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

		ETION OR F		ETION F	REPO	ORT AND	LOC	3*	6. IF INDIAN, ALLOT	TEE OR TRIBE NAME	
1a TYPE OF	WELL	WELL OIL	GAS WELL X	DRY	Other						
b TYPE OF	COMPLETI	ON							7 UNIT AGREEMEN	the Lewe	
	WELL X	WORK DEEP- OVER EN	PLUG BACK	DIFF RESVR	Other		7	IVEI	8 FARM OR LEASE	NAME, WELL NO	
2 NAME OF		• •							9. API WELL NO		
3. ADDRESS		Resources Oil	& Gas Compa	nny		NO	1-2	1 2011	30-	045-35130-0CI	
PO	BOX 4280	Earmington Mi	10 FIELD AND POOL, OR WILDCAT BASIN DAKOTA								
4 LOCATIO	N OF WELL	. (Report location cle	arly and in accord	5) 326-97 ance with any	State re	equirements)iin	atoni	Field Office	11 SEC,T,R,M,	OR BLOCK AND SURVEY	
At surface	• K(NESW), 1334' FS	L & 1684' FWL			Bureau of	Ĺand	Managem	OR AREA		
A 1.4			B# (OURIOUR) 40						S 2	_{0, T3} PÇ YQWOV 29 '1	
At top pro	d intervarre	ported below	M (SWSW), 10	81 FSL & /I	OR FAA	/L			Sec. 2	J, ISZN, KOV	
At total de	epth M (SWSW), 1081' FS	L & 706' FWL								
			[7	4 PERMITN	0.	DATE ISSUE	.D		12 COUNTY OR	13 OTTECONS. DIV	
									PARISH		
15 DATE SPU	DDED 16	DATE T D REACHED	17 DATE C	OMPL. (Ready t	o prod)		18 FLI	EVATIONS (DF. R	San Juan (B, RT, BR, ETC)*	New Mexico 19 ELEV CANAGE AD	
5/11/201		7/27/11		11/01/11			10 22		/ 6783'-KB	1. 22. 0131.0	
0 TOTAL DEF	TH, MD &TV	D 21 PLUG, E	BACK T.D., MD.&TVD	22 IF MULT	HOW M			ERVALS RILLED BY	ROTARY TOOLS	CABLE TOOLS	
MD-8,44	0'/TVD-8,2	71' MD-8.	433'/TVD-8,264'		2				yes	1	
		(S) OF THIS COMPLE		I, NAME (MD AN					25 WAS DIRE		
BASIN	DAKOTA	- 8,316' - 8,424	•						SURVEY	WADE	
6 TYPE ELEC	TRIC AND O	THER LOGS RUN		10.1					27 WAS WELL CORE)	
GR/CC	L/CBL									No	
8.	T		,		<u>`</u>	Report all strings		·			
9 5/8", I		WEIGHT, LB /FT	DEPTH SET (MI) HOLE S				EMENTING RECO ' sx(123cf)	RD	AMOUNT PULLED 6 bbls	
0 0.0 , .		02.07	204	12 17	•			sx (1098cf)		, 0 5510	
7", J-	55	23#	4026'	8 3/4	4''	Stage Tool @ 3234'			47 bbls		
4 1/2",	L-80	11.6#	8435'	6 1/4	4''		2000',	323 sx(650cf			
9 SIZE	TOP (MD)	LINER RE BOTTOM (MD)	SACKS CEMENT	* SCREEN	(MD)	30 SIZE		DEPTH SET (TUBING RECOR	PACKER SET (MD)	
GIZE	TOI (MID)	BOTTOW (WID)	SACKS CEMENT	GOREEN	(IVID)	2 3/8", L-	30	DEFITTOET	wo)	NOILE (ND)	
	1011 55005					4.7#		8,346'			
PERFORAT . AKOTA w) (Interval, size and num	iber)	32	,316' -				CEMENT SQUEEZE		
SPF @ 8,31					,,,,,,,	<u> </u>			w/ 40.020# 20/40 E	rac w/ 134,036 gal Brown sand.	
K holes = 6	0							,412,900scf.			
											
