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-	079527
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WELL COMPLI	ETION OR F	RECOMPLE.	TION REPO	ORT AND	LOC	3*	6 IFII	NDIAN, ALLOTTE	E OR TRIBE NAME
1a TYPE OF WELL	GIL WELL	GAS WELL X	DRY Other					Repor	to lease,
b TYPE OF COMPLETE	ON [,]						7 UNI	TAGREEMIENTI SANJIIIA	N 27-4 UNIT
NEW X	WORK DEEP-	PLUG	DIFF Other			A RESIDENCE	8 FAF	RM OR LEASE NA	-
WELL	OVER EN	BACK BACK	RESVROther		- 6	AN AM		NAIII NA2	27-4 UNIT 35M
2 NAME OF OPERATO	R		-	THE S	A B	44	9 API	WELL NO	27 4 01411 00111
		& Gas Company	<i>y</i>		2	· 3011		30-03	39-30605-00CV
3 ADDRESS AND TELE		/		Ros	٠	15,43011	10 (FU	ELD AND POOL,	27-4 UNIT 35M 39-30605 ~ OOC \ OR WILDCAT I DAKOTA BLOCK AND SURVEY 34, T27N, R4W 26, T27N, R4W
PO BOX 4289 4 LOCATION OF WELL	9, Farmington, NN		326-9700		\mathcal{U}	1 1	V. 20	NO BASIN	DAKOTA
		-	e willi any state req	juirements)	•	CLOUL IN	Shhoo	C, I, K, W, OF RARFA	REDCK AND SURVEY
At surface A	(NE/NE), 400' FNL	. & 405 FEL			ر م	will gur.			,
At top prod interval re	enorted below	M (SW/SW), 708	' FSL & 696' FW	I.	60	Suoi		SUR: Sec.	34. T27N. R4W
		(,,		_	Brie				• .,
At total depth M	(SW/SW), 708' FS	L & 696' FWL						BOT: Sec.	26, T27N, R4W
		14.	PERMIT NO	DATE ISSUE	D		12 C	DUNTY OR	13 STATE
				1				ARISH	
IS DATE ON IDDED TO	DITET O BELOVED	Id7 DATE COM	DI (Decelide and 1)	1	=:		Ri	o Arriba	New Mexico
05/23/11	DATE T D REACHED 06/24/11	I' DATE COM	PL (Ready to prod) 09/29/11 GRO		I8 ELE	EVATIONS (DF, RK GL 7249'			19 ELEV CASINGHEAD
0 TOTAL DEPTH, MD &TV		BACK T.D., MD.&TVD	22 IF MULTIPLE CO		23 INT			/ TOOLS	CABLE TOOLS
		·	HOW M	ANY*		RILLED BY			1
MD 8861' / 8548' \ 4 PRODUCTION INTERVA		846' / 8533' VD	2					yes	TIONIAL
4 PRODUCTION INTERVA	IL (S) OF THIS COMPLE	ETION-TOP, BOTTOM, I	NAME (MD AND IAD).				l	25 WAS DIRECT SURVEY MA	
Basin Dakota 86							ŀ		YES
6 TYPE ELECTRIC AND O	THER LOGS RUN					ŀ	27 WAS	WELL CORED	
GR/CCL/CBL				5		1			No
8 CASING SIZE/GRADE	WEIGHT, LB /FT	DEPTH SET (MD)	ASING RECORD (· · · · · ·		Well) EMENTING RECOR	en I	ΔΛ	MOUNT PULLED
9 5/8" / H-40	32.3#	352'	12 1/4"			(225cf-40bbls		710	20bbls
					_	3990',		·	
7" / J-55	23#	5142'	8 3/4"	Surface, 6	71sx(1374cf-244bbl	s)	1412	37bbls
4 1/2" / L-80	11.6# LINER RE	8828'	6 1/4"	30	7, 388	sx(778cf-138b		BING RECORE	CLUDES SQZ
SIZE TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE		DEPTH SET (N			CKER SET (MD)
				2 3/8"		8708'			
PERFORATION RECORI	D (Interval size and num	ahor\	100			/ L-80	05.45	T COURTE !	
kota w/ .34" diam.	D (Interval, Size and num	iber)	32 8602'-			T, FRACTURE,			=1C 2,981gals 70% Quality
SPF @ 8602'- 8710' =	32 Holes		- 5502		Slick	water N2 Foan	o // ⊓0 n w/ 4′	i.701# 20/40	Arizona Sand 27:11
SPF @ 8732'- 8794' =					N2:2,	789,800SCF.		į.	CVDUSIZII.
K Total Holes = 52									DIL CONS. DIV.
									# K & # 1
3 TE FIRST PRODUCTION	PRODUCTION PRODUC	CTION METHOD (Flowin	g, gas lift, pumping-si	ze and type of pum	p)			WELL STATUS (レルフェ・エ Producing or shut-in)
09/29/11 GRC	✓ FLO	WING						sı ✓	
TE OF TEST	HOURS TESTED		D'N FOR OILB T PERIOD	BL	GAS	MCF	WATE	RBBL	GAS-OIL RATIO
10/05/11	1hr.	1/2"	l l	/a / boph	2	1 mcf / h	1	/ bwph	
OW TUBING PRESS	CASING PRESSURE		ILBBL	GASMCF		WATERBBL		, papii	OIL GRAVITY-API (CORR)
		24-HOUR RATE			· /			✓.	
SI-912psi JISPOSITION OF GAS (SI-753psi	ed etc X	n/a / bopd	511 mcf/	d	29	/ bwr	O d TEST WITNESSE	D BV
.,	To be sold	()						LEGI WIIINESSE	ום ט.
5 LIST OF ATTACHMENTS		/ //							
nis is a Blanco/Mesa									
36 I hereby certify that the fo	regoing/and attached inf	ormation is complete and	d correct as determine	d from all available	records				
anes M/I/	W/W	h/(//	04	off Dogulate -	Took		D.4.T.T.		10/20/11
SNED VV		TITLE	St	aff Regulatory	rech		DATE -		10/20/11
		e Instructions							
tle 18 U S.C. Section								cy of the	CCEPTED FOR RECORD
nited States any false,	fictitious or fraudu	lent statements or	representations a	as to any matte	er with	in its jurisdictio	n.	1 ~	COLL ITTI OMISTORIA

