Form 3160-4 (October 1990)

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

USA SF 079391

											_[USA SE UI	9391		
VELL (COMPL	ETION	OR R	ECOMP	LET	ON R	EP	ORT AND	LOG	*	6. IF	INDIAN, ALLOTTE	E OR TRIBE NAME		
1a TYPE OI			OIL	GAS WELL			Other			<u> </u>	┥,	inun. T	OU OOD - WIN		
			WELL (WELL [<u>.</u>	``' Ш	Outo			•	7 UN	NT AGREEMENT	SHO9B-MU)		
b. TYPE OF	F COMPLET				_	_						San Juan 2			
	WELL X	WORK OVER	DEEP-	PLUG BACK	Di Ri	IFF. ESVR	Other				8. FA	RM OR LEASE N	AME, WELL NO.		
										1	1	San Juan 2	7-5 Unit 909		
2. NAME O	F OPERATO	R									9. AF	PI WELL NO.			
				IL & GAS C	OMPA	NY					<u> </u>	30-039-303	09-00cg		
	S AND TEL				EOE\ 3	26 076	10				•	IELD AND POOL,			
PO BOX 4289, Farmington, NM 87499 (505) 326-9700 4 LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*										Blanco MV/Basin DK 11. SEC., T., R , M , OR BLOCK AND SURVEY					
At surfac				FSL & 1892		oner day o	iuio , o	qui omenta j			4	OR AREA	C DECOR AND GORVE		
At Sunac		iii ii jozi	344), 000	1 3L & 1032	. FVVL						Sec	8. T27N. R05V	V. NMPM		
At ton on	od. interval n	enorted hel	ow	Unit K (NES	SW). 18	62' FSI	& 227	76' FWI			1 000.	K(Y,NMPM VD SEP 29 '08		
, it top pr				,	•			• • • • • • • • • • • • • • • • • • • •			1		IL CONS. DIV.		
At total d	epth Ur	it K (NES	SW), 1862	2' FSL & 227	76' FWL	./					i	_	DIST. 3		
					44 5	COLUT NO		DATE IOCUE			ļ.,	OUR TO CO.			
					14. PI	ERMIT NO	J.	DATÉ ISSUE I)			OUNTY OR PARISH	13. STATE		
					1			1			1		New Mexico		
5. DATE SP			. REACHED	1		. (Ready t	o prod)	•		VATIONS (DF, RI	KB, RT, B		19. ELEV CASINGHEAD		
05/12/0		05/24/			9/17/0				GL	6591'	KB	6606'			
0. TOTAL DI	EPTH, MD &/I	VO 2	1. PLUG, B	ACK T.D , MD &	ITVD 2	2. IF MULT	IPLE C		23. INTE	RVALS LLED BY	ROTAR	RY TOOLS	CABLE TOOLS		
D=7984'	TVD=780	1.	MD=7981'	' TVD=779	18'		2) Ditti		yes				
				ETION-TOP, BC				/D)*			17.50	25. WAS DIREC	TIONAL		
	Dia-s-	Macar	anda 450	41 60001								SURVEY MA			
8 TVDE ELE	ECTRIC AND		erde 453	1 -0089			: -				127 MA	S WELL CORED	Yes		
	BL, CCL		30 11011								121.110	S WELL CONLD	No		
	DL, OOL		-		<u> </u>	SINC OF	CODD	/Dopped all atria-	4 :	//\	<u> </u>		140		
8. CASING SIZ	ZE/GRADE	WEIGHT	IR/ET [DEPTH SET		HOLE S		(Report all string		MENTING RECO	חשר		OUNT PULLED		
9 5/8",		32.3#	, 20.771.	228'	<u></u>	2 1/4"	12.0	surface; 76 s		(124 cf)	JND	5 bbls	OUNT POLLED		
7", J-5		23#		3861'		3/4"		TOC 135';640							
4 1/2", .	J-55	11.6#		7982'	6	1/4"		TOC 2640'; 3'	0 sx	(624 cf)					
9.	,		LINER RE					30				BING RECORD			
SIZE	TOP (MD)	ВОТТ	OM (MD)	SACKS CEM	ENT*	SCREEN	(MD)	SIZE 2-3/8", 4.7#,	TEE	DEPTH SET 7890'	(MD)	PA	CKER SET (MD)		
	 							2-3/0 , 4./#,	J-55	7090					
PERFOR	ATION RECO	RD (Interval,	size and nui	mbe)r	3:	2.		AC	D, SHO	T, FRACTURE,	CEMEN	T SQUEEZE, E	rc.		
	k out @ .				5	773'-60	89'						38495 Gal 60Q N2		
	773'-6089'								Slick/F	oam w/ 1053	303 # 2	0/40 Brady Sa	ind		
	:liffouse (136'-5393'				ļ.	126'-53	הפו		Antalla	-d / 40 Ebi	450/ 13	Cl. From wild	36920 Gal 60Q N2		
	@ .34" 1		nes		۴	120 -00	-53					0/40 Brady Sa			
	531'-4775'		les		}				SHOW	Jan # 1030	, , , , , , , , , , , , , , , , , , ,	v. to Diady of			
					4	531'-47	75'		Acidiz	ed w/ 10 bbl	15% H	CL.			
											75Q N	2 Foam/20# L	.G w/ 185172# 20/40		
								RODUCTION	Brady	Sand					
3. TE FIRST PI	RODUCTION		PRODUC	TION METHOD	(Flowing,	gas lift, pun		ize and type of pum)			WELL STATUS (F	roducing or shut-in)		
W/O Fac]				lowing						sı	,		
ATE OF TEST		HOURS TE	STED	CHOKE SIZE	PROD'	N FOR	OILE	BL	GAS-M	CF	WATE	R-BBL	GAS-OIL RATIO		
			. !	4 (00	TEST F	PERIOD		•		a.	1		i		
09/17/0		CASING PI	SECOLOC I	1/2" CALCULATED	OIL-	991		GAS-MCF	52 mc	fh WATER-B	<u> </u>		OIL GRAVITY-API (CORR.)		
OW. TUBING	7 KE33.	CASING PI		CALCULATED 24-HOUR RATE	-	-opt		GAS-MCF		VVATEK-B	DL		UIL GRAVII T-API (CURR.)		
N/A		SI- 20	1			,		1252 mcf/d	/	1	tstm				
	ION OF GAS			d, etc.)	<u></u>			,				TEST WITNESSE	D BY		
To be	sold. W/	O facilit	ies to be	set before	e first	produc	tion.					<u>L</u>			
	ATTACHMENT														
				C# 2692AZ											
36. I hereby c	ertify that the	oregoing an	d attached in	nformation is con	mplete-ani	d correct as	detern	nined from all availa	ble record	ls					
		\prec		_											
J*	, ,			/ т	TILE F	2eaulete	ry Te	chnician			DATE	09/19/08	ACCEPTED FOR RE		
GNED _	///			<u> </u>	·· <u>-</u>	regulate					_				
GNED			*/0						l Data	on Revers	e Side	1	4		
	C Section	1001 m	•	ee Instruct	tions a	nd Spa	ces	for Addition				-	SEP 26 27		
tle 18 U.S			akes it a	ee Instruct	tions a y persor	ind Spa n knowin	ices i		ake to a	iny departme	nt of ag	-	SEP 2 6 20		

