## **UNITED STATES** DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other in-structions on reverse side)

FOR APPROVED OMB NO 1004-0137

Expires December 31, 1991
5 LEASE DESIGNATION AND SERIAL NO.

## SF-078738

WELL C	OMPL	ETIO	N OR F	RECON	<b>IPLE</b>	TION	REPO	ORT AND	LOC	3*	6 IF	NDIAN, ALLOTT	EE OR TRIBE NAME	
1a TYPE OF	WELL.		OIL	GAS WELL	X	DRY	Other				<b>1</b>	Nnnm	- 78419A-MV1	
b TYPE OF	COMPLET	ION		_		_						IIT AGREEMENT San Ju	NAME	
	NEW X	WORK	DEEP-	PLUG	П	DIFF RESVR	Other				8 FA	RM OR LEASE N	NAME, WELL NO	
				L_ BACK		KESVK [	I		W	CEN	Parent		81N	
2 NAME OF			mnany						-		9 AP	I WELL NO	39-30765-00c2	
· · · · · · · · · · · · · · · · · · ·												ELD AND POOL		
PO BOX 4289, Farmington, NM 87499 (505) 326-9700  4 LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*											141.6	Blanco Mesaverde		
At surface	e F	(SENW),	1525' FNI	L & 1620'	FWL	·	y State rec	quirements )	Buren Fai	u of Land M Minglan Fi	77 Q3	OII	L CONS. DIV.	
At top pro	d. interval r			SAME AS	3 ABOV	· E					Sec. 27, T30N, T5W			
At total de	epth SA	AME AS	ABOVE										DIST. 3	
					14.	PERMIT	NO	DATE ISSUE	D			OUNTY OR	13 STATE	
								=				PARISH io Arriba	New Mexico	
15. DATE SPU			REACHED	17 [	DATE COM	IPL (Read		· · · · · · · · · · · · · · · · · · ·	18 ELE	VATIONS (DF, R	KB, RT, I	BR, ETC.)*	19. ELEV CASINGHEAD	
09/07/20 20: TOTAL DEI			20/2009 21 PLUG. E	BACK T.D., MI	D&TVD		4/2010	OMPL.	23, INT	GL 6577' ERVALS		6593' Y TOOLS	CABLE TOOLS	
				-			HOW M	ANY*	DRILLED BY		ı		1	
24 PRODUCT	8007'	AL (S) OF T	HIS COMPLE	8003'	OTTOM, I	NAME (MD	AND TVD)*		<u> </u>		<u> </u>	yes 25. WAS DIREC		
Blanco	Mesave	rde 458	8' - 5973'	,		•	·				SURVEY MADE No			
26 TYPE ELEC	CTRIC AND C	THER LO							•	<del></del>	27 WAS WELL CORED			
	LIGSLI	CBL	-								L		No	
28 CASING SIZE	E/GRADE	WEIGH	T, LB /FT.	DEPTH S			ECORD (	Report all strings		well)  EMENTING RECO	)RD		MOUNT PULLED	
9 5/8" /			2.3#	24			1/4"			(206cf-37bb)			16 bbis	
<b></b> / 1		l .					Surface, ST@2831' 8 3/4" 613sx(1210cf-216bbls)				35 bbis (Includes Squeeze) /			
7" / J. 4 1/2" /			20# 1.6#	371 800			1/4"			x(632cf-112b				
29			LINER RE			30		· · · · · · · · · · · · · · · · · · ·		BING RECOR				
SIZE	TOP (MD)	BOI	TOM (MD)	SACKS C	EMENT*	SCRE	EN (MD)	SIZE 2 3/8", 4.7#,	L-80	7907'	(MD)	Р	ACKER SET (MD)	
Point Looko	TION RECOR	-	size and num	nber)		32	5390' -			T, FRACTURE			ETC. 48,048gais 60%	
1SPF @ 539			es			-	SlickWater w/ 99,8						. •	
Lewis w/ .34		05.11-1					N2:1,026,000SCF.				_	<del> </del>		
1SPF @ 4588' - 5340' = 25 Holes						-	4588' - 5340' Frac w/ 29,358gals Arizona Sand. N2:				s 75% foam liner gel w/ 108,579# of 20/40 1.739.00SCF.			
Mesaverde T	otal Hole	s = 51 🗸							71140		1,100,0			
33 DATE FIRST PRO	DUCTION		PRODUC	TION METH	OD (Flowii	ng, gas lift, j		ODUCTION ize and type of puri	1 <b>p</b> )		-	WELL STATUS	(Producing or shut-in)	
	N/A			WING -								SI C		
DATE OF TEST		HOURS T	ESTED	CHOKE SIZE		DD'N FOR T PERIOD	OIL-BI	BL	GAS-/	MCF	WATE	R-BBL	GAS-OIL RATIO	
01/10/2			hr.	1/2"				0	3	1 mcf/h		0		
FLOW TUBING F	PRESS.	CASING F	RESSURE	CALCULATE 24-HOUR RA	_	IL-BBL		GAS-MCF	1	WATER-BE	BL		OIL GRAVITY-API (CORR )	
SI - 108			037psi		-	0		735 mcf	/d _		0			
34 DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  To be sold												TEST WITNESS	ED BY	
35. LIST OF AT	TACHMENTS		SOIU											
								er order #321 ed from all available						
SS THEIRDY CHI	, wiek wie 10	. Jyonny al I	- audorieu irii	omination is CC	where q	.a con ect a	~ ~~commie	a nom an avanable	, icoolus	•		, ,		
SIGNED	inst	al-	Talo	ya	TITLE		Re	gulatory Tech	nicain	1	DATE	2/5/2	2010	
		-	Æ(Se	e Instru	ctions	and Sp	aces fo	r Additional	Data	on Reverse	Side	<del>, /cc</del>	ETTED FUKRCOORD	
Title 18 U.S.C	Section	1001, m	akes it a c	rime for ar	у регво	n knowir	igly <sub>and</sub>	willfully to mak	e to an	ny department	of age	ency of the	EB 0 S 2010	
Officed States	arry talse.	nctitious	or traudu	nent stater	nents o	represe	utations	as to any mai	uer with	nın its junsaic	uon.		LOUJ ZUIU	

