Form 3160-4 (October 1990)

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-079289-A

												31 -07 9209-		
WELL CC	MPL	<u>ETIO</u>	N OR	RECOMF	PLET	TON F	REP	ORT AND	LO)G*	6 IF	INDIAN, ALLOTTE	OR TRIBE NAME	
1a TYPE OF W	'ELL:		OIL	GAS WELL	()	DRY	Other				N	RF -MUM	413C-DK1	
h TVDE 05 0	O. 401 F.T.	ON				<u> </u>	•		E [] [7 UI	NIT AGREEMENT N	AME	
b TYPE OF C	EW 🔽	WORK	DEEP-	PLUG	, ر	DIFF		ECE	W		L	San Juan 2 RM OR LEASE NA		
	VELL X	OVER	EN	BACK		RESVR	Other 🕰	Section desired		50	8 57			
								FEB 2 6	201	<u> 18</u>	<u> </u>	San Juan 2	8-7 Unit 255M	
2 NAME OF C			COMPAN	v				•			9 AF		30 - A	
3 ADDRESS A			COMPAN	<u> </u>			bun	eau of Land	Mana	edement.	10 5	30-039-3028	DR WILDCAT	
				M 87499 (505) (326-97	_	armington F	ield (JIIIC a			lanco Mesaverde	
4 LOCATION													BLOCK AND SURVEY	
At surface	Un	it F, (SE	ENW), 160	30' FNL & 188	80' FW	L						OR AREA		
At Bottom		. ,	•								surf	Sec. 22, T2	BN, R07W, NMPM	
At top prod	interval re	ported b	elow	Unit N, (SES	SW), 40	0' FSL &	1871	'FWL			bot		BN, R07W, NMPM	
												RC	<i>I</i> D FEB 28 '08	
At total depti	n Un	it N, (Sł	:SW), 40'	FSL & 1871'	FWL						1	ΛT	L CONS. DIV.	
					14. F	PERMIT N	0.	DATE ISSUE	D		12. C	OUNTY OR	13. STATE	
								1			L	PARISH	DIST. 3	
				12- 5		/D		<u> </u>				Rio Arriba	New Mexico	
15 DATE SPUDD 9/26/2007			D REACHED 1/2007		: COMPL :/19/20	- (Ready to	o proa.)		IS EL	EVATIONS (DF, F 6805'	КВ, ЯТ, 1 КВ	BR, ETC)* 6820'	19 ELEV CASINGHEAD	
20 TOTAL DEPTH				BACK T.D., MD.&T		22 IF MULT	IPLE CO	OMPI	_	TERVALS		Y TOOLS	CABLE TOOLS	
	, • • • •						HOW N			RILLED BY				
8333'-MD /				MD / 7951'-T			2					X		
24 PRODUCTION	I INTERVA	L (S) OF T	HIS COMPLI	ETION-TOP, BOT	TOM, NA	ME (MD AN	ID TVD)	*				25 WAS DIRECT SURVEY MA		
Basin Da	kota	8110	' - 8300'									GONVETION	Yes	
26 TYPE ELECTE	RIC AND O	THER LOC	S RUN								27 WA	S WELL CORED		
GR/CBL	/CCL												No	
28					CA	SING REC	CORD	(Report all strings	s set in	well)				
CASING SIZE/G			T, LB /FT.	DEPTH SET		HOLE S	SIZE			EMENTING RECO	ORD		OUNT PULLED	
9-5/8", H-4 7", L-80	·O	32.3# 23#		348' 5263'		12-1/4" surface; 97sx (152cf) 8 3/4" surface; 860 sx (1755 cf)				1/2 bbls 94 bbls				
4 -1/2", L-8	30	11.6#		8331'		5 1/4"		TOC @ 3500				34 DDIS		
29.			LINER RE	CORD		· · · · · · · · · · · · · · · · · · ·		30			TL	BING RECORD		
SIZE 1	OP (MD)	BOT	TOM (MD)	SACKS CEME	ENT*	SCREEN	(MD)	SIZE		DEPTH SET	(MD)	PA	CKER SET (MD)	
		-						2-3/8"		8219'				
PERFORATIO	N DECOR	(Intanual	cum and nu	nhar)		12.		4.7#	2 040	T EDACTURE	CEME	NT SQUEEZE, E	TC	
akota @ .34		o (mnervar,	Size and nor	noor j	F		10'-8			ois 15% HCL	, CEIVIE	NI SQUEEZE, E	.10	
110'-8164' @	1 SPF	= 19 h	noles		t					ls Slickwater w/40,440#				
204'-8300' @		= 42 t	noles						20/40	TLC proppa	ant			
otal DK hole	es = 61				-									
					⊦									
33					L			RODUCTION						
ATE FIRST PRODU			PRODUC	CTION METHOD (_			ize and type of pum	p)		WELL STATUS (Producing or shut-in)			
W/O facilitie		HOURS TE	STED	CHOKE SIZE		F lowing N FOR	OILB	RI	GAS	MCE	\A/A-T-F	SI RBBL	GAS-OIL RATIO	
712 OF 1231	ľ	IOUITO IE	.5120	OI IONE SIZE	4	PERIOD	OILD		GAS	-IVIOF		J 1-"UUL	GAG-OIL AATIO	
2/19/2008			1	.5"				3 boph	16 m	ncfh		.42 bwph		
LOW TUBING PRE	SS (CASING PI	RESSURE	CALCULATED	-	-BBL		GASMCF		WATERBE	3L		OIL GRAVITY-API (CORR.)	
	1.	AI A=-	5.0	24-HOUR RATE	ı	70 L								
A DISPOSITION		SI - 256		ed. etc.)	1 7	72 bopd	<u></u>	394 mcfd		10 bwpd		TEST WITNESSE) BV	
o be sold. V				•	ore c	an first	deliv	er.				ILOI WIINESSEI		
S LIST OF ATTAC					3.3 0.			<i>-</i>				L		
his is a MV	//DK c	ommir	ngle we	ll per DHC	orde	er 2650	AZ.							
36 I hereby certify	that the for	egoing and	d attached in	formation is compl	lete and o	correct as d	etermine	ed from all available	records	3				
	 w	1	•											
GNED 10	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	zem	en_	TIT	TLE F	Regulato	ry Te	chnician		<u></u>	DATE	_	2/26/2008	
			*/\$4	e Instructio	ne ar	nd Spec	ee fo	r Additional	Deta	on Reverse	o Sido	1		
			100	・ ・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・	una di	. u uudt	, I L		uala	. Uli nevelbi	= viut			