NMOCD &

API # 30-039-30605			SAN JUAN 27-4 UNIT 35M			
Ojo Alamo	3881'	4041'	White, cr-gr ss.	3	Ojo Alamo	3881'
Kirtland	4041'	4199'	Gry sh interbedded w/tight, gry, fine-gr ss.	100	Kirtland	4041'
Fruitland	4199'	4392'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.		Fruitland	4199'
Pictured Cliffs	4392'	4570'	Bn-Gry, fine grn, tight ss.		Pic.Cliffs	4392'
Lewis	4570'	4915'	Shale w/siltstone stringers	200	Lewis	4570'
Huerfanito Bentonite	4915'	5364'	White, waxy chalky bentonite		Huerfanito Bent.	4915'
Chacra	5364'	5996'	Gry fn grn silty, glauconitic sd stone w/drk gry shale		Chacra	5364'
Mesa Verde	5996'	6238'	Light gry, med-fine gr ss, carb sh & coal		Mesa Verde	5996'
Menefee	6238'	6554'	Med-dark gry, fine gr ss, carb sh & coal		Menefee	6238'
Point Lookout	6554'	6966'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation		Point Lookout	6554'
Mancos	6966'	7700'	Dark gry carb sh.	- 4	Mancos	6966'
Gallup	7700'	8500'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh	Ť.	Gallup	7700'
Greenhorn	8500'	8548'	Highly calc gry sh w/thin lmst.		Greenhorn	8500'
Graneros	8548'	8599'	Dk gry shale, fossil & carb w/pyrite incl.	·	Graneros	8548'
Dakota	8599'	8861'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks		Dakota	8599'



Form 3160-4 /(October 1990) A.

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE* (See other Instructions on reverse side)