			<i>:</i>	<u> </u>	
API # 30-039-30765			San Juan 30-5 Unit 81N	,	25
Ojo Alamo	2671'	2821'	White, cr-gr ss.	Ojo Alamo	2671'
Kirtland	2821'	2873'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2821'
Fruitland	2873'	3472'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2873'
Pictured Cliffs	3472'	3624'	Bn-Gry, fine grn, tight ss.	Pic.Cliffs	3472'
Lewis	3624'	4344'	Shale w/siltstone stringers	Lewis	3624
Huerfanito Bentonite	4344'	4580'	White, waxy chalky bentonite	Huerfanito Bent.	4344'
Chacra	4580'	5384'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Chacra	4580'
Mesa Verde	5384'	5465'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	5384'
Menefee	5465'	5716'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5465'
Point Lookout	5716'	6130'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Point Lookout	5716'
Mancos	6130'	6967'	Dark gry carb sh.	Mancos `	6130'
Gallup	6967'	7684'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh	Gallup	6967'
Greenhorn	, 7684'		Highly calc gry sh w/thin lmst.	Greenhorn	7684'
Graneros	7735'	7804'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	7735'
Dakota	7804'	'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks	Dakota	7804'
Morrison			Interbed grn, brn & red waxy sh & fine to coarse grn ss	Morrison	-

Form 3160-4 (October 1990)

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

(See other instructions on reverse side)

