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-078835-A

WELL C	COMPLE	ETION OR R	ECOMPLE	TION REPO	ORT AND	LOG*	6 IF	NDIAN, ALLOTTI	EE OR TRIBE NAME	
1a TYPE OF		OIL WELL,	GAS WELL X	DRY Other	ECEN	WED	7 UN	NHNP IIT AGREEMENT	1- 78413C-DK)	
b TYPE OF	F COMPLETION				1441 7 0				an 28-7 Unit	
	MELL X	OVER DEEP-	PLUG BACK	DIFF RESVR Other	JAN 12	2 <u>010</u>	8 FA	RM OR LEASE N	IAME, WELL NO	
									244N	
	F OPERATO			Burea	u of Land Ma	nagement	9 AP	WELL NO		
		ps Company		<u> </u>	minaton Field	d Office	10.5	30-0 IELD AND POOL	039-30762-00CL	
	S AND TELE	PHONE NO), Farmington, NM	1 07/100 (50F	5) 326-9700			10 F		, OR WILDCAT in Dakota	
		(Report location clea			nuirements)*		11. S		R BLOCK AND SURVEY	
At surfac		NESW), 2252' FSL	•		, ,		I I	OR AREA		
Fittourius	٠٠,٠	. 4LU <i>(1)</i> , 					1 .	F	CVD JAN 14'10	
At top pro	od. interval rep	norted below	F (SENW), 2346	' FNL & 1710' FW	/L				T27N, R7W	
At total d	,	SENW), 2346' FNL			_				OIL CONS. DIV. DIST. 3	
			14	PERMIT NO.	DATE ISSUE	D	12 C	OUNTY OR	13 STATE	
								PARISH		
					L		<u></u>	io Arriba	New Mexico	
15 DATE SPU		DATE T D. REACHED	17 DATE COI	MPL (Ready to prod.)	•	18 ELEVATIONS (19 ELEV CASINGHEAD	
08/04/2	009 PTH, MD &TVI	08/29/2009	ACK T.D , MD &TVD	12/23/2009 22 IF MULTIPLE CO	TMADI	GL 66 23. INTERVALS		6654' YTOOLS	CABLE TOOLS	
20 TOTAL DE	EPIH, MID QIVE] [21 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ACK I.D, IND Q I VD	HOW M		DRILLED BY	HUIAN	Y TOOLS	CABLE TOOLS	
MD 773	37' TVD 75	86' MD 77	35' TVD 7584'	2	<u>.</u>		1	yes	1	
24. PRODUC	TION INTERVAL	L (S) OF THIS COMPLE	TION-TOP, BOTTOM,	NAME (MD AND TVD)*				25 WAS DIREC		
Rasin	Dakota 75	34' - 7718'						SURVEY M	ADE YES	
		THER LOGS RUN		· · · · · · · · · · · · · · · · · · ·			127. WA	S WELL CORED	100	
	CL/CBL	TI New York The						No		
	<u> </u>			CASING RECORD	(Papart all strings	cot in wall)		• • • • • • • • • • • • • • • • • • • •	NO	
28 CASING SIZ	7F/GRADE	WEIGHT, LB /FT	DEPTH SET (MD)		·	Set in well) IENT, CEMENTING	RECORD	,	AMOUNT PULLED	
9 5/8"		32.3#	226'	12 1/4"		100sx(155cf-2			1 bbl	
			· · · · · · · · · · · · · · · · · · ·		·	face, ST@2462		, , , , , , , , , , , , , , , , , , , ,		
7"/。	J-55	23#	23# 4111'		8 3/4" 624sx(1291cf-230bbls)			90 bbls		
4 1/2" / L-	80 & J-55	11.6#	7737'	6 1/4"	TOC@1400	', 296sx(594cf-	106bbls)			
29		LINER RE			30			JBING RECOR		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE 2 3/8", 4.7#,		SET (MD) 637'	Р	ACKER SET (MD)	
		+			2 3/0 , 4.7#,	L-80 /	037		··········	
31 PERFORA	ATION RECORD	D (Interval, size and num	nber)	32	ACI	D, SHOT, FRACT	URE, CEME	NT SQUEEZE,	ETC.	
Dakota w/ .	34" diam.			7534' -	7718'	Acidize w/ 10b	bls 15% H	CL. Frac w/ 9	99,790gals SlickWater	
1SPF @ 753						w/ 40,088# of :	20/40 Arizo	na Sand.		
2SPF @ 763	38' - 7718' =	: 34 Holes								
Dakota Tota	ol Holoo – E									
33.	ai noies = 5	/ 6 *		PF	RODUCTION	,, ,				
DATE FIRST PE	RODUCTION	3	•		gas lift, pumpingsize and type of pump)			WELL STATUS (Producing or shut-in)		
	N/A		WING /					SI /		
DATE OF TEST	•	HOURS TESTED	I I	ROD'N FOR OILB	IBL I	GASMCF	WATE	RBBL	GAS-OIL RATIO	
12/23	/2000 -	1 hr.	1/2"	STERIOD	0	27 mcf/h		trace		
FLOW TUBING		CASING PRESSURE		OILBBL	GASMCF		RBBL	trace	OIL GRAVITY-API (CORR)	
			24-HOUR RATE		1	.1			(******,	
SI - 12		SI - 1161psi	 	0	654 mcf/	/d /	3 bwp	d 🖊		
34 DISPOSIT	TION OF GAS (S	Sold, used for fuel, vente	d, etc)					TEST WITNESS	SED BY	
		To be sold								
	TTACHMENTS									
This is goin	ng to be a B	lasin Dakota/Blan	co Mesa Verde v	well being DHC p	er order # 319	7AZ	a.			
30 Thereby C	ermy mai me ioi	egoning and attached in	annauon is complete a	and correct as determine	ed from all available	records				
OLONED	/	10-10		В	ogulatoru Took	nicolo	DATE	dial	00-100	
SIGNED	2	re jayo	TITLE		egulatory Tech		DATE	P 41	20-1-0	
	,	/*(Se	e Instructions	s and Spaces fo	or Additional	Data on Rev	erse Side		- 10 - 11 - 11 - 11 - 11 - 11 - 11 - 11	
Title 18 U.S.	.C. Section	1001, makes it a ci	rime for any pers	on knowingly and	willfully to make	e to any departr	nent of age	ncy of the	JAN 1 3 2010	
United State	es any false,	, fictitious or fraudu	lent statements o	or representations	as to any mat	er within its juri	sdiction.			
					. /			FA	PININGTON FIELD OFFICE	

