## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*
(See other instructions on reverse side)

## FOR APPROVED COMB NO. 1004-0137

reverse side) Expires December 31, 1991

5 LEASE DESIGNATION AND SERIAL FEB 17 2012

NM-012709

WELL CO	OMPLI	ETIO	N OR R	RECO	MPLET	TION REI	PORT AND	LOC	3*	6 IF	INDIAN, ALLOTTE	E OR TRIBE AMTINGTON F	ield Offi
1a TYPE OF V	WELL:		OIL WELL	GA WE	AS ELL X	DRY Othe	r					Bureau of Land	
b TYPE OF (	COMPLETI	ION.			_	_				7 UN	IT AGREEMENT	NAME AN 30-6 UNIT	
	NEW X	WORK	DEEP-		UG CK	DIFF RESVR Othe	r			8 FA	RM OR LEASE N		
			EN	ш <sup>ва</sup>		NCOVIL			·			30-6 UNIT 15C	
2 NAME OF					0					9 AP	WELL NO	20000 1000	
3 ADDRESS				Gas (	Company	<u> </u>				10 F	IELD AND POOL,	39-31062 - OOC <b>5</b> OR WILDCAT	
PO!	BOX 4289	9, Farmi	ington, NN	1 87499	(505)	326-9700					-	DAKOTA	
4 LOCATION				11. S									
At surface	Р(	SE/SE),	1209' FSL	. & 10' F	FEL					C	OR AREA		
At top prod	l interval re	enorted b	elow		Sec. 29.	T30N, R7W							
		•		•		SL & 721' FE					0000,		
At total dep	oth P(	SE/SE),	686' FSL	& 721' F	FEL								
					14.	PERMIT NO.	DATE ISSUI	ED		12 C	OUNTY OR	13 STATE	
											PARISH	New Mexico	
15 DATE SPUD	DED 16	DATE T	D REACHED	17	DATE COM	PL (Ready to pro	od)	18 EL	EVATIONS (DF, RI	(B, RT,	io Arriba BR, ETC)*	19 ELEV CASINGHEAD	
09/29/11			2/03/11			01/24/12 G		ļ	GL 6291'				
20 TOTAL DEP	TH, MD &TV	D	21 PLUG, B	BACK T.D ,	, MD &TVD	22 IF MULTIPLE HO	E COMPL , W MANY*		TERVALS RILLED BY	ROTAR	Y TOOLS	CABLE TOOLS	
	3' / 7695' \			349' / 76			3				yes		
24 PRODUCTIO	N INTERVA	L (S) OF T	HIS COMPLE	TION-TOF	P, BOTTOM, N.	AME (MD AND TV	/D)*				25 WAS DIREC SURVEY MA		
Basin D												YES	
26 TYPE ELECT		THER LO	GS RUN							27 WA	S WELL CORED	Ma	
GR/CC	LICBL	•				A SINC DECCE	D (Boood all atria-	0.004.6-	well)			No	
28 CASING SIZE	/GRADE	WEIGH	IT, LB /FT	DEPTH	SET (MD)	ASING RECORD (Report all strings set in well)  HOLE SIZE TOP OF CEMENT, CEMENTING RECO				RD AMOUNT PULLED		MOUNT PULLED	
9 5/8" / F			2.3#		231'	12 1/4"					1bbi		
				_				_	2781',				
7" / J- <del>!</del> 4 1/2" / L			23# 1.6#		3507' 7851'	8 3/4" Surface, 479sx(992cf-176bb 6 1/4" TOC@2240', 305sx(613cf-109							
29		<u>'</u>	LINER RE				30				TUBING RECORD		
SIZE	TOP (MD)	BOT	TTOM (MD)	SACKS	S CEMENT*	SCREEN (ME			DEPTH SET (	MD)	P.A	ACKER SET (MD)	
		<del> </del>		<del>                                     </del>			2 3/8"		7730' / L-80				
1 PERFORATI	ION RECOR	D (Interval)	, size and num	iber)		32			T, FRACTURE,	CEME	NT SQUEEZE,	ETC.	
Dakota w/ .34						764	0'- 7816'	٦.				104,330gals of	
!SPF @ 7724  SPF @ 7640									waterw/ 41,88 flush.	0# 20/	40 Brady Sar	nd. Pumped 117bbls RCVD FEB 22'1	9
1011 @ 1040	- 7004	141101						liidid	ilusii.			"NIL CONS. TOIL	.a
K Total Hole	es = 50											DIST. 3	
33		PROD	DUCTION	*******	TUOR /**			1					
ATE FIRST PRO 01/24	DUCTION I/12 GRC		1	WING	THOD (Flowing	g, gas litt, pumpin	g-size and type of pur	np)			WELL STATUS (	Producing or shul-in)	
ATE OF TEST	, 12 GIVO	HOURS T		CHOKE S			LBBL	GAS	MCF	WATE	R-BBL	GAS-OIL RATIO	
04/24/	12	l ,	1he	1/2		T PERIOD	0 / book		7 mcf / h	4	oo / bumb		
01/31/ LOW TUBING P			1hr. PRESSURE	CALCULA		L-BBL	0 / boph GASMCF	<u> </u>	WATERBB		ce / bwph	OIL GRAVITY-API (CORR )	
0:			404 :	24-HOUR				., .	_				
SI-492 <sub>1</sub> 34 DISPOSITIO			481psi for fuel, vente	d, etc )		0 / bopd	170 mc	/ d	6	/ bwp	od TEST WITNESSI	L ED BY	
	,		e sold	1	Λ							<i>'</i>	
35 LIST OF ATT		3		İ	11.			<b></b> -	480		•		
							well under order mined from all available						
	117	1. \	nati	1				500103	-				
SIGNED	<u> </u>	W.Y	Y1 11.		TITLE	St	aff Regulatory T	echnic	cain	DATE		02/14/12	
	HUV	o Vi	11 4	o Inst	runtions	and Spaces	for Additions	l Data	on Reverse	Side			.pn
Title 18 U S C	Section	1001. m	akes it alc	rime for	any persor	n knowingly a	nd willfully to mai	re to ar	ny department	of age	ncy of the FI	PTED FOR RECU	A FED
Jnited States	any false	, fictitiou	s or fraudu	lent sta	tements or	representatio	ns as to any ma	tter wit	hin its jurisdicti	on.	· MOOD	PTED FOR RECO	
			\ /									FEB 2 1 2012	
												1	

