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. 100 2013 0 1 2011

NM-013688gion Field Office

Expires December 31, 1991

5 LEASE DESIGNATION AND SERIAL NO BUICAU OT LANG Management

VELL C	OMPLE	TION OR R	ECOMPLET	TON REPO	ORT AND	LOG	; *	6 IF II	NDIAN, ALLOTTE	E OR TRIBE NAME			
1a TYPE OF	WELL:	OIL WELL	GAS X	DRY Other									
▶ TYPE OF	COMPLETIC)N		-				7 UNI	TAGREEMENT	7 ³ 213			
- 11120	NEW X	WORK DEEP-	PLUG	DIFF				8 FAF	RM OR LEASE NA	AME, WELL NO.			
	WELL	OVER EN _	BACK	RESVROther									
NAMEO	F OPERATOR	,						9 API	WELL NO.	C COM A 7C			
-			& Gas Company	,						45-35077 -0002			
	S AND TELE						,	10. FI	ELD AND POOL,				
PO BOX 4289, Farmington, NM 87499 (505) 326-9700									BLANCO MESA VERDE				
4 LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*									11 SEC, T, R, M, OR BLOCK AND SURVEY				
At surfac	e UNI	T O, (SWSE) 1076	6' FSL & 1708' FE	L	L				RCVD DEC 6 '11				
At top prod interval reported below UNIT P, (SESE) 1121' FSL & 686' FEL									SEC. 23, T31N, R10W				
At total d	enth UNI	T P, (SESE) 1121	' FSL & 686' FEL										
, it total a	op	, (0202) 2 .	. 02 0 000 . 22							<u> QIL CONS. DIU</u>			
			14	PERMIT NO.	DATE ISSUE	D			OUNTY OR	132 STATE PROPERTY			
								1 .	PARISH	New Mexico			
5 DATE SPU	JDDED 16	DATE T D REACHED	17 DATE COM	PL (Ready to prod)	1	18 ELE	VATIONS (DF, R	KB. RT. F	an Juan BR. ETC)*	19 ELEV CASINGHEAD			
8/23/1	I	9/17/11		11/15/11 - GR			GL-6403'			nist 3			
	EPTH, MD &TVE			22 IF MULTIPLE CO	OMPL,		ERVALS		Y TOOLS	CABLE TOOLS			
0.00 ** -				HOW M		DR	RILLED BY	ı		•			
	1D / 7,783'-T		ID / 7,777'-TVD	ANAE (NAD AND TV(D)				Щ,	yes	TIONAL			
+. PRODUCT	HONINTERVAL	(o) OF THIS COMPLE	HON-TOP, BOTTOM, N	AIVIE (IVID AND TVD)*					25 WAS DIRECT SURVEY MA				
BLANG	CO MESA	VERDE / 4,920'	- 5,947'							YES			
		HER LOGS RUN								27 WAS WELL CORED			
GR/C	CL/CBL			<u> </u>	· · · • • · · · · · · · · · · · · · · ·			<u> </u>		No			
3			C	ASING RECORD (Report all string	s set in v	well)						
CASING SIZ		WEIGHT, LB /FT	DEPTH SET (MD)	HOLE SIZE			EMENTING RECO	RD	A	MOUNT PULLED			
9 5/8",	, H-40	32.3#	224'	12 1/4" Surface, 121 SX (154cf)									
		00"	2 0701	Surface, 495 SX (1031cf) 8 3/4" Stg Tool @ 3,203', ACP @ 3,						27 881 0			
7", c		23#	3,650' 8,000'	8 3/4" 6 1/4"			319 SX (644)			37 BBLS			
9	, L-00	LINER RE		0 1/4	30.	2,000,	319 3X (0440		TUBING RECORD				
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE		DEPTH SET		PACKER SET (MD)				
					2 3/8", L-	80							
					4.7#		7,781'						
		(Interval, size and num	ber)	32		1	T, FRACTURE			· - · · · · · · · · · · · · · · · · · ·			
	out w/ .34"			5,656' - 5,947' Acidize w/ 10 bbl						•			
_	656 - 5,94 <i>1</i> / .34" diam	= 26 holes		70Q N2 Slickfoam					2,093# 20/40	Brady Sand.			
		' = 22 holes		N2: 1,478,100 sci				s 15% HCL Acid. Frac w/ 2,181 bbls					
wis w/ .3		1.0103		7.000.000				n w/ 50,423# 20/40 Brady Sand.					
		' = 25 holes		N2: 1,292,700 sci						rady Sanu.			
tal Holes	s = 73			4,920' - 5,264' Acidize w/ 10 bbls					ICI Acid Er	ac w/ 3 124 bbis			
				<u> </u>	70Q N2 Slickfoam								
							1,416,500 scf		, _				
3	nonlorion.	DDANU	CTION METHOD (Flowin		RODUCTION	ma)			IVA/ELL STATUS	(Producing or shut-in)			
	RODUCTION 15/11 - GRS	L L	OWING	, у да эт, ритрту—S	and type of pu	ر م			SI	(r rouding of Stidt-III)			
TE OF TEST		HOURS TESTED		DD'N FOR OILE	BBL	GAS	MCF	WATE	RBBL	GAS-OIL RATIO			
				T PERIOD		1		1					
11/1		1	1/2"	<u> </u>	0		ace mcf/h	<u>L</u>	0	<u>]</u> .			
OW, TUBING	PRESS.	CASING PRESSURE		ILBBL	GASMCF		WATERB	BL		OIL GRAVITY-API (CORR.)			
01.44	14:	01.0001	24-HOUR RATE	0				_					
	I1psi TION OF GAS (S	SI-383psi Sold, used for fuel, vente	ed, etc)	0	5mcf/	u		0	TEST WITNESS	ED BY			
,		To be sold											
5 LIST OF A	ATTACHMENTS			••••					L				
nis is a B	lanco Mesa	Verde / Basin Da	ıkota being comn	ningled by DHC	Order #3427/	٩Z							
			formation is complete an							***************************************			
	/	-	_						ACC	EPTED FOR REC			
	1)	No Comment	-A-P1 1				_		ACS	EDIED FOR KI			