FOR APPROVED OMB NO 1004-0137

Expires December 31, 1991
5 LEASE DESIGNATION AND SERIAL NO

	070F0

												-010021	
WELL CO	MPLE	ETION OF	R R	ECOMPL	ETION I	REPO	ORT AND	LO	3*	6 IF IND	AN, ALLOTT	EE OR TRIBE NAME	
1a TYPE OF WE	LL	0	IL.	GAS X	DRY	Other	-			Lin	- M	18408A-MV1	
WELL WELL					₽ ∟						GREEMENT		
b TYPE OF CO	MPLETIC	N										AN 27-4 UNIT	
	ELL X	WORK D	EEP-	PLUG BACK	DIFF RESVR	Other			· Con	8 FARM	OR LEASE N	AME, WELL NO	
VVE	ELL	OVER E	~ L	BACK	KESVK	J				9	AN IIIAN	1 27-4 UNIT 35M	
2 NAME OF OP	PERATOR	?						185	W H BA	9 APIW	ELL NO	121-4 01111 00111	
			SII &	Gas Compa	nv		493		1		30-0	39-30605-CACA OR WILDCAT MESAVERDE R BLOCK AND SURVEY 34, T27N, R4W 26, T27N, R4W 13 STATE New Mexico	
3 ADDRESS AN			<i>311</i> G	Ous compe			A 1	5		10 FIELI	AND POOL	OR WILDCAT	
		, Farmington	. NM	87499 (50	5) 326-9	700			1100		BI ANCO	MESAVERDE	
4 LOCATION O	OF WELL	(Report location	clear	ly and in accorda	ance with any	State re	auirements)*		013	. 44\SEC.	JVR.M.O	R BLOCK AND SURVEY	
At surface		NE/NE), 400'			•		13	-c1	(A)	$O_{III}^{O(6)}$	REA		
Atsunace	~ (142/142), 400	1 146.	Q 405 1 EE				OΛ,	FIEIU	(30g)			
A44				M (SW/SW), 7		E18		•	Mr. Jour), C	UD. C	24 TOTAL DAM	
At top prod in	iterval rep	oned below	,	WI (344/344), /	UO FOL OCT	130 FW	/L	- ~	lung, aug.	_ ა	ur. sec.	34, 127N, R4VV	
At total depth	М (SW/SW), 708	' FSL	& 696' FWL				E311.	101/2	В	OT: Sec	. 26. T27N. R4W	
• • •	,	,					_	૽૽ૣૡૹ	,C	_		,,	
				[-	4 PERMIT	VO	DATE ISSU	D.		12 COU	NTY OR	13 STATE	
	+						Ì			PAR	ISH		
				1			<u> </u>			Rio	Arriba	New Mexico	
15 DATE SPUDDE	D 16	DATE T D REAC		17. DATE C	OMPL (Ready		_	18 ELE	EVATIONS (DF, RE			19 ELEV CASINGHEAD	
05/23/11		06/24/1			09/29/				GL 7249'				
20 TOTAL DEPTH,	, MD &TVD	21 PLU	JG, BA	CKTD, MD&TVD	22 IF MUI	TIPLE CO.			ERVALS RILLED BY	ROTARY T	OOLS	CABLE TOOLS	
MD 8861'/	05/01/	n M	n 00.	46' / 8533' VD		1100010)	SILLED B1			1	
24 PRODUCTION I					NAME (MD AT			<u> </u>			VAS DIREC	CTIONIAL	
Z+ 1 KODOOTION		(0) 01 11110 0011		014-101, 101-1014	, INCURIC (INID AL	10 1 10)				23	SURVEY M		
Blanco Me	esaver	de 5377' - 69	942'									YES	
26 TYPE ELECTRIC	IC AND OT	HER LOGS RUN								27. WAS W	ELL CORED	-	
GR/CCL/	CBL											No	
28					CASING RE	CORD	(Report all string	s set in	well)				
CASING SIZE/GR	RADE T	WEIGHT, LB /F	гТ	DEPTH SET (M		SIZE			EMENTING RECO	RD T		AMOUNT PULLED	
9 5/8" / H-4		32.3#	\vdash	352'		1/4"			(225cf-40bbls		<u> </u>	20bbls	
								ST@	<u>. </u>	' 			
7" / J-55	1	23#	- 1	5142'	83	/4"	Surface.	_	1374cf-244bb	ls)		37bbls	
4 1/2" / L-8		11.6#	十	8828'	61		TOC @ 460	0'. 388	sx(778cf-138l	obls)	IN	CLUDES SQZD UUT Z	
29.		LINE	REC	CORD			30	,			IG RECOR		
SIZE TO	OP (MD)	воттом (м	D)	SACKS CEMENT	* SCREE	N (MD)	SIZE		DEPTH SET (MD)	P	ACKER SET (MD)	
							2 3/8"		8708'			UIL CONS. [
								4.7#	L-80				
31 PERFORATION			numbe	er)	32			D, SHO	T, FRACTURE,	CEMENT	SQUEEZE,	ETC	
Point Lookout v	ν/ .34" d	liam.				6483'-	6942'	Acidi	ze w/ 10bbls 1	15% HCL	. Frac'd w	/ 36,918gals 70%151. 3	
1SPF @ 6483'- 6										n w/ 40,2	42# 20/40	Brady Sand.	
Menefee / Cliffh	ouse w	'.34" diam.						N2:1,	392,100SCF.				
1SPF @ 6002' -		25 Holes			-	6002'- 6395' Acidize w/ 10bbls				IE% HCI	Erac'd w	/ 36 346gale 70%	
Lewis w/.34"dia							'- 6395' Acidize w/ 10bbls 15% HCL. Frac'd w/ 36,246gals 70% Slickwater N2 Foam w/ 39,953# 20/40 Brady Sand.						