NMOCD &

FARMINGTON FIELD OFFICE BY

of

API # 30-039-31062		San Juan 30-6 Unit 15C		
Ojo Alamo	2194' 2	393' White, cr-gr ss.	Ojo Alamo	2194'
Kirtland	2393' 2	865' Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2393'
Fruitland	2865' 3	300' Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2865'
Pictured Cliffs	3300' 3	530' Bn-Gry, fine grn, tight ss.	Pic.Cliffs	3300'
Lewis	3530' 4	020' Shale w/siltstone stringers	Lewis	3530'
Huerfanito Bentonite	4020' 4	326' White, waxy chalky bentonite	Huerfanito Bent.	4020'
Chacra	4326' 4	868' Gry fn grn silty, glauconitic sd stone w/drk gry shale	Chacra	4326'
Mesa Verde	4868' 5	184' Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	4868'
Menefee	5184' 5	548' Med-dark gry, fine gr ss, carb sh & coal	Menefee	5184'
Point Lookout	5548' 5	940' Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Point Lookout	5548'
Mancos	5940' 6	786' Dark gry carb sh.	Mancos	5940'
Gallup	6786' 7	515' Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh	Gallup	6786'
Greenhorn	7515' 7	569' Highly calc gry sh w/thin Imst.	Greenhorn	7515'
Graneros	7569' 7	638' Dk gry shale, fossil & carb w/pyrite incl.	Graneros	7569'
Dakota	7638' 7	853' Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks	Dakota	7638'