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department of agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

ACCEPTED FOR RECORD

API 30-039-30288			San Juan 28-7 Unit 255M			
Ojo Alamo	2648'		White, cr-gr ss.		Ojo Alamo	2648'
Kirtland	2761'	3238'	Gry sh interbedded w/tight, gry, fine-gr ss.		Kirtland	2761'
Fruitland	3238'	3746'	Dk gry-gry carb sh, coal, grn silts, light-	: 2	Fruitland	3238'
			med gry, tight, fine gr ss.	-		
Pictured Cliffs	3746'	3950'	Bn-Gry, fine grn, tight ss.		Pic.Cliffs	3746'
Lewis	3950'	4383'	Shale w/siltstone stringers	, ć	Lewis	3950'
Huerfanito Bentonite	4383'	4784'	White, waxy chalky bentonite	3.5	Huerfanito Bent.	4383'
Chacra	4784'	5381'	Gry fn grn silty, glauconitic sd stone w/drk gry shale		Chacra	4784'
Mesa Verde	5381'		Light gry, med-fine gr ss, carb sh & coal	3	Mesa Verde	5381'
Menefee	5627'	6025'	Med-dark gry, fine gr ss, carb sh & coal	<i>₹</i> ;	Menefee	5627'
Point Lookout	6025	6546'	Med-light gry, very fine gr ss w/frequent	, e-2	Point Lookout	6025
			sh breaks in lower part of formation	3	ò	
Mancos	6546'		Dark gry carb sh.	6	Mancos	6546'
Gallup	7264'	8006'	Lt gry to brn calc carb micac glauc		Gallup	7264'
			silts & very fine gr gry ss w/irreg.interbed sh			
Greenhorn	8006'	8067	Highly calc gry sh w/thin lmst.		Greenhorn	8006
Graneros	8067'	8109'	Dk gry shale, fossil & carb w/pyrite incl.		Graneros	8067'
Dakota	8109'	X	Lt to dk gry foss carb sl calc sl silty	20	Dakota	8109
			ss w/pyrite incl thin sh bands clay & shale breaks	\ 13		
Morrison	X		Interbed grn, brn & red waxy sh & fine to coarse grn ss		Morrison	X