3					PR	ODUCTION					
TE FIRST PRO		ı	CTION METHOD (FIG	wing, gas lift, pur			ρ)		I	G (Producing or shul-in)	
11/01 TE OF TEST	/11 - GRS	HOURS TESTED	WING CHOKE SIZE IP	ROD'N FOR	OILB	IRI	GAS	MCE	SI WATERBBL	GAS-OIL RATIO	
IL OF TEST		HOUNG FEOTED	1 1	EST PERIOD	المحمدات		ا	,	**************************************	SAGOIL IVATIO	
11/1/		11	1/2" -		n/	/a / boph	6	mcf / h	n/a bwph		
OW TUBING F	PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OILBBL		GASMCF	· .	WATERBB	L	OIL GRAVITY-API (CORR)	
SI-468	psi I	SI-397psi	-	n/a bop	d	135 mcf	d	n/	a bwpd	•	
		Sold, used for fuel, vente	d, etc)						TEST WITNES	SED BY	
LIST OF AT	TACHMENTS	To be sold							L		
	fi.	verde / Basin Dal	ota beina com	mingled by	рнс о	Order #3403AZ					
		egoing and auached in							·····		
V)	e LATA.	$A \parallel_{\alpha} A \parallel_{A}$	Imye L	- Jel					A 0	CEPTED FOR REC	
3NED IN	11 W ! [M	M. X() XVX T	10	~	Staff	Regulatory To	chnic	ain	DATE	WELLED I OILLIE	
- 	101	*(Se	e Instructions	and Space	es fo	r Additional	Data	on Reverse	Side)	NOV 2 2 2044	
		1001, makes it a c	rime for any pers	son knowingl	y and ν	willfully to make	e to an	y department	of agency of the	NOV 2 2 2011	
		fictitious or fraudu									

FARMINGTON FIELD OFFICE BY

API#30-045-35130			NEWCO 1B		
Ojo Alamo	2104'	2210'	White, cr-gr ss.	Ojo Alamo	2104'
Kirtland	2210'	3324'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2210'
Fruitland	3324'	3775'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	3324'
Pictured Cliffs	3775'	3951'	Bn-Gry, fine grn, tight ss.	Pic.Cliffs	3775'
Lewis	3951'	4511'	Shale w/siltstone stringers	Lewis	3951'
Huerfanito Bentonite	4511	4545'	White, waxy chalky bentonite	Huerfanito Bent.	4511'
Chacra	4545'	5384'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Chacra	4545'
Mesa Verde	5384'	5791'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	5384'
Menefee	5791'	6106'	Med-dark gry, fine gr ss, carb sh & coal	Menefee Menefee	5791'
Point Lookout	6106'	6503'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Point Lookout	6106'
Mancos	6503'	7438'	Dark gry carb sh.	Mancos	6503'
Gallup	7438'	8160'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/ırreg. interbed sh	Gallup	7438'
Greenhorn	8160'	8218'	Highly calc gry sh w/thin lmst.	Greenhorn	8160'
Graneros	8218'	8314'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	8218'
Dakota	8314'	8440'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks	Dakota	8314'
Morrison			Interbed grn, brn & red waxy sh & fine to coarse grn ss	Morrison	



Form 3160-4 (October 1990)