1SPF @ 5377' -	5878' =	22 Holes						N2:1,235,400SCF.					
	1							142.1,	233,400301 .				
MV Total Holes	= 71					5377'-	5878'	Acidi:	ze w/ 10bbls 1	15% HCL	Frac'd w	/ 36,288gals 75% Visco	
										/ 79,725# 20/40 Brady Sand.			
								N2:2,	123,100SCF.				
33	071011	PRODUCTION		ION DETUGO /CI-	1		ze and type of pum	<u>L</u>		0.875	77 AT X TUA		
DATE FIRST PRODUC 09/29/11				VING	wing, gas iiπ, pi	ımpıng-sı	ze and type of pum	P)		Si		(Producing or shut-in)	
DATE OF TEST		OURS TESTED			ROD'N FOR	OIL-B	BI	GAS-	MCE	WATER-		GAS-OIL RATIO	
			ľ		EST PERIOD	1		I	i	VIPALEN-	JUL	GAG-OIL IVATIO	
	J)	1hr.	ŀ	1/2"		l n	/a / boph	2 ا	8 mcf / h	21	bwph		
10/05/11			RE C	CALCULATED	OIL-BBL		GAS-MCF	_	WATERBB		, , , , , , , , , , , , , , , , , , ,	OIL GRAVITY-API (CORR)	
		CASING PRESSU		4-HOUR RATE			1	- √			✓		
				4-11000110411		pd	660 mcf	/d	37	/ bwpd			
FLOW TUBING PRES	ss c	SI-753ps	i 2		n/a / bo								
FLOW TUBING PRES	ss c	SI-753ps	i 2		n/a / bo		1			TE	ST WITNESS	ED BY	
SI-912psi 34 DISPOSITION O	SS C	SI-753ps	i 2 rented,		n/a / bo					TE	ST WITNESS	ED BY	
FLOW TUBING PRES	SS C	SI-753ps	i 2 rented,		n/a / bo					TE	ST WITNESS	ED BY	
SI-912ps 34 DISPOSITION O 35 LIST OF ATTAC. This is a Blanco	i DF GAS (SC	SI-753 ps SI-753 ps old, used for fuel, v To be sold	i 2 rented, I Dako	etc.	ed well und		order 3099A			TE	ST WITNESS	ED BY	
FLOW TUBING PRES SI-912ps 34 DISPOSITION O 35 LIST OF ATTAC	i DF GAS (SC	SI-753 ps SI-753 ps old, used for fuel, v To be sold	i 2 rented, I Dako	etc.	ed well und		order 3099A			TE	ST WITNESS	ED BY	
SI-912ps 34 DISPOSITION O 35 LIST OF ATTAC. This is a Blanco	i DF GAS (SC	SI-753 ps SI-753 ps old, used for fuel, v To be sold	i 2 rented, I Dako	etc.	ed well und		order 3099A			TE	ST WITNESS	ED BY	
SI-912ps 34 DISPOSITION O 35 LIST OF ATTAC. This is a Blanco	i DF GAS (SC	SI-753 ps SI-753 ps old, used for fuel, v To be sold	i 2 rented, I Dako	etc.	ed well und	fetermined	order 3099A	records		DATE	ST WITNESS	10/20/11	
SI-912ps 34 DISPOSITION O 35 LIST OF ATTAC This is a Blanco 36 I hereby county th	i DF GAS (SC	SI-753ps SI-753ps Old, used for fuel, v To be solc erde / Basin going and attache	i rented, I Dako	etc.	ed well und	tetermined St	C order 3099A d from all available taff Regulator	records y Tech		DATE	ST WITNESS		
SI-912ps: 34 DISPOSITION O 35 LIST OF ATTAC. This is a Blanco 36 I hereby celuly it	i DF GAS (So DHMENTS D Mesav hat the fore	SI-753ps SI-753ps SId, used for fuel, v To be solo erde / Basin going and attache	Dako	etc.) ta commingle hatbris complete	ed well und	St Ices fo	order 3099A d from all available taff Regulator	records y Tech Data	on Reverse	DATE			
SI-912ps 34 DISPOSITION O 35 LIST OF ATTAC. This is a Blanco 36 I hereby county the	SS OF GAS (SO MESAV) And the fore	SI-753ps SI-753ps SId, used for fuel, v To be solc erde / Basin going and attache	Dako d Infon	etc.) ta commingle hatby is complete TITLE e Instruction me for any per	ed well und and correct as o	St Ices fo	order 3099A d from all available taff Regulator or Additional willfully to mak	y Tech Data e to an	on Reverse y department	DATE			

API # 30-039-30605			SAN JUAN 27-4 UNIT 35M	\top		
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Greenhorn	8500'	8548'	Highly calc gry sh w/thin lmst.		Greenhorn	8500'
Graneros	8548'	8599'	Dk gry shale, fossil & carb w/pyrite incl.	*	Graneros	8548'
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