## **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,	1
LEASE	DESIGNA'	TION AND SER	Ĭ

							-012709		
VELL COMPL	ETION OR	RECOMPLE	TION REPO	ORT AND	LOG*	6 IF INDIAN, ALLOTTE	E OR TRIBE NAME		
a TYPE OF WELL	OIL WELI	L GAS WELL X	DRY Other						
b TYPE OF COMPLE	ΓΙΟΝ					7 UNIT AGREEMENT I	NAME AN 30-6 UNIT		
NEW WELL	WORK DEER	PLUG BACK	DIFF RESVR Other			8 FARM OR LEASE NA			
							30-6 UNIT 15C		
NAME OF OPERAT		l & Gas Compan	nz/			9 API WELL NO	39-31062 <del>- 700</del> CQ		
ADDRESS AND TE		a cas compan	9	-		10 FIELD AND POOL,			
	39, Farmington, N		326-9700			BASIN MANCOS			
LOCATION OF WEI	.∟ (нероп юсаноп сі (SE/SE), 1209' F\$	•	11 SEC, T, R, M, OR BLOCK AND SURVEY OR AREA						
At Surface F	(32/32), 1209 F3	SL & IU FEL							
At top prod interval	eported below	P (SE/SE), 686'	Sec. 29,	T30N, R7W					
At total depth P	(SE/SE), 686' FSI	L & 721' FEL			,				
	(,,								
		14	PERMIT NO.	DATE ISSUE	-D	12 COUNTY OR PARISH	13 STATE		
		143 5475 681	10.			Rio Arriba	New Mexico		
5 DATE SPUDDED 16 09/29/11	DATE T D REACHE 12/03/11	D 17 DATE COM	MPL (Ready to prod ) 01/23/12 GR(	•	18 ELEVATIONS (DF, RE	(B, RT, BR, ETC)* <b>KB 6306'</b>	19 ELEV CASINGHEAD		
0 TOTAL DEPTH, MD &T		, BACK T D , MD &TVD	22 IF MULTIPLE CO	OMPL,	23 INTERVALS	ROTARY TOOLS	CABLE TOOLS		
MD 7853' / 7695'	VD MID	7849' / 7691' VD	HOW M		DRILLED BY	yes	I		
4 PRODUCTION INTERV				•	·	25 WAS DIRECT			
Basin Mancos	6808' - 7066'					SURVEY MA	ADE YES		
6 TYPE ELECTRIC AND						27 WAS WELL CORED			
GR/CCL/CBL							No		
CASING SIZE/GRADE	WEIGHT, LB /FT	DEPTH SET (MD)	CASING RECORD (		s set in well) MENT, CEMENTING RECO	PD A	MOUNT PULLED		
9 5/8" / H-40	32.3#	231'	12 1/4"		e, 88sx(139cf-25bbls		1bbl		
7" / J-55 4 1/2" / L-80	23#	3507' 7851'	8 3/4" 6 1/4"	Surface,		58bbls			
9		RECORD	1 0 1/4	30	0', 305sx(613cf-109b	TUBING RECORE	0		
SIZE TOP (MC	) BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)			MD) PA	ACKER SET (MD)		
	-			2 3/8"	7730' 4.7# / L-80	· · · · · · · · · · · · · · · · · · ·			
PERFORATION RECO		mber)	32		ID, SHOT, FRACTURE,				
ower Mancos w/ .34 SPF @ 6962'- 7066'			6962'-	7066			' 25,325gals Slickwater bbls fluid. Acidize w/		
pper Mancos w/ .34					1 '	KCL water. Frac'd w/ 28,520gals of			
SPF @ 6808' - 6938'	= 52 Holes					# of 40/70 Brady sa	and. Pumped 75bbls of		
ancos Total Holes :	= 98				fluid.				
			6808' -	6938'		15% HCL. Frac'd w/	' 10,000gals Visco kwater w/ 7000# 40/70		
					Brady. Pumped 75		kwater w/ 1000# 40/10		
33 ATE FIRST PRODUCTION	PRODUCTION PRODU	UCTION METHOD (Flow)	ng, gas lift, pumping—si	ze and type of pum	(P)	WELL STATUS (	Producing or shut-in)		
01/23/12 GRO		OWING				SI	Ta		
ATE OF TEST	HOURS TESTED		OD'N FOR OIL-B ST PERIOD	BL	GAS-MCF	WATER-BBL	GAS-OIL RATIO		
01/31/12	1hr.	1/2" -		) / boph	9 mcf / h	trace / bwph			
OW TUBING PRESS	CASING PRESSURE	CALCULATED 0 24-HOUR RATE	OIL-BBL	GASMCF	WATER-BB	L	OIL GRAVITY-API (CORR )		
SI-492psi	SI-481psi	<b></b>	0 / bopd	217 mc1	f/d 5	/ bwpd			
34 DISPOSITION OF GAS	(Sold, used for fuel, ven	ited, eta)				TEST WITNESSE	ED BY		
5 LIST OF ATTACHMEN	's	$H \cap$							
nis is a Blando Mes	averde //Basih Da	akota// Basin Man	cos trimingle wel	ll under order	DHC4476.				
6 I hereby certify that the	pregoing and altached i	nformation is complete ar	na correct as determined	a rrom all available	records				
GNED    \	11/1/1/1/1/1/1	$\mathcal{O}/\langle \cdot \rangle$	Staff	Regulatory T	echnicain	DATE	02/14/12		
	9 11 11	<del></del>							
tle 18 U S C. Section	1 / 1 .		•		I Data on Reverse se to any department	•	ACCEPTED FOR RECO		
					ter within its jurisdicti				
	\						FEB 2 1 2012		
				PV			FARMINGTON FIELD OFFI		

