Form 3160-4 (October 1990)

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

FOR APPROVED OMB NO. 1004-0137

Expires: December 31, 1991

**BUREAU OF LAND MANAGEMENT** 

Farmington Field Offices

LEASE DESIGNATION AND SERIAL NO

				วินตร	::::::::::::::::::::::::::::::::::::::	371d	Merager	le:		80714-A		
ELL COMPL	ETION OR R	ECOMPL	ETION RE	PORT A	AND LO	ЭG	*	6 IF I		E OR TRIBE NAME		
TYPE OF WELL.	OIL WELL	GAS WELL X	DRY Oth					N	WM %	8420D-		
- T/DE 05 004D15	'		ш				ļ		IT AGREEMENT	NAME		
TYPE OF COMPLE NEW 1		PLUG	DIFF					8 FAI	San Jua RM OR LEASE NA	an 30-6 Unit		
WELL	OVER EN	BACK	RESVROth	ner	_			O IA				
. NAME OF OPERAT	TOR .							9 AP	WELL NO	34N		
	n Resources Oil d	& Gas Comp	anv							39-30577 <b>-60C</b>		
ADDRESS AND TE		<u> </u>			-			10 FI	ELD 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)*								Basin Dakota  11 SEC, T, R, M, OR BLOCK AND SURVEY				
	• •	•	dance with any Sta	te requiremer	nts)*				EC, T, R, M, OF DRAREA	R BLOCK AND SURVEY		
At surface D	) (NWNW), 930' FNL	. & /10' FWL										
At top prod interval	reported below	Same as Abo	ve						Sec. 10.	T30N, R6W		
, a sep prod untorrai	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,								+++,	,		
At total depth S	Same as Above											
		ı	14 PERMIT NO.	DATE	E ISSUED			12 C	OUNTY OR	13 STATE		
								i	PARISH			
5 DATE SPUDDED 11	6 DATE T D REACHED	17 DATE	COMPL (Ready to pi	rod.)	I18	ELF'	VATIONS (DF, RI	(B, RT F	o Arriba	New Mexico  19 ELEV CASINGHEAD		
5/3/2011	5/16/2011							L- 6,268' / KB-6,283'				
0 TOTAL DEPTH, MD &		BACK T.D., MD &TV	D 22 IF MULTIPL	LE COMPL,	23		ERVALS		Y TOOLS	CABLE TOOLS		
7,730'	1	7,726'	HC	OW MANY*  2		ואט	LLED BY	l	yes	ł		
	VAL (S) OF THIS COMPLE		M, NAME (MD AND 1		I		··		25 WAS DIREC			
Racin Dakata	- 7,614' - 7,696'								SURVEY MA	ADE YES		
TYPE ELECTRIC AND								27 WAS	S WELL CORED	ILO		
GR/CCL/CBL	•									No		
3.		• •	CASING RECO	RD (Report a	II strings se	t ın w	vell)					
CASING SIZE/GRADE	WEIGHT, LB /FT	DEPTH SET (					MENTING RECO	RD	, V	MOUNT PULLED		
9 5/8", H-40	32.3	295'	12 1/4"				sx (137cf)			2 bbls		
7", J-55	20#	3,539'	8 3/4"	Surfac	ce, 484 sx	2.87	02cf)-Stage t	ooi @		52 bbls		
4 1/2", L-80	11.6#	7,727'	6 1/4"	T	OC @ 1,7		312 sx (627c	f)		02 D013		
9	LINER RE	CORD		30					BING RECOR			
SIZE TOP (M	D) BOTTOM (MD)	SACKS CEMEN	NT* SCREEN (M		SIZE 2 3/8"	$\dashv$	7,642'	MD)	P/	ACKER SET (MD)		
			<del></del>		7#, L-80	$\dashv$	1,042		· · · · · · · · · · · · · · · · · · ·			
PERFORATION RECO	ORD (Interval, size and num	nber)	32				T, FRACTURE,					
	- 2 SPF @ 7,614'-7	,696'	7,6	514'-7,696'						ac w/ 130,998 gal 70Q		
otal holes = 40							ckfoam w/ 40 ,380,900scf	),130#	20/40 Brown	sand.		
						Z. Z,	,500,500301					
			<u> </u>									
			<del></del>							***		
33	· PBANII	OTIONEMENT FOR VI	lowing, gas lift, pump	PRODUCTIO					IVAZELI STATLIS	(Producing or shut-in)		
TE FIRST PRODUCTION 7/27/11 - GF		OWING	nowing, gas iin, pump	ningsize and ty	pe or parrip)				SI	(Froducing of Shal-in)		
ATE OF TEST	HOURS TESTED	CHOKE SIZE		OILBBL	G	SAS-N	MCF	WATI	ERBBL	GAS-OIL RATIO		
0/5			TEST PERIOD		ر ا	_	7 £!!		•			
8/2/11 LOW TUBING PRESS	1 CASING PRESSURE	1/2	OILBBL		0   ASMCF	1	7mcf/h WATERBE	<u>L</u>	0	OIL GRAVITY-API (CORR.)		
I SANGI NEGO	J. S. IS I KEOGORE	24-HOUR RATE	]	ا		1	2	-				
SI-846psi	SI-739psi		0	40	06mcf/d			0				
4 DISPOSITION OF GA	S (Sold, used for fuel, vent	ed, etc )	<u> </u>						TEST WITNESS	ED BY		
S LIST OF ATTACHME	To be sold								L			
	esaverde & Basin Da	akota being co	ommingled by E	OHC order #	#2110.							
	e foregoing and attached in					cords			ACC	EPTED FOR REC		
	2000	nau				_			0 -	11		
IGNED	unin tout	100 tf 11	rle	Staff Regula	atory Tec	hnic	ain	DATE	<u>          8.2</u>	4112 2 0 2011-		
	*(Se	e Instructio	ns and Space	s for Add	itional D	ata	on Reverse	e Side	<del>)</del>	MUU L U LUH		
itle 18 U S C Section	on 1001, makes it a	crime for any p	erson knowingly	and willfully	to make t	o an	y department	of age	ncy of the	AINGTON FIELD OF		
Inited States any fal	lse, fictitious or fraud	ulent statemen	is or representat	וטווס מס נט מו	ny matter	with	ıın ıts jurisdict	ion.				
			NINA A	nn i					BY _	<u> </u>		