The Section

Market Bar Bondal

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

(See other In-structions on reverse side)

SUBMIT IN DUPLICATE*

FOR APPROVED OMB NO. 1004-0137

Expires. December 31, 1991

5 LEASE DESIGNATION AND SERIAL NO CE_070280_A

										J	31-0/3203-	^		
WELL (COMP	ETION	I OR I	RECOMP	LETIO	N REP	ORT AND	LO	G*	6 IF	INDIAN, ALLOTTE	OR TRIBÉ NAME		
1a. TYPE C			OIL	GAS X		Other				┪ 、		611176-4444		
			WELL.	WELL A	J DRY	L			-		NIT AGREEMENT N	8413A-MV)		
b TYPE C	OF COMPLE	TION:									San Juan 2			
	NEW)	WORK OVER	DEEP- EN	PLUG	DIFF RESVE	Other	DEC		WED	8 F/	ARM OR LEASE NA	ME, WELL NO		
	WELL 1	J OVER L		BACK	J HESVE	' L	H M Harris	- 51 II			San Juan 2	8-7 Unit 255M		
2 NAME (OF OPERAT	OB						0 0	2000	9 A	PI WELL NO.	0-7 Offic 233M		
	ONOCOP		ΟΜΡΔΝ	v			FFR	2 6	2008		20 020 202	38-4165		
	SS AND TE				w					4 10 F	TELD AND POOL, On Dakota / B	OR WILDCAT		
				M 87499 (5	505) 326	-9700	Bureau or I	Land	Managemer	Basi	n Dakota / B	lanco Mesaverde		
4 LOCATI	ION OF WE	LL (Report k	ocation cle	early and in acco	rdance with	any State r	equirements)	iton '-	IOIO CIIICS			BLOCK AND SURVEY		
At surfa	re II	nit F. (SEN	VW) 163	0' FNL & 1880	o' FWI	•				1	OR AREA			
At Botto		, (02.	1117, 100		, <u> </u>				-	Surf	Sec. 22, T2	BN, R07W, NMPM		
	rod. interval	reported hel	low	Unit N, (SES	W) 40' F	SI & 1971	· FWI			1	•	BN, R07W, NMPM		
At top p	rou. Interval	reported bei	IOW	OIII. 14, (3E3	¥¥ <i>)</i> , 40 1 0)L & 10/1	1 W.L			DOI.	•	,		
At total	depth U	nit N, (SES	SW), 40'	FSL & 1871' I	FWL					l	RCV	D FEB 28 '08		
			-								nti.	COMS DIU		
					14. PERM	IIT NO.	DATE ISSUE	ED		1	COUNTY OR	DIST. 3		
					1						PARISH			
4F DATE OF	NIDDED TO	DATETE	DEACHE	147 DATE	COMPL /2	eady to prod)	1	I40 =:	EVATION: :== =	1		New Mexico		
15. DATE SP 9/26/2	1	DATE T D		i i	19/2008	auy to prod)		GL	EVATIONS (DF, R 6805'			19 ELEV. CASINGHEAD		
	EPTH, MD &T			BACK T.D., MD &TV		MULTIPLE CO	OMPI		ERVALS	KB	6820' RY TOOLS	CABLE TOOLS		
TO TOTAL D	/L. 111, WID & I	,, 2	, , LOG, B	ACK ID, WID & IV	ا کا	HOW N			RILLED BY	HUTAF	TI TOOLS	DADLE TOOLS		
8333'-1	MD / 7979'	-TVD	8305'-	MD / 7951'-TV	/D	2				١	x	i		
				TION-TOP, BOTTO		AD AND TVD)	*	L		<u> </u>	25 WAS DIRECT	IONAL		
					·						SURVEY MA	DE		
	o Mesave		<u> 384' - 6</u>	378'								Yes		
	ECTRIC AND	OTHER LOGS	RUN							27 WA	S WELL CORED			
GR/C	BL/CCL									<u> </u>		No		
28				1	CASING	RECORD	(Report all string	s set in	well)					
CASING SIZ		WEIGHT,	LB/FT	DEPTH SET (MD) H	OLE SIZE			EMENTING RECO	ORD	AM	OUNT PULLED		
