Form 3160-4 (October 1990)

## **UNITED STATES DEPARTMENT OF THE INTERIOR**

(See other In-

FOR APPROVED OMB NO 1004-0137

**BUREAU OF LAND MANAGEMENT** 

JUN I 7 reversel side)

Expires December 31, 1991

5 LEASE DESIGNATION AND SERIAL NO

/FIL CO	MPLI	ETION OR	RECOMP	IFTION	RFP	ORT AND	THOC *JUS	nagam 3	FINDIAN, ALLOTT	SF-080516 EE OR TRIBE NAME	
a TYPE OF WE		OIL WELL	GAS X		Other	OIII MILE	, E G (5)				
b TYPE OF CO	MPLETI				J		<del></del>	<u> </u>	7 UNIT AGREEMENT	NAME an 28-5 Unit	
	w ELL X	WORK DEEP	PLUG BACK	DIFF RESVR	Other			-	8 FARM OR LEASE N		
W	ELL []	OVER EN	L BACK L	I RESVH				1		91 <b>P</b>	
NAME OF OF									9 API WELL NO		
ADDRESS A		Resources Oil	& Gas Com	pany		<del></del> -			30-0	39-30372 OR WILDCAT	
РО ВС	X 4289	, Farmington, N		Blanco MV/Basin DK							
		. (Report location cl			y State	requirements)*			11. SEC, T, R, M, O	R BLOCK AND SURVEY	
At surface	Un	it M(SW/SW), 10	35' FSL & 865	' FWL					OH AHEA	CVD JUN 22 '09	
At top prod. in				SEC. 14 T28N R5W, NMPM OIL CONS. DIV.							
At total depth	Un	it K(NE/SW), 196	12' FSL & 1921	FWL						DIST. 3	
				14. PERMIT	NO.	DATE ISSU	ED		12. COUNTY OR ,	13. STATE	
									PARISH Rio Arriba	New Mexico	
DATE SPUDDE	D 16	DATE T D REACHED	17 DATE	COMPL (Ready			18 ELEVATION		RT, BR, ETC )*	19 ELEV CASINGHEAD	
7/16/2008 TOTAL DEPTH.	MD 8 TV	11/20/2008	BACK T.D. MD.&TV		/2009	OMPI	<del></del>	L 6849'/K	CB 6864'	CABLE TOOLS	
TOTAL DEPTH,	, ואוט פו 1/	Z1. PLUG,	UNUNIU, MUAIN	اکد. IF MUL	22. IF MULTIPLE COMPL , 23 INTERV HOW MANY* DRILLE				DIART (UULS	ADLE TOOLS	
84651/8		L (S) OF THIS COMPL	3422'/8146'		2		<u> </u>		yes	TOWN	
		• •	ETION-TOP, BOTT	JWI, NAME (MD A	414D 1AD)	)	•		25. WAS DIREC SURVEY M		
		320'-8412'						1	WAS WELL CORED	No	
GR/CCL/		ITICH LUGS KUN						[27	WAS WELL COHED	No	
		<del></del>		CASING RE	CORD	(Report all string	s set in well)				
CASING SIZE/GF	RADE	WEIGHT, LB./FT	DEPTH SET (	MD) HOLE	HOLE SIZE TOP OF CEMENT, CEMENTING R						
9 5/8"		32.3#/H-40	229'	12 1	12 1/4" Surf. 76sx(122cf-22bbls)					2bbls	
7"		23#/L-80	4674'	8 3	/4"	Stage Tool @ 3378' Surf. 750sx(1559cf-277bbls				71bbls	
4 1/2"		11.6#/L-80/J-55	8428'		6 1/4" TOC 280		'/340sx(687cf-122bbls)		<u> </u>		
SIZE TO	OP (MD)	LINER R BOTTOM (MD)	ECORD SACKS CEMEN	NT' SCREE	N (MD)	30 SIZE	DEB	PTH SET (MD	TUBING RECORE	OACKER SET (MD)	
- I		DOTTON (WD)	OHONG CEIVIE	GONEE	(.415)	2 3/8"	- DEP	8359'	·	ONEH DET (IVID)	
0505051515	occo-	1				1 2		A=115 == ==			
in Dakota P		) (Interval, size and nui " diam	noer)	32	8320'-				EMENT SQUEEZE,		
SPF = 8320'					Slickwater w/ 40,6					, 3	
SPF = 8388											
sin Dakot To	tai Hole	es = 40			·		<del> </del>				
		`		L	PF	RODUCTION	<u> </u>				
FIRST PRODUC		4	CTION METHOD (F	lowing, gas lift, pu			pp)		i i	Producing or shut-in)	
N/A E OF TEST		HOURS TESTED	nner CHOKE SIZE	PROD'N FOR	OILB	BBL	GASMCF	······	SI VATERBBL	GAS-OIL RATIO	
	Ì			TEST PERIOD	1		Ì	]			
5/28/2009 W TUBING PRES		1 CASING PRESSURE	1/2"	OILBBL	<u></u>	GASMCF	5MCF/	/H ATERBBL	.2BWPH	OIL GRAVITY-API (CORR.)	
. Jobing FRES	JJ.	CALIFICATION TO THE COUNTRY	24-HOUR RATE	OIL-PUL		GAG-WICE	VVA	UDE		OLE GLIAVII TAFT (CORE.)	
859psi		713psi		0		127MCF	D O	4E	BPD		
DISPOSITION C	Jr GAS (S	Sold, used for fuel, vent To be sold	ea, etc. )						TEST WITNESSE	±D BY	
LIST OF ATTAC	HMENTS									<del></del>	
		asin Dakota/Bla									
I hereby certify the	hat the for	egoing and attached in	formation is complet	e and correct as o	determine	d from all available	records				
NED Z	he	0:1al	ly TITI			Regulatory To		DA		ASSELED LON	
		•	e Instruction	•					•	JUN 19 20	
		1001, makes it a				•		•	• .		
eu States ar	ıy talse,	, fictitious or fraud	uieni statemer	ns or represe	nuation	is as to any m	atter within its	s junsaicti	on.	earningaon field	
										- a s \r-	