SUBMIT IN DUPLICATE

FOR APPROVED OMB NO. 1004-0137

FEB 0 9 2010

Expires December 31, 1991

## 5 LEASE DESIGNATION AND SERIAL NO.

									-078738		
WELL C	COMPL	ETION OR F	RECOMP	ETION RE	PORT AND	LOG*		6 IF INDIAN, ALLOTTE	E OR TRIBE NAME		
1a. TYPE OF	F WELL:	OIL	GAS X	DRY Oth	1			Numa	- 123317-DK1		
		WELL	LJ WELL C	I 5 []			<u> </u>	7 UNIT AGREEMENT			
b TYPE OF	F COMPLETI	ON:					L	San Jua	an 30-5 Unit		
	NEW X	WORK DEEP- OVER EN	PLUG BACK	DIFF RESVR Oth	T en	TEN COMO E		San Ju 8. FARM OR LEASE N	AME, WELL NO.		
	******	, O12K 2K	DAON	, KLOVK	8		EN	and likesil	81N		
2. NAME O	F OPERATO	R			<u></u>			9 API WELL NO			
		ips Company				FEE	05 211	<b>0</b> 30-0	39-30765 <b>-66Cl</b>		
3 ADDRES	SS AND TELE	PHONE NO.				) be to		10. FIELD AND POOL,			
		9, Farmington, NN		<u>05) 326-9700</u>			.9 18 18 20 00	anement Basi	n Dakota		
4 LOCATIO	ON OF WELL	. (Report location clea	arly and in accon	dance with any Stat	e requirements)* 👸	uneau or	Contract of the	11. SEC., T, R, M, OF	R BLOCK AND SURVEY		
At surfac	e F(	SENW), 1525' FNI	L & 1620' FWL	-		Fann	igian fici 1				
							ļ		D FEB 12'10		
At top pro	od, interval re	ported below		Sec. 27, T30N, T5W							
At total d	looth SA	ME AS ABOVE						OIL CONS. DIV.			
At total u	iepin <b>3</b> A	INC AS ABOVE					ł	,			
				14. PERMIT NO.	DATE ISSUE	D		12 COUNTY OR	DICT 3		
								PARISH			
15 3 15 30		5.45.75.55.0U.	149 DATE	COMPL /Panty to as		Lo ELEVIA	710110 (05 5)(5	Rio Arriba	New Mexico		
15 DATE SPU 09/07/2		09/20/2009	I/ DATE	COMPL (Ready to pr 01/14/20				B, RT, BR, ETC.)* <b>KB 6593'</b>	19. ELEV CASINGHEAD		
	EPTH, MD &TV		BACK T.D., MD &TN			23. INTER	<del> </del>	OTARY TOOLS	CABLE TOOLS		
20 101/12 02	£1 111, 111 <b>5</b> Œ1 ¥1	1 1200,2	21011 1 D , 1111 Q 1 1		W MANY	DRILLI		01.001	5. GEE 10025		
	8007'		8003'		2	İ	1	yes			
24 PRODUC	TION INTERVA	L (S) OF THIS COMPLE	TION-TOP, BOTT	OM, NAME (MD AND 1	VD)*			25 WAS DIREC			
Raein	Dakota 78	868' - 7931'						SURVEY M.	No		
		THER LOGS RUN			<del></del>		2	7 WAS WELL CORED			
	CL/GSL/								No		
28				CASING RECO	RD (Report all strings	s set in well	/)		<del></del>		
CASING SIZ	ZE/GRADE	WEIGHT, LB /FT	DEPTH SET (		<u> </u>		NTING RECOR	D A	MOUNT PULLED		
9 5/8"	/ H-40	32.3#	241'	12 1/4"	Surface,	161sx (2	06cf-37bbls	)	16 bbls		
						rface, ST	_	İ			
7"/		20#	3717'	8 3/4"		x(1210cf-			(Includes Squeeze)		
4 1/2"	/ L-80	11.6#	8005'	6 1/4"	6 1/4" TOC@2930', 314sx(632cf-11:			<del></del>			
29 SIZE	TOP (MD)	LINER RE	SACKS CEME	NT*   SCREEN (M			DEPTH SET (M	TUBING RECOR	ACKER SET (MD)		
SIZE	TOF (WD)	BOTTOM (MID)	SACKS CLIVIC	JOREEN (M	2 3/8", 4.7#,	L-80	7907'	<del></del>	HONER GET (MD)		
	<del> </del>	<del> </del>	<del>                                     </del>					<del></del>			
31 PERFORA	ATION RECOR	D (Interval, size and num	mber)	32.	AC	ID, SHOT,	FRACTURE, C	EMENT SQUEEZE,	ETC.		
Dakota w/ .3	34" diam.	~		786	8' - 7931 <u>'</u>				/ m		
2SPF @ 786	68' - 7931' =	= 44 Holes							15% HCL. Frac w/ 101,220gals w/37,745#		
				<u> </u>	of 20/40 TLC Sand			d			
Dakota Tota	ai Hoies = 4	4-		<u> </u>		┧					
							· ,-				
33				L	PRODUCTION	<u> </u>		······			
DATE FIRST PR	RODUCTION	1		lowing, gas lift, pumpi	ng, gas lift, pumping-size and type of pump)				(Producing or shut-in )		
DATE OF TEST	N/A	HOURS TESTED	WING CHOKE SIZE	PROD'N FOR C	L-BBL	GAS-MC		SI /	IGAS-OIL RATIO		
DATE OF TEST		INCORS TESTED	CHOKE SIZE	TEST PERIOD	L-00L	1	' 1	WATER-BBE	GAS-OIL IVANO		
01/14/	/2010 -	1 hr.	1/2"	<b> </b>	0	59	mcf/h	trace			
FLOW TUBING	PRESS	CASING PRESSURE	CALCULATED	OILBBL	GASMCF		WATER-BBL		OIL GRAVITY-API (CORR )		
			24-HOUR RATE								
				0	1405 mc	f/d	2	bwpd <	<u> </u>		
SI - 10	85psi	SI - 1037psi									
SI - 10	85psi	sold, used for fuel, vente	ed, etc )	l				TEST WITNESS	ED BY		
SI - 10	185psi TON OF GAS (S	To be sold	ed, etc )					TEST WITNESS	ED BY		
SI - 10 34 DISPOSIT 35. LIST OF A	085psi TON OF GAS (	To be sold			C per order #321			TEST WITNESS	ED BY		
SI - 10 34 DISPOSIT 35. LIST OF A This is goin	085psi TON OF GAS (S ATTACHMENTS Ing to be a B	To be sold	ico Mesa Verd	de well being DF			,	TEST WITNESS	ED BY		
SI - 10 34 DISPOSIT 35. LIST OF A This is goin	085psi TON OF GAS (S ATTACHMENTS Ing to be a B	sold, used for tuel, vente To be sold s asin Dakota/Blar	ico Mesa Verd	de well being DF			,	TEST WITNESS	ED BY		
SI - 10 34 DISPOSIT 35. LIST OF A This is goin 36 Thereby of	085psi TON OF GAS (S ATTACHMENTS Ing to be a B	sold, used for tuel, vente To be sold s asin Dakota/Blar	nco Mesa Vere formation is comple	de well being Dhate and correct as dete	rmined from all availabl	e records		DATE 2/5/	20 / P		
SI - 10 34 DISPOSIT 35. LIST OF A This is goin	085psi TON OF GAS (S ATTACHMENTS Ing to be a B	To be sold  Sasin Dakota/Blar regoing and attached in	nco Mesa Vero formation is comple	de well being DF ete and correct as dete	Regulatory Tec	e records		DATE 2/5/2	3,10		
SI - 10 34 DISPOSIT 35. LIST OF A This is goin 36 Thereby of	185psi TON OF GAS ( ATTACHMENTS ing to be a Berufy that the for	To be sold  Sasin Dakota/Blar regoing and attached in	nco Mesa Verreformation is comple	de well being Dhete and correct as dete	Regulatory Tec	e records hnicain I Data or	n Reverse	DATE 2/5/	20/2 CCEPTED FOR RECORD		