API # 30-039-31062			San Juan 30-6 Unit 15C			
Ojo Alamo	2194'	2393'	White, cr-gr ss.	3	Ojo Alamo	2194'
Kirtland	2393'	2865'	Gry sh interbedded w/tight, gry, fine-gr ss.	1	Kirtland	2393'
Fruitland	2865'	3300'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Ÿ	Fruitland	2865'
Pictured Cliffs	3300'	3530'	Bn-Gry, fine grn, tight ss.		Pic.Cliffs	3300'
Lewis	3530'	4020'	Shale w/siltstone stringers		Lewis	3530'
Huerfanito Bentonite	4020'	4326'	White, waxy chalky bentonite	31	Huerfanito Bent.	4020'
Chacra	4326'	4868'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Ĉ,	Chacra	4326'
Mesa Verde	4868'	5184'	Light gry, med-fine gr ss, carb sh & coal		Mesa Verde	4868'
Menefee	5184'	5548'	Med-dark gry, fine gr ss, carb sh & coal		Menefee	5184'
Point Lookout	5548'	5940'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	1.3	Point Lookout	5548'
Mancos	5940'	6786'	Dark gry carb sh.		Mancos	5940'
Gallup	6786'	7515'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh		Gallup	6786'
Greenhorn	7515'	7569'	Highly calc gry sh w/thin Imst.		Greenhorn	7515'
Graneros	7569'	7638'	Dk gry shale, fossil & carb w/pyrite incl.	×.	Graneros	7569'
Dakota	7638'	7853'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks	-	Dakota	7638'

Form 3160-4 (October 1990)