			•			
API # 30-039-30372	l		San Juan 28-5 Unit 91P			
Ojo Alamo	3395'	3485	White, cr-gr ss.		Ojo Alamo	3395'
Kirtland	3485	3746'	Gry sh interbedded w/tight, gry, fine-gr ss.	K	Kirtland	3485
Fruitland	3746'	4046'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	*	Fruitland	3746'
Pictured Cliffs	4046'	4198'	Bn-Gry, fine grn, tight ss.		Pic.Cliffs	4046'
Lewis	4198'	4696'	Shale w/siltstone stringers	- 8	Lewis	4198'
Huerfanito Bentonite	4696'	5041'	White, waxy chalky bentonite	£.	Huerfanito Bent.	4696'
Chacra	5041	5657'	Gry fn grn silty, glauconitic sd stone w/drk gry shale		Chacra	5041'
Mesa Verde	5657'	5946	Light gry, med-fine gr ss, carb sh & coal	18	Mesa Verde	5657'
Menefee	5946	62611	Med-dark gry, fine gr ss, carb sh & coal	J.	Menefee	5946'
Point Lookout	6261'	6656'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	-	Point Lookout	6261'
Mancos	6656'	7448'	Dark gry carb sh.	2	Mancos	6656'
Gallup	7448'	8194'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg, interbed sh	7.	Gallup	7448'
Greenhorn	8194'	8259	Highly calc gry sh w/thin lmst.	*	Greenhorn	8194'
Graneros	8259'	8319'	Dk gry shale, fossil & carb w/pyrite incl.		Graneros	8259'
Dakota	8319'		Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks		Dakota	8319
Morrison		,	Interbed grn, brn & red waxy sh & fine to coarse grn ss	, F	Morrison	1

