

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 SEP 19 2011

Expres December 31, 1991

5 LEASE DESIGNATION AND SERIAL NOTING TO Field Office
SF-07874 Ureau of Land Managemen

WELL COMP	LETION OR F	RECOMPLE	TION REPO	ORT AND	LOG*	6 IF INDIAN, ALLOTT	EE OR TRIBE NAME
1a TYPE OF WELL:	OIL WELL	GAS X	DRY Other	***************************************		Report	to Lease
b TYPE OF COMPLI						7 UNIT AGREEMENT	NAME Ian 30-6 Unit
NEW	WORK DEEP-	PLUG BACK	DIFF RESVR Other			8 FARM OR LEASE N	
WELL [	OVER EN	11M					
2 NAME OF OPERA				V		9 API WELL NO.	
3 ADDRESS AND T	on Resources Oil	10 FIELD AND POOL	039-30990-CCL , or wildcat				
PO BOX 4	289, Farmington, Ni	Basin Dakota					
	ELL (Report location clea	11 SEC, T, R, M, OR BLOCK AND SURVEY  OR AREA					
At surface	D (NWNW), 705' FN	L & 495' FWL				OK ANEA	
At top prod interva	al reported below	Section 23, T30N, R6W					
	•	C (NENW), 1042					. ,
At total depth	SAME AS ABOVE					}	
	•	14	PERMIT NO.	DATE ISSUE	D	12 COUNTY OR	13 STATE
						PARISH Rio Arriba	New Mexico
	16 DATE T D REACHED	17 DATE COM	PL (Ready to prod )		18. ELEVATIONS (DF, R	KB, RT, BR, ETC )*	19. ELEV CASINGHEAD
5-25-11 20 TOTAL DEPTH, MD	6-16-11 STVD    21 PLUG.	BACK T D, MD &TVD	8/23/11 - GRS		GL-6,440' 23 INTERVALS	/ KB-6,455'	CABLE TOOLS
,	İ		HOW M	IANY*	DRILLED BY		1
MD-8,159'/TVD 24 PRODUCTION INTE	-7,866' MD-8, RVAL (S) OF THIS COMPLE	156'/TVD-7,863' ETION-TOP, BOTTOM, N	IAME (MD AND TVD)*			yes 25 WAS DIREC	CTIONAL
_	.,					SURVEY N	MADE
26 TYPE ELECTRIC AN	TA - 8,020' - 8,136 D OTHER LOGS RUN					27 WAS WELL CORED	YES
GR/CCL/CB							No
28			CASING RECORD (				
CASING SIZE/GRADE 9 5/8, H-40	WEIGHT, LB /FT 32.3#	DEPTH SET (MD)	HOLE SIZE 12 1/4'		MENT, CEMENTING RECO	DRD ,	5 bbls
a 5/0, F1-4U	32.3#	234	14 1/4		ce - 549 sx(1130cf)		o naio
7", J-55	23#	4,105'	8 3/4"	Sta	ge tool @ 3,178'		35 bbls
4 1/2", L-80	11.6#	8,157'	6 1/4"		2,332' - 286 sx(575	tubing recor	PD
SIZE TOP (	LINER R MD) BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30 SIZE	DEPTH SET		PACKER SET (MD)
				2 3/8", L-			
PERFORATION REG	CORD (Interval, size and nui	mber)	32	4.7# ACI	D, SHOT, FRACTURE		, ETC.
Dakota w/ .34" dia	n -		8,020' -		T	15% HCL Acid. F	·
2 SPF @ 8,066'-8,1					1~	oam w/ 39,600# 20	0/40 Brady sand.
1SFP @ 8,020'-8,04 Total Holes - 57	to = 3 noies				N2: 2,356,000scf		
		نى د			1		20102
							10202122222 2000 DEC
					-	,	AND ARCHINGS
					İ	/.	& RECENT 8
33				RODUCTION	L	12	- TOTAL
DATE FIRST PRODUCTION		JCTION METHOD (Flow)			ρ)	WELL STATUS	(Producing or Shut-in)
8/24/11 - G DATE OF TEST	RS FLO	OWING CHOKE SIZE   PR	OD'N FOR OILE	BBI	GASMCF	SI \	SPRODUCING OF SHULING UP TO SHULING UP SHULING UP SHULING UP TO SHULING
	1100110 120125		ST PERIOD				3
8/31/11 FLOW TUBING PRESS	1 CASING PRESSURE	1/2"	DILBBL	0 GASMCF	TSTM WATERB	Unknown	OILGRAVITY-API (CORR)
LOW TODING PRESS	JONOING PRESSURE	24-HOUR RATE	>1C_DDF	GAS-WICE	VVATERB	<u></u>	24967E
SI-684PSI	SI-565PSI	and oto )	0	TSTM	\	Inknown	DED DV
34 DISPOSITION OF G	AS (Sold, used for fuel, veni To be sold	eu, erc )				TEST WITNES	PEN RA
35 LIST OF ATTACHM		·	···-·				
	esa Verde / Basin D	_	_		AZ. This well is pro	oducing too much	water
	de better production he foregoing and attached in				records		
, Hereby certify that t	loregoing and attached is	павон в сотреке ап	a correct as udletrisme	.c nom an avallable	,000140		4
SIGNED D	nioc four	ney TITLE	Staff	f Regulatory T	echnicain	DATEA	ANTER FOR RECOR
	*10	See Instructions	and Spaces for	or Additiona	Data on Revers		
	tion 1001, makes it a	crime for any pers	on knowingly and	d willfully to ma	ike to any departme	nt of agency of the	SEP 2 G 2011
United States any f	alse fictitious or frau	dulent statements i	or representation	s as fo any ma	affer within its illined	iction	