NMOCDH

					
API # 30-039-30762			San Juan 28-7 Unit 244N		<u> </u>
Ojo Alamo	2344'	2413'	White, cr-gr ss.	Ojo Alamo	2344'
Kirtland	2413'	2918'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland 🖁	2413'
Fruitland	2918'	3206'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2,918'
Pictured Cliffs	3206'	3345'	Bn-Gry, fine grn, tight ss.	Pic.Cliffs	3206'
Lewis	3345'	3721'	Shale w/siltstone stringers	· Lewis	3345'
Huerfanito Bentonite	3721'	4164'	White, waxy chalky bentonite	Huerfanito Bent.	3,721'
Chacra	4164'	4778'	Gry fn grn silty, glauconitic sd stone w/drk gry shale *	Chacra	4364
Mesa Verde	4778'	4893',	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	4778'
Menefee 7	4893'	5471'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4893'
Point Lookout	5471'	5853'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Point Lookout	5471'
Mancos	5853'	6651'	Dark gry carb sh.	Mancos	5853'
Gallup	6651'	7411'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/ırreg. interbed sh	Gallup	6651'
Greenhorn	7411'	7471'	Highly calc gry sh w/thin lmst.	Greenhorn	7411'
Graneros	7471'	7528'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	7471'
Dakota	7528'	1	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks	Dakota	7528'
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