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Form 3160-4 (October 1390)

**UNITED STATES DEPARTMENT OF THE INTERIOR**  SUBMIT IN DUPLICATE\* structions on reverse side)

FOR APPROVED OMB NO 1004-0137

BUREAU OF LAND MANAGEMENT BUREAU DE LAND MAN

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

						fi-610 H a sac t	\$ 43	a gord -		USA S	SF-080516		
<b>WELL COMPL</b>	ETIO	N OR F	RECOMP	LETIC	ON REI	PORT AND	LO	G*	6 IF INDIAN,	ALLOTTE	EE OR TRIBE NAME		
1a TYPE OF WELL:		ÖİL	GAS X										
	•	WELL	MELL T	J DA1	L			-	7 UNIT AGRE	EMENT	NAME		
b TYPE OF COMPLET	TION:										an 28-5 Unit		
NEW WELL	WORK OVER	DEEP-	PLUG BACK	DIFF					8 FARM OR	EASE N	AME, WELL NO		
WELL [	OVER	L., EN	L BACK L	HES	SVR L			-			91P		
2 NAME OF OPERAT	OB			<del></del>					9 API WELL				
/		urces Oil	& Gas Com	nanv					30-039-30372				
3 ADDRESS AND TE									10 FIELD AND POOL, OR WILDCAT				
PO BOX 428	99. Farn	Blanco MV/Basin DK											
4 LOCATION OF WEL		11 SEC., T., I	R, M, OF	R BLOCK AND SURVEY									
At surface U	nit M(SV	OR AREA											
· · · · · · · · · · · · · · · · · · ·		RCVD JUN 22 '09											
At top prod. interval	renorted l	SEC. 14 T28N R5W, NMPM											
At top prod. Interval	eported	DEIUW	Offic IX	(142)	), 1302 T	SL & 1921' FWL			020.				
At total depth U	nit K(NE	E/SW), 196	2' FSL & 1921	' FWL						[	M CONS. DIV.		
•	•	,								•			
				14. PE	RMIT NO.	DATE ISSU	ED		12. COUNTY OR 13. STATE				
						1		PARISH	DIST. B.				
15 DATE SPUDDED 16	DATE *	D REACHED	17 DATE	COMPL /	(Ready to prod	4)	110 11	EVATIONS (DE D	Rio Arr		New Mexico		
7/16/2008	'	.D REACHED /20/2008	I'. DATE		5/29/2009	' E		PKB, RT, BR, ETC.)* 19 ELEV CASINGHEAD  P'/KB 6864'					
7/16/2006 20 TOTAL DEPTH, MD &T			BACK T.D., MD.&T\		IF MULTIPLE	23 IN	TERVALS	ROTARY TOOLS CABLE TOOLS					
O TOTAL DEFTA, MID &		121. 1200, 5	"OR I D, WID OIL	22		V MANY*				•	U.DEL TOOLO		
8465'/8189'		8	422'/8146'		2								
24 PRODUCTION INTERV	AL (S) OF	THIS COMPLE	TION-TOP, BOTTO	OM, NAME	(MD AND TV	'D)*				S DIREC			
			•						su	RVEY M			
Blanco Mesa V			·						107 H40 H151	20050	No No		
26. TYPE ELECTRIC AND C	) THER LO	GS HUN							27 WAS WELL	COHED	Ma		
GR/CCL/CBL			1.								No		
28	<u> </u>		·			D (Report all string							
CASING SIZE/GRADE		HT, LB /FT.	DEPTH SET (I	MD)	HOLE SIZE			CEMENTING RECO	RD	A	MOUNT PULLED		
9 5/8"	32.	3#/H-40	229'		12 1/4"			122cf-22bbls)			2bbls		
<u></u>			4674'		0.0/**	-	ol @ 3378'	.					