9-5/8",		32.3#		348'	12-1		surface; 97s				1/2 bbls			
7", L-8		23#		5263'	8 3/4		surface; 860				94 bbls			
4 -1/2",	, L-80	11.6#		8331'	6 1/4	ļ"	TOC @ 3500	; 231	sx (461 cf)					
29.			LINER RE				30				JBING RECORD			
SIZE	TOP (MD)	ВОТТС	OM (MD)	SACKS CEMEN	11. SCI	REEN (MD)	SIZE		DEPTH SET (MD)	PA	CKER SET (MD)		
	 	_					2-3/8"		8219'					
31 PERFOR	ATION DECO	D (Interval s	ra and nur	nbor)	32.		4.7#	D 0110	T FDACTURE	OFME	NE COLIFERE	TO		
Mesaverd		TO (IIIICIVAI, SI	ize and nun	iber j	32.	5750'-6					NT SQUEEZE, E			
LMF/PLO		78' @ 1 S	PF - 30	holes	-	3730-0	370							
CH/UMF 5						5384'-50				Brady sand & 1,297,000scf N2 Frac w/1071 bbls 60Q Slickfoam				
Total MV											Brady sand & 1,040,800scf N2			
	I Otal IN 4 Holes = 00						1							
					-	PF	RODUCTION							
33					,							lead voice a se about in		
DATE FIRST PF			PRODUC	TION METHOD (F	· · · · · · · · · · · · · · · · · · ·	ft, pumpingsi	ize and type of pum	np)		<u> </u>	WELL STATUS (F	roducing of shat-in)		
DATE FIRST PE W/O fa	cılities	THOUSE TO			Flov	ift, pumpingsi ving			NOT	14/2	SI			
DATE FIRST PF	cılities	HOURS TES		CHOKE SIZE	Flov PROD'N FO	ift, pumpingsi ving R OILB		GAS	MCF	WATI	1	GAS-OIL RATIO		
DATE FIRST PE W/O fai DATE OF TEST	cilities	HOURS TES		CHOKE SIZE	Flov	ift, pumpingsi ving R OILB	BL	GAS		WATI	SI RBBL			
W/O far DATE OF TEST 2/13/20	cilities 008	_ 1	TED	CHOKE SIZE	Flov PROD'N FO	ift, pumpingsi ving R OILB		GAS	cfh		SI	GAS-OIL RATIO		
W/O far DATE OF TEST 2/13/20	cilities 008	HOURS TES 1 CASING PRE	ESSURE	CHOKE SIZE	PROD'N FO	ift, pumpingsi ving R OILB	BL trace boph	GAS			SI RBBL			
DATE FIRST PF W/O fai DATE OF TEST 2/13/20 FLOW TUBING	cilities 008	_ 1	ESSURE	CHOKE SIZE .5" CALCULATED	PROD'N FO: TEST PERIO OILBBL	ving R OILB	BL trace boph	GAS	Cfh WATER-BB		SI RBBL	GAS-OIL RATIO		
DATE FIRST PF W/O fai DATE OF TEST 2/13/20 FLOW TUBING	008 PRESS	1 CASING PRE	ESSURE	.5" CALCULATED 24-HOUR RATE	PROD'N FO: TEST PERIO OILBBL	ift, pumpingsi ving R OILB	trace boph GASMCF	GAS	cfh		SI RBBL	GAS-OIL RATIO OIL GRAVITY-API (CORR.)		
W/O far W/O far DATE OF TEST 2/13/20 FLOW TUBING n/a 34 DISPOSIT	008 3 PRESS	1 CASING PRE SI - 256# (Sold, used for	ESSURE # rfuel, vente	.5" CALCULATED 24-HOUR RATE	PROD'N FO. TEST PERIC OILBBL	ift, pumpingsi ving R OILB DD	trace boph GAS-MCF 1628 mcfd	GAS	Cfh WATER-BB		SI ERBBL 1.5 bwph	GAS-OIL RATIO OIL GRAVITY-API (CORR.)		