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

•				Ü	8
API # 30-039-30765			San Juan 30-5 Unit 81N	7	न्
Ojo Alamo	2671	2821'	White, cr-gr ss.	Ojo Alamo	2671'
Kirtland	2821'	2873'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2821'
Fruitland	2873'	3472'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2873'
Pictured Cliffs	3472'	3624'	Bn-Gry, fine grn, tight ss.	Pic.Cliffs	3472'
Lewis	3624'	4344'	Shale w/siltstone stringers	Lewis	3624
Huerfanito Bentonite	4344'	4580'	White, waxy chalky bentonite	Huerfanito Bent.	4344'
Chacra	4580'	5384'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Chacra	4580'
Mesa Verde	5384'	5465'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	5384'
Menefee	5465'	5716'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5465'
Point Lookout	5716'	6130'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Point Lookout	5716'
Mancos	6130'	6967'	Dark gry carb sh.	Mancos	6130'
Gallup	6967'	7684'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh	Gallup	6967'
Greenhorn	. 7684'		Highly calc gry sh w/thin lmst.	Greenhorn	7684'
Graneros	7735'		Dk gry shale, fossil & carb w/pyrite incl.	Graneros	7735'
Dakota	7804'	1	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks	Dakota	7804'
Morrison		1	Interbed grn, brn & red waxy sh & fine to coarse grn ss	Morrison	'

√.