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

BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

FOR APPROVED OMB NO 1004-0137

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

NM-012709

WELL CO	MPLE	TION OR R	ECOMPL	ETION REPO	ORT AND	LOG*	6 IF IN	DIAN, ALLOTTE	E OR TRIBE NAME	^	
1a TYPE OF W	/ELĹ	OIL WELL	GAS WELL X	DRY Other		<del></del> -	W	WW 1	7842	<u>04</u> 7	
b TYPE OF CO	OMPLETIO	N					7. UNIT	AGREEMENT I	NAME N 30-6 UNIT		
N V	WELL X	WORK DEEP-	PLUG BACK	DIFF RESVR Other		<del></del>	8 FAR	M OR LEASE NA	ME, WELL NO		
2 NAME OF O	PERATOR			** *				SAN JUAN WELL NO	30-6 UNIT 15	5C	
Burli	ington R	esources Oil &	& Gas Compa	any				30-03	39-31062 <b>-</b> O	2000	
3 ADDRESS A		PHONE NO Farmington, NM	87499 (50	5) 326-9700			10 FIELD AND POOL, OR WILDCAT  BLANCO MESAVERDE				
				ance with any State re	quirements)*			C, T., R., M, OR	BLOCK AND SURV		
At surface	P (S	E/SE), 1209' FSL	. & 10' FEL				OF	RAREA			
At top prod	interval rep	orted below	P (SE/SE), 686	5' FSL & 721' FEL				Sec. 29,	T30N, R7W		
At total depti	h P(S	E/SE), 686' FSL 8	& 721' FEL								
,		,	_	14 PERMIT NO	DATE ISSUE	in .	12.00	UNTY OR	13 STATE		
			ŀ	14 PERMITING	DATE 1930L		P.	ARISH			
15 DATE SPUDD	DED 16 1	DATE T D REACHED	17 DATE C	OMPL (Ready to prod )		18 ELEVATIONS (DF, R	Ric KB, RT, BF	o Arriba R, ETC )*	New Me 19 ELEV CASIN		
09/29/11 20 TOTAL DEPTH		12/03/11	ACK T D., MD &TV	01/20/12 GR		GL 6291	KB 63		CABLE TOOLS		
				HOW N		DRILLED BY	, KOIAKI	TOOLS	CABLE TOOLS		
MD 7853'			349' / 7691' VD TION-TOP, BOTTO	M, NAME (MD AND TVD)		<u> </u>	<u> </u>	yes 25 WAS DIREC	TIONAL		
		le 4346' - 5824'						SURVEY MA			
26 TYPE ELECT	RIC AND OTH						27 WAS	WELL CORED		<del></del>	
GR/CCL	ICRF			CASING RECORD	(Report all stace	s set in well\	<u> </u>		No		
CASING SIZE/G		WEIGHT, LB./FT	DEPTH SET (M	D) HOLE SIZE	TOP OF CE	MENT, CEMENTING REC		Al	MOUNT PULLED		
9 5/8" / H	-40	32.3#	231'	12 1/4"	Surface	e, 88sx(139cf-25bbl	s)		1bbl		
7" / J-5	5	23#	3507'	8 3/4"	Surface,	ST@2781', 479sx(992cf-176bb	ls)		58bbls		
4 1/2" / L-	-80	11.6# LINER RE	7851'	6 1/4"	TOC@224	D', 305sx(613cf-109l		BING RECORD	1		
	TOP (MD)	BOTTOM (MD)	SACKS CEMEN	T* SCREEN (MD)	SIZE	DEPTH SÉT			CKER SET (MD)		
					2 3/8"	7730' 4.7# / L-80					
31 PERFORATIO		(Interval, size and num	ber)	32 5558'-		D, SHOT, FRACTURE				700/	
1SPF @ 5558'-				3330	3024	Quality N2 SlickFo					
Menefee w/ .34		19 Holes				48,000# 20/40 Brad N2:1,507,900SCF.	dy sand	. Pumped 86	ibbis flush.		
Cliffhouse w/	.34" diam			5210'-	5524'	Acidize w/ 10bbls	15% HC	L. Frac'd w	111.440gals 7	70%	
1SPF @ 4872' Lewis w/ .34"		25 Holes				Quality SlickFoam	w/ 25,0	00# <b>40</b> /70 B	rady Sand w/ 2	24,900#	
1SPF @ 4346'		23 Holes				20/40 Brady sand.	Pumpe	a suppis fiu	ia. N2:1,211,40	JUSCF.	
MV Total Hole	s = 91			4872'-	5176'	4	s of HCL. Frac'd w/ 112,980gals 70% Quality				
						SlickFoam w/ 11,8 Brady sand. Pum		•	•		
				4346	4768'	Frac'd w/ 109,0409 62,250# 20/40 Bra	-			w/	
						N2:1,501,000SCF.					
33		PRODUCTION									
DATE FIRST PROD 01/20/	OUCTION 112 GRC	l l	CTION METHOD (FI DWING	owing, gas lift, pumpings	size and type of pur	P)		SI	Producing or shut-in	1)	
DATE OF TEST	F	IOURS TESTED	CHOKE SIZE	PROD'N FOR OIL-I	BBL	GAS-MCF	WATE	R-BBL	GAS-OIL RATIO		
01/31/1		1hr.	1/2"	-	0 / boph	44 mcf / h		/ bwph			
FLOW TUBING PR	RESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL	GAS-MCF	WATER-B	BL		OIL GRAVITY-AP	PI (CORR)	
SI-492p		SI-481psi	H etc.	0 / bopd	1,055 m	cf/ d 2	4 / bw	od TEST WITNESS	EDBY		
		To be sold	, 3.0 /					ILST VALUESS			
35 LIST OF ATTA		erde / Basih fisk	ota / Basin Ma	ncos trimingle we	ll under order	DHC4476					
				and correct as determined							
OIGNED	- 17 /	MANG	M/MM	F \$406	f Dogulatory	Toohnissin	DATE		02/17/12	ACCEPTED FOR RECOR	
SIGNED	$+$ $\parallel$ $\vee$ $\parallel$	JUV/114/	1/ 1/2		f Regulatory		_ DATE .		V2111112 /		
Title 18 U.S.C	Section 1	1 0	. 1	•		I Data on Revers to any department				EED 2 1 2040	
						er within its jurisdicti				FEB 2 1 2012	
		\							F	FARMINGTON FIELD OFFIC	
		١	,								

API # 30-039-31062		San Juan 30-6 Unit 15C		
Ojo Alamo	2194'	2393' White, cr-gr ss.	Ojo Alamo	2194'
Kirtland	2393'	2865' Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2393'
Fruitland	2865'	3300' Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2865'
Pictured Cliffs	3300'	3530' Bn-Gry, fine grn, tight ss.	Pic.Cliffs	3300'
Lewis	3530'	4020' Shale w/siltstone stringers	Lewis	3530'
Huerfanito Bentonite	4020'		Huerfanito Bent.	4020'
Chacra	4326'	4868' Gry fn grn silty, glauconitic sd stone w/drk gry shale	Chacra	4326'
Mesa Verde	4868'	5184' Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	4868'
Menefee	5184'	5548' Med-dark gry, fine gr ss, carb sh & coal	Menefee	5184'
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Gallup	6786'	7515' Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh	Gallup	6786'
Greenhorn	7515'	7569' Highly calc gry sh w/thin lmst.	Greenhorn	7515'
Graneros	7569'	7638' Dk gry shale, fossil & carb w/pyrite incl.	Graneros	7569'
Dakota	7638'	7853' Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks	Dakota	7638'