W/O far W/O far DATE OF TEST 2/13/20 FLOW TUBING n/a 34 DISPOSIT	OO8 PRESS TION OF GAS d. Waitin	1 CASING PRI SI - 256# (Sold, used for g for faci	ESSURE # rfuel, vente	.5" CALCULATED 24-HOUR RATE	PROD'N FO. TEST PERIC OILBBL	ift, pumpingsi ving R OILB DD	trace boph GAS-MCF 1628 mcfd	GAS	Cfh WATER-BB		SI ERBBL 1.5 bwph	GAS-OIL RATIO OIL GRAVITY-API (CORR.)		
W/O fau DATE FIRST PF W/O fau DATE OF TEST 2/13/20 FLOW TUBING 1/4 DISPOSIT To be sold 35 LIST OF A	OO8 PRESS TION OF GAS d. Waitin	1 CASING PRI SI - 256# (Sold, used for g for faci	ESSURE # fuel, vente	.5" CALCULATED 24-HOUR RATE d, etc) be set before	PROD'N FO	ift, pumpingsi ving R OILB DD	trace boph GAS-MCF 1628 mcfd	GAS	Cfh WATER-BB		SI ERBBL 1.5 bwph	GAS-OIL RATIO OIL GRAVITY-API (CORR.)		
W/O far W/O far DATE OF TEST 2/13/20 FLOW TUBING 1/4 DISPOSIT To be sold 35 LIST OF A This is a	OO8 PRESS TION OF GAS d. Waitin ATTACHMENT	1 CASING PRI SI - 256# (Sold, used foi g for faci s	ESSURE # Ifuel, vente	CHOKE SIZE .5" CALCULATED 24-HOUR RATE od, etc.) be set befo	PROD'N FO TEST PERIC OILBBL trace ore can f	e bopd irst delive	trace boph GAS-MCF 1628 mcfd	GAS	cfh WATER-BB 38 bwpd		SI ERBBL 1.5 bwph	GAS-OIL RATIO OIL GRAVITY-API (CORR) D BY		
W/O far W/O far DATE OF TEST 2/13/20 FLOW TUBING 1/4 DISPOSIT To be sold 35 LIST OF A This is a	OO8 PRESS TION OF GAS d. Waitin ATTACHMENT	1 CASING PRI SI - 256# (Sold, used foi g for faci s	ESSURE # Ifuel, vente	CHOKE SIZE .5" CALCULATED 24-HOUR RATE od, etc.) be set befo	PROD'N FO TEST PERIC OILBBL trace ore can f	e bopd irst delive	trace boph GAS-MCF 1628 mcfd er.	GAS	cfh WATER-BB 38 bwpd		SI ERBBL 1.5 bwph	GAS-OIL RATIO OIL GRAVITY-API (CORR) D BY		
W/O far W/O far DATE OF TEST 2/13/20 FLOW TUBING 1/4 DISPOSIT To be sold 35 LIST OF A This is a 36 Thereby c	OO8 PRESS TION OF GAS d. Waitin ATTACHMENT MV/DK inertify that the fi	SI - 256# (Sold, used for g for faci s comming oregoing and a	ESSURE # Ifuel, vente	CHOKE SIZE .5" CALCULATED 24-HOUR RATE d. etc) be set beformation is comple	PROD'N FO TEST PERIC OILBBL trace order 2 tet and correct	e bopd irst deliverate as determine	GAS-MCF 1628 mcfd er.	GAS	cfh WATER-BB 38 bwpd	L	SI ERBBL 1.5 bwph	GAS-OIL RATIO OIL GRAVITY-API (CORR) D BY		
W/O far W/O far DATE OF TEST 2/13/20 FLOW TUBING 1/4 DISPOSIT To be sold 35 LIST OF A This is a 36 Thereby c	OO8 PRESS TION OF GAS d. Waitin ATTACHMENT	SI - 256# (Sold, used for g for faci s comming oregoing and a	ESSURE # Ifuel, vente	CHOKE SIZE .5" CALCULATED 24-HOUR RATE od, etc.) be set befo	PROD'N FO TEST PERIC OILBBL trace order 2 tet and correct	e bopd irst delive	GAS-MCF 1628 mcfd er.	GAS	cfh WATER-BB 38 bwpd		SI ERBBL 1.5 bwph	GAS-OIL RATIO OIL GRAVITY-API (CORR) D BY		