United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

FARMINGTON FIELD OFFICE

API# 30-039-30990			SAN JUAN 30-5 UNIT 11M			
Ojo Alamo	2706'	2807'	White, cr-gr ss.		Ojo Alamo	2706'
Kirtland	2807'	3266'	Gry sh interbedded w/tight, gry, fine-gr ss.		Kirtland	2807'
Fruitland	3266'	3635'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.		Fruitland	3266'
Pictured Cliffs	3635'	3796'	Bn-Gry, fine grn, tight ss.		Pic.Cliffs	3635'
Lewis	3796'	4367'	Shale w/siltstone stringers		Lewis	3796'
Huerfanito Bentonite	4367'	4472'	White, waxy chalky bentonite		Huerfanito Bent.	4367'
Chacra	4472	5247'	Gry fn grn silty, glauconitic sd stone w/drk gry shale		Chacra	4472'
Mesa Verde	5247'	5578'	Light gry, med-fine gr ss, carb sh & coal		Mesa Verde	5247'
Menefee	5578'	5865'	Med-dark gry, fine gr ss, carb sh & coal	Į.	Menefee	5578'
Point Lookout	5865'	6260'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation		Point Lookout	5865'
Manços	6260'	7123'	Dark gry carb sh.		Mancos	6260'
Gallup	7123'	7841'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh		Gallup	7123'
Greenhorn	7841'	7897'	Highly calc gry sh w/thin lmst.		Greenhorn	7841'
Graneros	7897'	8000'	Dk gry shale, fossil & carb w/pyrite incl.		Graneros	7897'
Dakota	8000'	8159'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks		Dakota Morrison	8000'
Morrison			Interbed grn, brn & red waxy sh & fine to coarse grn ss		Morrison	





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5 LEASE DESIGNATION AND SERMENTHINGTON Field Office
SF - 078 Mean of Land Management