API#30-039-30577			SAN JUAN 30-6 UNIT 34N			
Ojo Alamo	2276'	2403'	White, cr-gr ss.	Ĭ,	Ojo Alamo	2276'
Kirtland	2403'	2874'	Gry sh interbedded w/tight, gry, fine-gr ss.		Kirtland	2403'
Fruitland	2874'	3192'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.		Fruitland	2874'
Pictured Cliffs	3192'	3330'	Bn-Gry, fine grn, tight ss.		Pic.Cliffs	3192'
Lewis	3330'	3918'	Shale w/siltstone stringers		Lewis	3330'
Huerfanito Bentonite	3918'	4328'	White, waxy chalky bentonite		Huerfanito Bent.	3918'
Chacra	4328'	4830'	Gry fn grn silty, glauconitic sd stone w/drk gry shale		Chacra	4328'
Mesa Verde	4830'	5167'	Light gry, med-fine gr ss, carb sh & coal		Mesa Verde	4830'
Menefee	5167'	5438'	Med-dark gry, fine gr ss, carb sh & coal	100		5167'
Point Lookout	5438'	5877'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	7	Point Lookout	5438'
Mancos	5877'	6739'	Dark gry carb sh.	y e	Mancos	5877'
Gallup	6739'	7459'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg interbed sh	3	Gallup	6739'
Greenhorn	7459'	7498'	Highly calc gry sh w/thin lmst.	2		7459'
Graneros	7498'	7612'	Dk gry shale, fossil & carb w/pyrite incl.	8	Graneros	7498'
Dakota	7612'	7730'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks		Dakota Morrison	7612'
Morrison			Interbed grn, brn & red waxy sh & fine to coarse grn ss		Morrison	1