*(See Instructions and Spaces for Additional Data on Reverse Side) 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.

FARMINGTON/FIELD OFFICE

DEC U Z ZUII

API#30-045-35077			ATLANTIC COM A 7C			
Ojo Alamo	1665'	1746'	White, cr-gr ss.		Ojo Alamo	1665'
Kirtland	1746'	3048'	Gry sh interbedded w/tight, gry, fine-gr ss.		Kirtland	1746'
Fruitland	3048'	3378'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.		Fruitland	3048'
Pictured Cliffs	3378'	3526'	Bn-Gry, fine grn, tight ss.	200	Pic.Cliffs	3378'
Lewis	3526'	4106'	Shale w/siltstone stringers		Lewis	3526'
Huerfanito Bentonite			White, waxy chalky bentonite		Huerfanito Bent.	4106'
Chacra	4463'	4915'	Gry fn grn silty, glauconitic sd stone w/drk gry shale		Chacra	4463'
Mesa Verde	4915'	5267'	Light gry, med-fine gr ss, carb sh & coal		Mesa Verde	4915'
Menefee	5267'	5653'	Med-dark gry, fine gr ss, carb sh & coal		Menefee	5267'
Point Lookout	5653'	5954'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation		Point Lookout	5653'
Mancos	5954'	6917'	Dark gry carb sh.		Mancos	5954'
Gallup	6917'	7654'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh		Gallup	6917'
Greenhorn	7654'	7702'	Highly calc gry sh w/thin lmst.	1	Greenhorn	7654'
Graneros	7702'	7759'	Dk gry shale, fossil & carb w/pyrite incl.	7.5	Graneros	7702'
Dakota	7759'	8004'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks		Dakota	7759'
Morrison			Interbed grn, brn & red waxy sh & fine to coarse grn ss	- 6	Morrison	

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Ferm 3160-4 (October 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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OMB NO. 1004-0137 | 11-1 | 1 | 2011 Expires December 31, 1991