								SF	- 078744 Cau OT Land Mana	agemei			
VELL COMPLETION OR RECOMPLETION REPORT AND LOG*									6 IF INDIAN, ALLOTTEE OR TRIBE NAME				
TYPE OF WELL.	OIL WELL	GAS WELL X		VMNM 78420A-7									
TYPE OF COMPLET	ION:								an 30-6 Unit				
NEW X	WORK DEEP-	PLUG BACK	DIFF	Other				FARM OR LEASE N					
WELL /	OVER EN	BACK	RESVRC	•				•	11M				
NAME OF OPERATO	OR							API WELL NO					
	Resources Oil	& Gas Compai	ıy					30-0	39-30990 <b>-00 62</b>				
ADDRESS AND TEL				_				10 FIELD AND POOL,					
PO BOX 428	39, Farmington, Ni	VI 87499 (50			Mesa Verde								
	.L (Report location clea (NWNW), 705' FN	=	ce with any Sta	ite requ	urements)			OR AREA	R BLOCK AND SURVEY				
At surface D	(14441444), 703 114	L 0. 433 1 WL											
At top prod. interval i	reported below	C (NENW), 104	2' FNL & 178	31' FV	VL			Section 2	23, T30N, R6W				
At total depth S.	AME AS ABOVE												
		14	. PERMIT NO	٠.	DATE ISSUE	D		12 COUNTY OR	13 STATE				
								PARISH	New Mexico				
DATE SPUDDED 16	DATE T D REACHED	17 DATE CC	MPL (Ready to	prod )	l	18 ELEVA	IONS (DF, RKB,	Rio Arriba RT, BR, ETC)*	19 ELEV CASINGHEAD				
5-25-11	6-16-11		8/25/11 -	GRS	3	G	L-6,440' / I			•			
TOTAL DEPTH, MD &T	VD 21. PLUG, E	BACK T D, MD &TVD	22 IF MULTI			23 INTERV		OTARY TOOLS	CABLE TOOLS				
MD 9 4 courses a	occi Indo	4 ECUTIVID 7 0001	'	M WOF		DRILLE	<b>ן</b> א א ה	vc2	I				
MD-8,159'/TVD-7  4 PRODUCTION INTERV		156'/TVD-7,863'	NAME (MD AND	2 TVD)*		L		yes 25 WAS DIREC	 CTIONAL				
			Here (INIC) FANC	,				SURVEY M	ADE				
	4 VERDE - 4,480	)' - 6,192'			A				YES				
CD/COL/CDI	OTHER LOGS RUN						27	WAS WELL CORED	M -				
GR/CCL/CBL									No				
OARINO SIZZIONANI	L WEIGHT LD ION	L DEDTU OFT ME			Report all string				i Wount Dill ED				
9 5/8", H-40	WEIGHT, LB /FT	DEPTH SET (MD	) HOLES			ace, 76 s	NTING RECORD	<u>'</u>	MOUNT PULLED  5 bbls				
3 0/0 , 11-40	32.31	254	12 11-	-		ce, 549 s			<u> </u>				
7", J-55	23#	4,105'	8 3/4	••		ge tool @			35 bbls				
4 1/2", L-80	11.6#	8,157'	6 1/4				6 sx (575cf)	-	,				
9	LINER R	ECORD			30			TUBING RECOR	D				
SIZE TOP (ME	) BOTTOM (MD)	SACKS CEMENT	SCREEN	(MD)	SIZE		DEPTH SET (MI	D) F	ACKER SET (MD)				
					2 3/8", L-	80	0.0001						
PERFORATION RECC	RD (Interval, size and nur	mber)	32		4.7#	ID SHOT I	8,053'	EMENT SQUEEZE	ETC				
oint Lookout/Lowe		•		797' -	6,192'	7		5% HCL Acid. F					
SPF @ 5,797' - 6,19		a.u	<u> </u>						/40 Brady Sand.				
pper Menefee/Cliff		n -				1 -	14,200scf.	00, 100, 20	no Draug Garia.				
SPF @ 5,258' - 5,7	46' = 26 holes		5,	258' -	5,746'	Acidize	w/ 10 bbls 1	5% HCL Acid. F	rac w/ 109,620 gal				
wis w/ .34" diam -						70Q N2	slickfoam w	/ 39,705# 20/40 E	Brady Sand.				
SPF @ 4,480'-4,978 otal Holes <i>-</i> 77	' = 25 holes					N2: 1,30	8,100scf.	·					
otal noies - //			4,	480' -	4,978'	4							
						75Q Aqua Star I							
						W/80,100	)# 20/40 Bra	dy Sand. N2: 1	875,900sct.				
3				PR	RODUCTION	1							
TE FIRST PRODUCTION 8/25/11 - GR		OWING	wing, gas lift, pun	npingsi	ize and type of pun	īP)		WELL STATUS	(Producing or shul-in)  (Produ				
TE OF TEST	HOURS TESTED		ROD'N FOR	OILB	BBL	GASMCI		WATER-BBL	GAS-OIL RATION	स्र			
		]	EST PERIOD			J	1			<i>"43</i> 4/			
8/31/11	11	1/2"  -			0	TS	STM	Unknown	6 n-	12			
OW. TUBING PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE	OILBBL		GAS-MCF	1	WATER-BBL		OIL GRAVITY-APII(CORR)EIVE	n E			
SI-674PSI	SI-565PSI		0		TSTN	,	Hel	known	4 (SENIOUS)				
4 DISPOSITION OF GAS		ed, etc )			1311		- 011	TEST WITNES	SED BY:7	٧			
	To be sold							TEST WITNES	OIL CONS DIV DIST				
5 LIST OF ATTACHMEN							·		water FOLSE SANDERS TO SERVE TO	3 _S			
his is a Blanco Me						AZ. This	well is prod	ucing too much	water 0	~ <b>*</b> /			
test. Will provide									<u>\60</u>	<b>\</b> //			
I hereby certify that the	foregoing and attached in	formation is complete	and correct as de	termine	d from all available	records			34567				
A		0011	_	04 55			_		GARGEFYED FOR	RECO			
GNED ( )	pot own	TITLE		Staff	Regulatory	ecnnicai	<u> </u>	ATE	THUTE! LD . OIL	" man de Angel			
	*(8	ee(Instruction	s and Spac	es fo	or Additiona	l Data or	Reverse :	Side)	APP A A	<b>∩</b> 4 4			
tle 18 U S.C Section	· / ·	v	•					•	SEP 2 0 2	ווט			

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