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

FOR APPROVED OMB NO 1004-0137

BUREAU OF LAND MANAGEMENT

Farmington Field Office LEASE DESIGNATION AND SERIAL NO

	ETION OR R	ECOMPL	ETION DE	BO	Bureau o	1 OC:	k INDIANGE	6 IF IN		80714-A E OR TRIBE NAME			
TYPE OF WELL	OIL				NI AND	LUG				Q420A			
WELL WELL ON ON OTHER							-		AGREEMENT				
TYPE OF COMPLET			o.c							an 30-6 Unit			
WELL X	WORK DEEP-	PLUG BACK	DIFF RESVRO	ther _				8 FAR	M OR LEASE N	·			
NAME OF OPERATO	OR							9 API	WELL NO	34N			
	n Resources Oil a	& Gas Comp	any							39-30577-00C2			
ADDRESS AND TEL	EPHONE NO			_				10 FIE	LD AND POOL,	OR WILDCAT			
	39, Farmington, NN L. (Report location clea		05) 326-970 (anno 1976)		uiro manto \*			11 00		Mesaverde R BLOCK AND SURVEY			
	(NWNW), 930' FNL	-	iance with any St	ale req	unements j				R AREA	V DECON AND GORVET			
7 tt duritable 2	(1111111), 000 1112												
At top prod. interval	reported below	Same as Abo	ve						Sec. 10,	, T30N, R6W			
At total depth Sa	ame as Above												
At total depth Ci	anic us Above												
			14 PERMIT NO		DATE ISSUE	D			OUNTY OR ARISH	13 STATE			
				- 1					o Arriba	New Mexico			
DATE SPUDDED 16		17 DATE	COMPL (Ready to				ATIONS (DF, RK	(B, RT, B	R, ETC)*	19 ELEV CASINGHEAD			
5/3/2011 TOTAL DEPTH, MD &T	5/16/2011 VD J21 PLUG. B	BACK T.D., MD &TV	7/26/11 - D   22 IF MULTIF		/PL	23 INTE	<b>SL 6,268' /</b> RVALS	KB -	,	CABLE TOOLS			
•	21 1200, 0	, MD 41 V		IOW MA			LED BY			1			
7,730'	(1) (0) 05 1110 00100	7,726'	AA NANAE WAD ALL	2	•	<u> </u>		1.	yes	TIONAL			
PRODUCTION INTERV	'AL (S) OF THIS COMPLE	:HON-TOP, BOTTO	nvi, NAME (MDAND	ı VD)*				ľ	25 WAS DIREC SURVEY M				
	erde - 4,332' - 5,8	310'					γ	27 1111	MELL CORE	YES			
TYPE ELECTRIC AND GR/CCL/CBL								∠/ WAS	WELL CORED	No			
CITOOLIODE			CASING RECO	ORD (R	eport all strings	s set in w	l ell`\			1.0			
CASING SIZE/GRADE	WEIGHT, LB /FT	DEPTH SET (N					MENTING RECO	RD	A	MOUNT PULLED			
9 5/8", H-40	32.3#	295'	12 1/4	"			sx (137cf)			2 bbls			
79 155	204	2 5201	0.244	.	Surface, 48	-	02cf)-Stage	Tool		E2 bblo			
7", J-55 4 1/2", L-80	20#	3,539' 7,727'	8 3/4' 6 1/4'		TOC @	@ 2,8 1,726', 3	79. 312 sx *627c	n l		52 bbls			
, ==00	LINER RE				30				BING RECOR	D			
SIZE TOP (MC	D) BOTTOM (MD)	SACKS CEMEN	T* SCREEN	MD)	SIZE		DEPTH SET (	MD)	P	ACKER SET (MD)			
		<del> </del>			2 3/8" 4.7#, L-8	0	7,642'						
PERFORATION RECO	RD (Interval, size and nun	nber)	32	!	ACI		, FRACTURE,	CEME	IT SQUEEZE,	ETC			
	fee w/ .34" diam -		5,:	204' - !	5,810'	1				ac w/ 123,684 gal 70Q			
PF @ 5,204'-5,810 ffhouse w/ .34" di							kfoam w/ 10	0,559#	20/40 Brow	n sand.			
4,832'-5,158' = 25			4	832'-5	,158'	-	217,800scf. e w/ 10 bbls	15% H	Cl. acid Er	ac w/ 89 418 gal 700			
	1 SPF								ls 15% HCL acid. Frac w/ 89,418 gal 70Q 78,302# 20/40 Brown sand.				
	0 4,332'-4,738' = 25 holes				N2: 1,009,800sc								
	lioles			1				1750	/isco Elasti	c N2 foam w/ 82,103#			
	Holes		4	332 -4	•	1							
4,332'-4,738' = 25	Titles		4	JJZ -4	,	20/40 E	Brown sand.						
4,332'-4,738' = 25	noies		4			20/40 E							
4,332'-4,738' = 25 tal Holes = 76		CTION METHOD (F		PRO	DDUCTION	20/40 I N2: 1,	Brown sand.	•	WELL STATUS	(Producina or shut-in)			
4,332'-4,738' = 25	PRODU	OCTION METHOD (F		PRO	DDUCTION	20/40 I N2: 1,	Brown sand.	-	WELL STATUS	(Producing or shut-in)			
4,332'-4,738' = 25 tal Holes = 76	PRODU		PROD'N FOR	PRO	DDUCTION re and type of pun	20/40 I N2: 1,	Brown sand. 910,300scf.			(Producing or shut-in)			
4,332'-4,738' = 25 tal Holes = 76  TE FIRST PRODUCTION 7/26/11- GRS	S PRODU S FLC	CHOKE SIZE	flowing, gas lift, pur	PRO	DDUCTION re and type of pun	20/40 I N2: 1,	Brown sand. 910,300scf.		SI RBBL				
4,332'-4,738' = 25 tal Holes = 76  E FIRST PRODUCTION 7/26/11- GR: E OF TEST  8/2/11	PRODU S FLO	CHOKE SIZE  1/2  CALCULATED	PROD'N FOR	PRO	DDUCTION re and type of pun	20/40 I N2: 1,	Brown sand. 910,300scf.	WATE	SI				
4,332'-4,738' = 25 al Holes = 76  E FIRST PRODUCTION 7/26/11- GR: E OF TEST  8/2/11 W TUBING PRESS	S FLC HOURS TESTED  1 CASING PRESSURE	CHOKE SIZE	PROD'N FOR TEST PERIOD OILBBL	PRO	ODUCTION re and type of pun  BL  O  GAS-MCF	(20/40 E N2: 1,	Brown sand. 910,300scf.	WATE	SI RBBL	GAS-OIL RATIO			