NMOCD %

Ojo Alamo	2866 ′	3017′	White, cr-gr ss.	Ojo Alamo	2866 ′
Kirtland	3017′	3126'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	3017 ′
Fruitland	3126 ′	3582 ′	Dk gry-gry carb sh, coal, grn silts, light-	Fruitland	3126'
			med gry, tight, fine gr ss.		<3
Pictured Cliffs	3582 ′	3753 ′	Bn-Gry, fine grn, tight ss.	Pic.Cliffş	3582
Lewis	3753 ′	4109'	Shale w/siltstone stringers	Lewis 🗘	37 53′
Huerfanito Bentonite	4109'	4519 ′	White, waxy chalky bentonite	Huerfanito Bent.	4 09'
Chacra	4519'	5133 ′	Gry fn grn silty, glauconitic sd stone	Chacra	
			w/drk gry shale	Mesa Verde	4 5 19 ′ 5453′
Mesa Verde	5153 ′	5395 '	Light gry, med-fi⁄ne gr ss, carb sh	Menefee	53951
			& coal	Point Lookout	57 72 ′
Menefee	5395′	5772 '	Med-dark gry, fine gr ss, carb sh & coal	Mancos	6 1 03′
Point Lookout	5772 '	6103'	Med-light gry, very fine gr ss w/frequent	Gallup	68 9 99′
			sh breaks in lower part of formation	Greenhorn	7678′
Mancos	6103 ′	6899 '	Dark gry carb sh.	Graneros	7740′
Gallup	6899 '	7678 ′	Lt gry to brn calc carb micac glauc	Dakota	7768 ′
			silts & very fine gr gry ss w/irreg.interbed sh		
Greenhorn	7678 ′	7740′	Highly calc gry sh w/thin lmst.		
Graneros	7740′	7768 ′	Dk gry shale, fossil & carb w/pyrite incl.		
Dakota	7768 ′		Lt to dk gry foss carb sl calc sl silty		
*			ss w/pyrite incl thin sh bands clay & shale brea	ks	

Solve I.

(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.