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SF-078835-A

WELL C	COMPL	ETION	I OR F	ECOMPLET	TION REPO	RT AND	LOG*	6 IF I	INDIAN, ALLOTT	EE OR TRIBE NAME	
1a TYPE OF	WELL:	,···········	OIL	GAS X	DRY Other	DEPE	MACH		Martina	178413A-MVI	
The same of the sa									7 UNIT AGREEMENT NAME		
b TYPE OF COMPLETION.										an 28-7 Unit	
	NEW X	WORK OVER	DEEP- EN	PLUG BACK	DIFF RESVR Other	JAN 12	2 2010 ·	8 FA	RM OR LEASE N	IAME, WELL NO	
										244N	
2 NAME O	F OPERATO	ıR			Bure	au of Land	Management	9 AP	I WELL NO	1	
	onco <u>Phill</u>					armington F		1	30-0	39-30762-0002	
	S AND TELE							10 FI	ELD AND POOL	, OR WILDCAT	
	BOX 428				326-9700					Mesaverde	
				rly and in accordance	e with any State req	uirements)*		ł		R BLOCK AND SURVEY	
` At surface	е К(NESW),	2252' FSI	_ & 1673' FWL				'	R AREA	2010 TAN 1/1/1	
									-	RCVD JAN 14'10	
At top pro	od. interval re	ported be	low	F (SENW), 2346'	FNL & 1710' FW	L		1		T27N, R7W	
At total de	enth F (SENW)	2346' FNI	. & 1710' FWL						OIL CONS. DIV.	
7 tt total at	opui - (o=,,	20.0							DIST. 3	
				14.	PERMIT NO	DATE ISSUE	D	12 C	OUNTY OR	13 STATE	
								F	PARISH		
15 DATE SPL	JDDED 16	DATETO	REACHED	17 DATE COM	PL (Ready to prod)	<u> </u>	18 ELEVATIONS (DF, I	R	io Arriba	New Mexico 19 ELEV. CASINGHEAD	
08/04/2			9/2009	, , , , , , , , , , , , , , , , , , ,	12/23/2009		GL 6639		6654'	LIA EFEA. CASINGHEAD	
20 TOTAL DE				ACK T.D , MD &TVD	22 IF MULTIPLE CO		23 INTERVALS		Y TOOLS	CABLE TOOLS	
		1			HOW M	ANY*	DRILLED BY			1	
	37' TVD 75			35' TVD 7584'	2			1	yes		
24 PRODUCT	TION INTERVA	L (S) OF TH	HIS COMPLE	TION-TOP, BOTTOM, N	AME (MD AND TVD)*				25 WAS DIRECT		
Blanco	Mesavei	de 5034	4' - 5658'						CONVENIE	YES	
26 TYPE ELE	CTRIC AND C	THER LOG	iS RUN					27 WAS	S WELL CORED		
GR/C	CL/CBL									No	
28				C	ASING RECORD (Report all strings	set in well) '				
CASING SIZ	ZE/GRADE	WEIGHT, LB./FT DEPTH SI		DEPTH SET (MD)	HOLE SIZE	TOP OF CEN	MENT, CEMENTING REC	CORD AMOUNT PULLED		MOUNT PULLED	
9 5/8" /	/ H-40	32	2.3#	226'	12 1/4"	Surface, 100sx(155cf-28bbl		ls)		1 bbl	
		_				1	face, ST@2462'				
7"/		23# 11.6#		4111'			x(1291cf-230bbls)			90 bbls	
4 1/2" / L-6	80 & J-55	L1	LINER RE	7737'	6 1/4"	30	r, 296SX(594CT-1U6		BING RECORD		
SIZE	TOP (MD)	ВОТ	TOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET			ACKER SET (MD)	
	10. ()	1				2 3/8", 4.7#,			i	(1117)	
	í										
••	ATION RECOR	•		nber)	32		D, SHOT, FRACTURI	E, CEMEI	NT SQUEEZE,	ETC.	
Menefee/Po					5034' -	5658'	Acidize w/ 10bbls				
1SPF @ 503	34' - 5658' =	= 30 HOI6	es				SlickWater w/ 103	3,532# o	of 20/40 Arizo	ona Sand.	
Mesaverde '	Total Hole	s = 30 /					N2:1,281,200SCF	_			
	1014111010										
									_		
33			PDODL	NIONIMETROS / CE		ODUCTION	m)		IMPLI ATATIA	(Producing or short in)	
DATE FIRST PF				CTION METHOD (Flowin WING /	ıy, yas ιιπ, pumpingsı	zu ana туре от рит	Ψ)		SI -	(Producing or shut-in)	
DATE OF TEST	N/A	HOURS T			DD'N FOR OILB	BL	GASMCF	WATE	RBBL	GAS-OIL RATIO	
					T PERIOD		l	1			
12/17/			hr.	1/2"		0	46 mcf/h		trace		
FLOW TUBING	PRESS.	CASING P	RESSURE		ILBBL	GASMCF	WATERE	BL		OIL GRAVITY-API (CORR)	
01 40	.co:	e. 4	161:	24-HOUR RATE	0	1100	:/a	4 6	a		
SI - 12	160ps I TON OF GAS (161psi for fuel, vente	d, etc)	0	1100 mc	//u	1 bwp	d Test witness	SED BY	
04 2101 00H	(sold	. ,					,,_0,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1	
35 LIST OF A	TTACHMENTS			_		· · · · · · · · · · · · · · · · · · ·			L		
			kota/Blan	co Mesa Verde w	ell being DHC p	er order # 319	7AZ				
				ormation is complete an							
		, ,	/	1					1	1	
SIGNED	no	tal -	Jal	TITLE	Re	egulatory Tec	hnicain	DATE	1/12	20/10/EN CAD DELYADD	
	/		1	dinaturation	and Chasse to	v Addition - !	Data on Davis		H I		
Title 40 LLC	C Contino	1001			•		Data on Revers e to any departmen			JAN 1 3 2010	
							e to any departmen ter within its jurisdic		ncy or the g	2/30 I J ZUID	
Jimeu Jiale	July laid	, nonnous	. o. naudi	statoments of			no junisuit		۱.	FARMINGTON FIELD OFFICE	
				2	1.8141	OCD%				at It Solveds	

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