4,332'-4,738' = 25 tal Holes = 76  TE FIRST PRODUCTION 7/26/11- GRS TE OF TEST  8/2/11 DW TUBING PRESS  SI-846psi	S FLO HOURS TESTED  1 CASING PRESSURE SI-739psi	CHOKE SIZE  1/2  CALCULATED 24-HOUR RATE	PROD'N FOR TEST PERIOD	PRO	DDUCTION THE and type of purious The and type of purious The and type of purious the type of type of purious the type of type	(20/40 E N2: 1,	Brown sand. 910,300scf.	WATE	SI RBBL	GAS-OIL RATIO OIL GRAVITY-API (CORR.)			
4,332'-4,738' = 25 tal Holes = 76  E FIRST PRODUCTION 7/26/11- GRS E OF TEST  8/2/11 W TUBING PRESS  SI-846psi	S FLC HOURS TESTED  1 CASING PRESSURE	CHOKE SIZE  1/2  CALCULATED 24-HOUR RATE	PROD'N FOR TEST PERIOD OILBBL	PRO	ODUCTION re and type of pun  BL  O  GAS-MCF	(20/40 E N2: 1,	Brown sand. 910,300scf.	WATE	SI RBBL 0	GAS-OIL RATIO OIL GRAVITY-API (CORR.)			
4,332'-4,738' = 25 tal Holes = 76  TE FIRST PRODUCTION 7/26/11- GRS TE OF TEST 8/2/11 DW TUBING PRESS SI-846psi DISPOSITION OF GAS 5 LIST OF ATTACHMEN	S FLC HOURS TESTED  1 CASING PRESSURE SI-739psi s (Sold, used for fuel, vent To be sold	CHOKE SIZE  1/2  CALCULATED 24-HOUR RATE  Ated, etc )	PROD'N FOR TEST PERIOD OIL-BBL	PRC	ODUCTION TO E and type of purious  BL  O  GASMCF  584mcf	(20/40 E N2: 1,	Brown sand. 910,300scf.	WATE	SI RBBL 0	GAS-OIL RATIO OIL GRAVITY-API (CORR.)			
4,332'-4,738' = 25 tal Holes = 76  TE FIRST PRODUCTION	PRODUS  FLC  HOURS TESTED  1  CASING PRESSURE  SI-739psi S (Sold, used for fuel, vent) To be sold	CHOKE SIZE  1/2  CALCULATED 24-HOUR RATE  led, etc )  akota being co	PROD'N FOR TEST PERIOD OIL-BBL 0	PRC pingsiz	ODUCTION The and type of purious  O GAS-MCF  584mcf	(d) 20/40 I	Brown sand. 910,300scf.	WATE	SI RBBL 0	GAS-OIL RATIO OIL GRAVITY-API (CORR.)			
4,332'-4,738' = 25 tal Holes = 76  TE FIRST PRODUCTION	S FLC HOURS TESTED  1 CASING PRESSURE SI-739psi s (Sold, used for fuel, vent To be sold	CHOKE SIZE  1/2  CALCULATED 24-HOUR RATE  led, etc )  akota being co	PROD'N FOR TEST PERIOD OIL-BBL 0	PRC pingsiz	ODUCTION The and type of purious  O GAS-MCF  584mcf	(d) 20/40 I	Brown sand. 910,300scf.	WATE	SI RBBL 0	GAS-OIL RATIO OIL GRAVITY-API (CORR.)			
4,332'-4,738' = 25 tal Holes = 76  TE FIRST PRODUCTION 7/26/11- GR: TE OF TEST  8/2/11  DW TUBING PRESS  SI-846psi 4 DISPOSITION OF GAS  5 LIST OF ATTACHMEN LIS is a Blanco Mei 5 Thereby certify that the	PRODUS  FLC  HOURS TESTED  1  CASING PRESSURE  SI-739psi S (Sold, used for fuel, vent) To be sold	CHOKE SIZE  1/2  CALCULATED 24-HOUR RATE  akota being conformation is comple	PROD'N FOR TEST PERIOD OIL-BBL 0	PRC of termined	ODUCTION The and type of purious  O GAS-MCF  584mcf	(d   20/40 E	Brown sand. 910,300scf.	WATE	SI RBBL 0	GAS-OIL RATIO OIL GRAVITY-API (CORR.)			
4,332'-4,738' = 25 tal Holes = 76  TE FIRST PRODUCTION 7/26/11- GR: TE OF TEST  8/2/11  DW TUBING PRESS  SI-846psi 4 DISPOSITION OF GAS  5 LIST OF ATTACHMEN LIS is a Blanco Mei 5 Thereby certify that the	PRODUS FLO HOURS TESTED  1 CASING PRESSURE SI-739psi S (Sold, used for fuel, vent To be sold ITS Saverde & Basin Da o foregoing and attached in	CHOKE SIZE  1/2  CALCULATED 24-HOUR RATE  ted, etc )  akota being conformation is comple	PROD'N FOR TEST PERIOD OILBBL  O Dommingled by the and correct as de	PRC OIL-BE	ODUCTION The and type of pun  O  GAS-MCF  584mcf  Drider #2110. If from all available  Regulatory T	GAS-N GAS-N GAS-N Control Cont	Brown sand. 910,300scf.  ICF  4mcf/h  WATER-BE	WATE  O  DATE	SI R-BBL 0 TEST WITNESS	GAS-OIL RATIO  OIL GRAVITY-API (CORR.)  SED BY  CCEPTED FOR			
4,332'-4,738' = 25 tal Holes = 76  E FIRST PRODUCTION 7/26/11- GRS E OF TEST 8/2/11 W TUBING PRESS SI-846psi DISPOSITION OF GAS LIST OF ATTACHMEN is is a Blanco Met Thereby certify that the	PRODUS FLO HOURS TESTED  1 CASING PRESSURE SI-739psi S (Sold, used for fuel, vent To be sold ITS Saverde & Basin Da o foregoing and attached in	CHOKE SIZE  1/2  CALCULATED 24-HOUR RATE  Akota being conformation is comple	PROD'N FOR TEST PERIOD OILBBL  Ommingled by te and correct as de	PRC OIL-BE	ODUCTION THE AND TYPE OF PURP SIL  O GASMCF  584mcf  Dorder #2110. If from all available  Regulatory T	GASN/d	Brown sand. 910,300scf.  ICF  4mcf/h  WATER-BE	WATE  O  DATE  Side	SI R-BBL 0 TEST WITNESS	GAS-OIL RATIO  OIL GRAVITY-API (CORR.)  SED BY			