7"								0sx(1559cf-277bbls)			71bbis		
4 1/2"	11.0#/	/L-80/J-55 LINER RE	8428'		0 1/4			X(00/CI-122DL		ECODI	3		
SIZE TOP (MD)	1 80	TTOM (MD)	SACKS CEMEN	UT+ I c	SCREEN (MD)	30. SIZE		DEPTH SET (	TUBING RECORD  F (MD) PACKER SET (MD)				
SIZE TOP (MD)	- BO	TTOW (IVID)	SACKS CEIVIEI	11 3	SCHEEN (NID)	2 3/8"		8359	(NID)		OKEN SET (MID)		
						2 0/0							
PERFORATION RECOF	RD (Interva	l, size and num	ber)	32.		AC	D. SHO	OT, FRACTURE,	CEMENT SQL	JEEZE.	ETC.		
anco Mesa Verde P	erf .34"	diam.			5972	Acid	ize w/10bbls,	15% HCL. F	rac w/	110,900gals 60Q			
Lookout @ 1SPF=			oles				n, w/100,320ĺb						
iffhouse @ 1SPF =					5662					13,700gals 60Q Foam			
wis @ 1SPF = 5052	2'-5512'=	=25 Holes				w/10	0,630lbs of AZ	Z Sand. N2:1,184,700SCF					
anco Mesa Verde T	otal Ho	ies = 82			5052'-5512'				159/ HCI - Eron w/140 200 750 20#				
	<u> </u>		3		15% HCL, Frac w/149,200gals 75Q 20# ,735lbs of AZ Sand. N2:2,139,000SCF								
, 3		,		L_		PRODUCTION	Line	ar Gel. W/123,	SA 10 SUICE	sand.	NZ:2, 139,0005CF		
TE FIRST PRODUCTION		PRODUC	CTION METHOD (F	lowing, ga		size and type of pun	η <b>ρ</b> )		JWELL S	TATUS (	Producing or shut-in)		
N/A		Flov	ving						SI				
TE OF TEST	HOURS			PROD'N		BBL	GAS-	MCF	WATERBBL		GAS-OIL RATIO		
				TEST PE	RIOD	_							
5/20/2009		1	1/2"			0	8	37MCF/H	.4BWF	'H	OIL OR WITH 151 (OCCUPY)		
OW, TUBING PRESS.			OILBE	BL	GASMCF		WATERBB	L		OIL GRAVITY-API (CORR )			
050	24-HOUR RATE		1	0 2088MCFD			D 10BWP		WBD				
859psi  4. DISPOSITION OF GAS		13psi Tortuel vente	d etc.)	L	0		שו	<u> </u>		ITNESSE	D BY		
, Did Comorer and		e sold	-, J.W. j										
5 LIST OF ATTACHMENT		e solu											
is is going to be a		akota/Ris	nco Mesa Var	de well	heina DH	C per order #27	717 <b>A</b> 7				Alter after their days are an		
115 is going to be a	oregoing a	nd attached inf	ormation is complet	te and corr	ect as determi	ined from all available	records			¥4	MAGPIENIUM NEC		
()10	۸	nn					-			1			
SNED Y'HA OI	$\int \int \int dx$	M XXI	/\-\	. =	. Qta	ff Regulatory T	echni	cain	DATE O	117	May 10 mm		
SNED WU			<u> </u>	LC	SIA	iii negulalory i	COM	valli	DATE V		1 Jun 1 3 2003		
		*(Se	e Instructio	ns and	Spaces	for Additiona	Data	on Reverse	Side)	e-0.2	E 9 770 1 6 970 n		
le 18 U.S.C. Section	1001	makes it a	crime for any r	erson k	nowingly a	ind willfully to m	ake to	any departmen	nt of agency	of the	PARKOTON FIELD OFF		
,	, 1		101 uniy p					,					

NMOCD >

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