UNITED STATES

SUBMIT IN DUPLICATE* (See other In-

FOR APPROVED OMB NO. 1004-0137

	DEP	Expires: December 31, 1991 5 LEASE DESIGNATION AND SERIAL NO NM-58887								
	В.									
	ь									
VELL COMPL	ETION OF E	ECOMDI E	TION DED	ORT AND	100	*	6 IF IN		E OR TRIBE NAME	
1a TYPE OF WELL.	OIL WELL	GAS X	DRY Other	OKT AND	LOC	•				
h TVDE OF OOMB ET						Ī		AGREEMENT N		
b TYPE OF COMPLET NEW ▼	_	PLUG		CEM	7[1	74 H		M OR LEASE NA	tease	
WELL X	OVER EN	BACK	DIFF RESVR Cther		<u> محم /</u> استحا		O I'AN		•	
. NAME OF OPERATO	np.						9 APIN	NEV WELL NO.	VCO 1B	
	n Resources Oil	& Gas Compan	nv A	104 0 1 36	144		3 AFI		15-35130 -000 2	
ADDRESS AND TEL		a ous compan	y h	10V 21 2 0	} 		10. FIE	LD AND POOL, (
PO BOX 428	89, Farmington, NN	BLANCO MESA VERDE								
LOCATION OF WEL									BLOCK AND SURVEY	
At surface K	(NESW), 1334' FSI	L & 1684' FWL	Bureau	of Land Ma	nagei	mei.	OF	RAREA		
At top prod. interval r	reported below	M (SWSW), 1081	1' FSL & 706' FV	٧L				Sec. 20,	T32N, R9W	
At total depth M	(SWSW), 1081' FS	L & /UD FVVL								
		14	PERMIT NO	DATE ISSUE	:D			UNTY OR	13 STATE	
		İ						ARISH	Nowi Mayina	
5 DATE SPUDDED 16	DATE T.D REACHED	17 DATE CON	MPL. (Ready to prod.)	<u>. l</u> .	18 FIF	VATIONS (DF, RKE	Sa B. RT. RF	n Juan	New Mexico 19 ELEV CASINGHEAD	
5/11/2011	7/27/11		11/01/11 - GF		.~	6768'-GL/			1 - 2221 0.1011011210	
TOTAL DEPTH, MD &T		BACK T.D., MD &TVD	22 IF MULTIPLE C	OMPL,		ERVALS F	ROTARY TOOLS CABLE TOOLS			
			1	MANY.	DR	RILLED BY			ı	
MD-8,440'/TVD-8,		433'/TVD-8,264'		2	L		lo	yes 5. WAS DIRECT	TIONAL	
			ACIVIC (MIC AND TVD)	,			2	SURVEY MA		
	VERDE - 5,390	<u>' - 6,486'</u>								
TYPE ELECTRIC AND	OTHER LOGS RUN					2	7 WAS	WELL CORED	Ma	
GR/CCL/CBL									No	
1	T		ASING RECORD						IOLNIE BUNLES	
9 5/8", H-40	WEIGHT, LB /FT 32.3#	DEPTH SET (MD)	12 1/4"			EMENTING RECOR	υ	AN	MOUNT PULLED 6 bbls	
3 3/0 , M-4U	32.3#	234	12 1/4						ס טטוס	
7", J-55	23#	4026'	8 3/4"	Surface 530 sx (1098cf) Stage Tool @ 3234'			47 bbls			
4 1/2", L-80	11.6#	8435'	6 1/4"			323 sx(650cf)				
9	LINER RE	CORD		30,			TUB	ING RECORD		
SIZE TOP (MD) BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE		DEPTH SET (M	1D)	PA	CKER SET (MD)	
		ļ		2 3/8", L-	В0	0.040				
PERFORATION RECOR	SD (Interval size and num	l nher)	32	4.7#	0 8 0	8,346' T, FRACTURE, (CEMEN!	T SOLIEEZE I	ETC	
int Lookout/Lower	, ,	,		- 6,486'		·				
SPF @ 5,980' - 6,486			3,230	notalize with to both				s 15 % HCL Acid. Frac w/ 123,718 gal n w/ 97,744# 20/40 Brown sand.		
per Menefee/Cliffh		I	N2: 1,416,200scf.				,,,	20,70 101		
PF @ 5,390' - 5,910			5,390'	5,390' - 5,910' Acidize w/ 10 bbls				L Acid. Fra	ıc w/ 112,574 gal	
/ Holes ≈ 51				70Q N2 Slickfoam					_	
					N2: 1	,443,100scf.				
					-					
3				RODUCTION	L					
TE FIRST PRODUCTION		CTION METHOD (Flowin	ng, gas lift, pumping	size and type of pun	ib)				Producing or shut-in)	
11/01/11 - GR		OWING	OD'N FOR OIL	DDI	GASI	MCE	WATER	<u>SI</u>	GAS-OIL RATIO	
TE OF TEST	HOURS TESTED		OD'N FOR OILI ST PERIOD	DOL	GASI	IVIOF	VVAIER	BOL	GAG-OIL RATIO	
11/1/11	1 1	1/2"	_	ace / boph	16	6 mcf / h	trac	e / bwph	1	
OW. TUBING PRESS	CASING PRESSURE	CALCULATED C	OILBBL	GASMCF		WATERBBL			OIL GRAVITY-API (CORR)	
		24-HOUR RATE		1				_	1	
SI-468psi 4. DISPOSITION OF GAS	SI-397psi		.25 / bopd	383 mcf	/ d	3 /	bwpc		D BV	
, DISPOSITION OF GAS		ru, etc.)					[ا	EST WITNESSE	זמ ט:	
LIST OF ATTACHMENT	To be sold						1			
1	averde / Basin Dal	kota being comm	ingled by DHC	Order #3403A2	2					

and attached information is complete and correct as determined from all available records

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

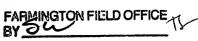
Staff Regulatory Technicain

NOV 2 2 2011

ACCEPTED FOR RECORD

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





API#30-045-35130			NEWCO 1B			
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