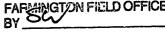
5 LEASE DESIGNATION AND SERIAL NO

NM-013688Land Management

WELL C	OMPLE	TION	OR R	ECOMPL	ETION R	EPC	RT AND	LOC	3*	6 IFI	NDIAN, ALLOTTE	E.OR TRIBE, NAME 1010 UTITO		
1a TYPE OF	WELL.		OIL WELL	GAS WELL X	DRY	Other								
h TVDE OF	COMPLETION	NI∙	-							7 UN	IT AGREEMENT	NAME		
o mreon	NEW 🛐	WORK [DEEP-	PLUG	DIFF	1					RM OR LEASE NA	AME, WELL NO		
	WELL.	OVER	EN	BACK	RESVR	Other					ΑΤΙ ΑΝΤΙ	C COM A 7C		
2 NAME-O	F OPERATOR	₹								9 AP	I WELL NO	O COM A 7C		
B	ROG	<u>C</u>									30-04	45-35077-00C1		
3. ADDRES	S AND TELE	PHONE !			05) 326-97					10 FIELD AND POOL, OR WILDCAT				
	BOX 4289		BASIN DAKOTA 11. SEC. T. R. M. OR BLOCK AND SURVEY											
4 LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface UNIT O, SWSE 1076' FSL & 1708' FEL											OR AREA			
At surfac	e UNI	11 0, 5	VSE 1076.	FSL & 1708 F	-EL									
At top prod. interval reported below UNIT P, SESE 1121' FSL & 686' FEL											SEC. 23, T31N, R10W			
, w top bu	Ju. 11.101 Full 10	portou po							i					
At total d	epth UNI	IT P, SE	SE 1121' I	FSL & 686' FE	L							RCVD DEC 6'11		
				ſ	14. PERMIT N	10	DATE ISSUE	D		12 C	OUNTY OR	13 STATE		
							I				PARISH			
15 DATE 02:	IDDED 140	DATETO	REACHED	17 DATE (COMPL (Ready t	to amd \		10 =	EVATIONS (DF, R	/D DT 1	D ETC.	New Mexico 19 ELEV. CASINGHEAD		
15. DATE SPI 8/23/1			17/11	I' DATE	11/15/11		s	I'O EL	EVATIONS (DF, RI GL-6403'			•		
	PTH, MD &TV			ACK T D , MD &TV		TIPLE CO	OMPL,		23. INTERVALS RO		Y TOOLS	cailcons. Di v.		
0.00415	ID / 7 7001 7	,,,,	7 000 -	AD / 7 7771 TV		HOW MANY* DRILLED BY					1/00	1		
	ID / 7,783'-T			ID / 7,777'-TV TION-TOP, BOTTO		2 ND TVD)*		I			yes 25 WAS DIREC	TIONAL		
		` '		•		/					SURVEY M			
BASIN DAKOTA - 7,765' - 7,972' 26 TYPE ELECTRIC AND OTHER LOGS RUN											S WELL CORED	YES		
	CL/CBL	I HER LOG	IS KON							No				
28	02/024				CASING RE	CORD (Report all strings	s set in	well)					
CASING SIZ	ZE/GRADE	WEIGH	T, LB /FT	DEPTH SET (M		HOLE SIZE TOP OF CEMENT, CEMENTING REC					A	MOUNT PULLED		
9 5/8"	, H-40	32	2.3#	224'	12 1	12 1/4" Surface, 121 SX (154ct			21 SX (154cf)			13 BBLS		
						• I		nce, 495 SX (1031cf)						
7", c 4 1/2"			23# 1.6#	3,650' 8,000'				@ 3,203', ACP @ 3,205' 2,060', 319 SX (644cf)				37 BBLS		
29	, 2-00	•	LINER RE			30					I IBING RECORI)		
SIZE	TOP (MD)	вот	TOM (MD)	SACKS CEMEN	NT* SCREE	N (MD)	SIZE		DEPTH SET	MD)	P/	ACKER SET (MD)		
							2 3/8", L-	80	7 7041					
31 PERFORA	ATION RECORD) (Interval	size and num	her)	32		4.7#	D SHO	7,781' OT, FRACTURE	CEME	NT SOUEEZE	FTC		
Dakota w/		· (······		,		7,765' -	7,972'					ac w/ 2,882 bbls		
2 SPF @ 7,	883' - 7,972	' = 28 h	oles			70Q N2 Slickfoa								
_	765' - 7,867	' = 26 h	oles			N2: 2,468,000 sc								
Total Holes	s = 54							┨						
												,,,		
								1						
22						The state of the s	RODUCTION	L						
DATE FIRST P	RODUCTION		PRODUC	CTION METHOD (F	lowing, gas lift, po		RODUCTION size and type of pur	np)	·		WELL STATUS	(Producing or shut-in)		
	15/11 - GRS			WING						SI				
DATE OF TES	Γ	HOURS T	ESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OILE	BBL	GAS	MCF	WAT	ERBBL	GAS-OIL RATIO		
11/1	6/11		1	1/2"			0		20mcf/h		0			
FLOW TUBING		CASING F	PRESSURE	CALCULATED	OIL-BBL			WATERBB				OIL GRAVITY-API (CORR)		
				24-HOUR RATE	_									
	11psi TION OF GAS (383psi for fuel, vente	ed, etc)	1 0	0 475mcf/d			<u> </u>	0	TEST WITNESS	ED BY		
J4. 510, 501	34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold													
35 LIST OF ATTACHMENTS														
							Order #3427							
36 I hereby	certify that the fo	oregoing ar	nd attached in	formation is comple	ete and correct as	determin	ed from all availabl	e record	is					
0101/55	1	11/10	- A-11	יין נוחמי	n e	04-5	f Dogulator: "	raab	icain	D	ACC	2P7EV/FOR RECOR		
SIGNED <	וענ	wc \	J/100	uvy_ III	TLE	Staf	f Regulatory 1	ecnn	IUdill	DATE		20 p ===================================		

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