API#30-039-30577	SAN JUAN 30-6 UNIT 34N		
Ojo Alamo	2276'   2403'   White, cr-gr ss.	Ojo Alamo	2276'
Kirtland	2403' 2874' Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2403'
Fruitland	2874' 3192' Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2874'
Pictured Cliffs	3192' 3330' Bn-Gry, fine grn, tight ss.	Pic.Cliffs	3192'
Lewis	3330' 3918' Shale w/siltstone stringers	Lewis	3330'
Huerfanito Bentonite	3918' 4328' White, waxy chalky bentonite	Huerfanito Bent.	3918'
Chacra	4328' 4830' Gry fn grn silty, glauconitic sd stone w/drk gry shale	Chacra	4328'
Mesa Verde	4830' 5167' Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	4830'
Menefee	5167' 5438' Med-dark gry, fine gr ss, carb sh & coal	Menefee	5167'
Point Lookout	5438' 5877' Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Point Lookout	5438'
Mancos	5877' 6739' Dark gry carb sh.	: Mancos	5877'
Gallup	6739' 7459' Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh	Gallup	6739'
Greenhorn	7459' 7498' Highly calc gry sh w/thin lmst.	Greenhorn	7459'
Graneros	7498' 7612' Dk gry shale, fossil & carb w/pyrite incl.	Graneros	7498'
Dakota	7612' 7730' Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks	Dakota	7612'
Morrison	Interbed grn, brn & red waxy sh & fine to coarse grn ss	Morrison	'

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