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department of agency of the United States any false, fictitious or fraudulent statements or representations as follows:

ACCEPTED FOR RECORD

API 30-039-30288			San Juan 28-7 Unit 255M			
Ojo Alamo	2648'	2761	White, cr-gr ss.),	Ojo Alamo	2648'
Kirtland	2761'	3238'	Gry sh interbedded w/tight, gry, fine-gr ss.	2.	Kirtland	2761'
Fruitland	3238'	3746'	Dk gry-gry carb sh, coal, grn silts, light-		Fruitland	3238'
			med gry, tight, fine gr ss.			
Pictured Cliffs	3746'	3950'	Bn-Gry, fine grn, tight ss.		Pic.Cliffs	3746'
Lewis	3950'	4383'	Shale w/siltstone stringers	87	Lewis	3950'
Huerfanito Bentonite	4383'	4784'	White, waxy chalky bentonite		Huerfanito Bent.	4383'
Chacra	4784'	5381'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	**	Chacra	4784'
Mesa Verde	5381'	5627'	Light gry, med-fine gr ss, carb sh & coal	5.5	Mesa Verde	5381'
Menefee	5627'	6025'	Med-dark gry, fine gr ss, carb sh & coal	P. Call	Menefee	5627
Point Lookout	6025'	6546'	Med-light gry, very fine gr ss w/frequent		Point Lookout	6025
			sh breaks in lower part of formation		3.	1
Mancos	6546	7264'	Dark gry carb sh.		Mancos	6546'
Gallup	7264'	8006	Lt gry to brn calc carb micac glauc	· ·	Gallup	7264
			silts & very fine gr gry ss w/irreg.interbed sh		,	
Greenhorn	8006'	8067	Highly calc gry sh w/thin lmst.	1,000	Greenhorn	8006
Graneros	8067	8109	Dk gry shale, fossil & carb w/pyrite incl.		Graneros	8067'
Dakota	8109	X	Lt to dk gry foss carb sl calc sl silty	17°	Dakota	8109
			ss w/pyrite incl thin sh bands clay & shale breaks			
Morrison	X		Interbed grn, brn & red waxy sh & fine to coarse grn ss		Morrison	X

The season of the season

Consolitive Formation