name	Top , Meas Depth	
								San Jose	9	surface	
								Ojo Ala	mo Ss	2891	
								Kirtland	đ	3125	
								Fruitla	nd	3192	
								Picture	d Cliffs	3506	
								Lewis S	hale	3681	
	ŀ							Huerfan	ito Bentonite	4001	
	.			Ì				Cliff H	ouse	5188	
								Menefee		5323	
								Point L	ookout	5701	
	ŀ							Mancos		6153	
	İ							Greenho:	m	7640	
	I							Granero	s	7701	
								Dakota	Dakota		
			gging procedu		eck in the a	ppropriate	boxes:	•			
Electr	rical/Mech	anical Logs (full set req'd)		Geol	ogic Repor		port Direct	ional Survey		
I hereby	certify the	at the foregoi	ng and attache	d informa	tion is con	nplete and	correct as determi	ned from all availa	able records (see attached in	structions)*	
Name (pl	lease print	Anna s	Stotts					Fitle <u>Requlat</u>	ory Analyst		
		A. no	SI	4fx			I	Date 8/22/11			
Signature	·	TXINO									
Signature	·	IXIVO									