USA SF 079391

WELL COMF	PLETIC	ON OR F	RECOMPLE	ETION REP	ORT AND	LOG	3*	6 IF	INDIAN, ALLOTT	EE OR TRIBE NAME			
1a TYPE OF WELL		OII. WELL	GAS X	DRY Other				1	MNM-	140-APDP85			
b TYPE OF COMPLETION,							7 U	7 UNIT AGREEMENT NAME San Juan 27-5 Unit					
	WORK OVER	DEEP-	PLUG	DIFF				8 E	ARM OR LEASE N				
WELL	OVER		BACK	RESVROther			-	". "					
NAME OF OPERA	TOP							1 0 4	San Juan A	27-5 Unit 909			
		SOURCES	OIL & GAS COM	PANY				". ^		09-0061			
ADDRESS AND T			OIL & OAO OOM					10.	FIELD AND POOL	OR WILDCAT			
			M 87499 (505					Blar	co MV/Basi	n DK			
LOCATION OF W	ELL (Repo	rt location cle	arly and in accorda	nce with any State r	equirements)*				11 SEC., T , R., M., OR BLOCK AND SURVEY				
At surface	Unit N (S	SESW), 886	" FSL & 1892" F\	V L					OR AREA				
								Sec	.8, T27N, R05ነ	W, NMPM JD SEP 29 '08			
At top prod. interv	al reported	below	Unit K (NESW)	, 1862' FSL & 22	76' FWL								
At total depth	Unit K (N	NESW). 186	32' FSL & 2276' F	WL /						_COMS.DIV.			
·	•	• •								DIST. 3			
			14	. PERMIT NO	DATE ISSUE	D		12 (COUNTY OR	13 STATE			
					1				Rio Arriba	New Mexico			
5. DATE SPUDDED	16 DATE	T D. REACHE	D 17. DATE CO	MPL (Ready to prod	<i>(</i>)	18. ELE	VATIONS (DF, R	KB, RT, I		19. ELEV. CASINGHEAD			
05/12/08	05/2	24/08	09/1	7/08		GL	6591'	KB	6606'	•			
). TOTAL DEPTH, MD	&/TVD	21. PLUG, 8	BACK T.D., MD &TVD		COMPL., MANY*		ERVALS	ROTA	RY TOOLS	CABLE TOOLS			
)=7984' TVD=7	801'	MD=7991	' TVD=7798'	2	I Plesivi	DR	ILLED BY	yes		t			
4. PRODUCTION INTE					VD)*			1400	25. WAS DIREC	TIONAL			
n	m Palest	. 77701 T	074'	•					SURVEY MA	ADE			
Bast 5. TYPE ELECTRIC AI		a 7770' -7	9/4					127 14/	AS WELL CORED	Yes			
GR, CBL, C		LOGS NON						2'. vv /	S WELL CORED	No			
3.				CASING RECOR	D (Report all string	ne eat in	well\			110			
CASING SIZE/GRADE	WEIG	SHT, LB /FT	DEPTH SET (MD				EMENTING REC	ORD	T A	MOUNT PULLED			
9 5/8", H-40	32.3		228'	12 1/4"	surface; 76 s		(124 cf)		5 bbls				
7", J-55	23#		3861'	8 3/4"	TOC 135';64								
4 1/2", J-55	11.6	LINER RE	7982'	6 1/4"	TOC 2640'; 3	10 8X -	(624 CT)	711	BING RECORD				
SIZE TOP (N	(D) BC	OTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE		DEPTH SET			CKER SET (MD)			
		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			2-3/8", 4.7#	, J-55	7890'	<u> </u>	 	(w-)			
PERFORATION REG Dakota @ .34		val, size and nu	umbe)r	32. 7770'-7974'	AC				NT SQUEEZE, E	TC. 9859 Gal Slickwater			
7896'-79		Holes		1110-1514			# 20/40 TLC		CL. Frac W/ /	9659 Gai Slickwater			
Dakota @ .34						1	,,						
7770'-784	11' = 14	Holes											
Total of	e halaa					├—							
i Otai Oi s	o noies	1				├							
						- -							
3 TE FIRST PRODUCTION	ON .	PRODUC	CTION METHOD (Flow		PRODUCTION size and type of pum	ip)			WELL STATUS (Producing or shut-in)			
W/O Facilities		1		Flowing					SI				
TE OF TEST	HOURS	TESTED		OD'N FOR OIL-	BBL	GASN	MCF	TAW	ER-BBL	GAS-OIL RATIO			
00/47/00		4	1/2"	ST PERIOD	0	25	ofh		425 h/L				
09/17/08 DW. TUBING PRESS.	CASING	1 PRESSURE		OILBBL	GASMCF	35 m	WATER-B	BL.	.125 bwp/h	OIL GRAVITY-API (CORR.			
	1		24-HOUR RATE				1						
SI - 185#		144#		0	828 mcf/d			3 by	/p/d /				
DISPOSITION OF GA						-			TEST WITNESSE	D BY			
To be sold. V		lities to b	e set before fi	rst production					L				
		חם איפון דים	C# 2602 A 7										
This is a MV/DI 6. I hereby certify that the				and correct as deter	mined from all availa	ble recon	ds						
	5	0/											
SNED ()	1//		TITLE	Regulatory Te	echnician			DATE	09/19/08				
		/				_			Fx	400cm======			
	() (- 10-)	•	ee Instruction	•					· ,	ACCEPTED FOR RE			
le 18 U.S.C. Sect									ency of the	000 A A			
nited States any fa	nse, ncul	ous or made	Juienn Statements	or representation	mo as to arry fr	ialler W	iaini ks junsul	CHOIL.	i)	SFP 2 6 20			

NMOCD &

SEP 2 6 2008