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)

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

NM-03521

WELL COMPL	ETION OR F	RECOMPL	ETION RE	PORT AND	LOG*		6 IF INDIAN, AL	LOTTEE OR TRIBE NAME		
1a TYPE OF WELL	OIL WELL	GAS WELL X	DRY Oth	er — —	60 Lawren Li &	A Design	NUNM	-78413A		
b TYPE OF COMPLET	ION		_	RE			7 UNIT AGREE	MENT NAME JUAN 28-7 UNIT		
NEW X	WORK DEEP-	PLUG	DIFF Oth					ASE NAME, WELL NO		
WELL /	OVER EN	BACK	RESVROth	A A A	<u>n 1</u> 0	2012	SAN .II	JAN 28-7 UNIT 111N		
2 NAME OF OPERATO	OR			W.F	# 1	<del>2012</del>	9. API WELL NO	).		
	lips Company			= = = = :	aalon Fi	eld Offic		30-039-30808 <b>- DOLA</b>		
3 ADDRESS AND TEL	EPHONE NO 89, Farmington, NI	W 07400 /E(	)5) 326-9700	Bureau	if Land N	Manager	10 FIELD AND F	POOL, OR WILDCAT		
4. LOCATION OF WEL				te requirements)*	or Euro			M , OR BLOCK AND SURVEY		
	(NW/NW), 1130' F	=	· ·	,			OR AREA			
						İ				
At top prod interval	reported below	F (SE/NW), 17	'14' FNL & 1739	) FWL			Sec	c. 20, T27N, R7W		
At total depth F	(SE/NW), 1714' FN	IL & 1739' FWL	_							
		-	AA SEBAUTA	DATE			10. 00111171.05	Landia		
		ŀ	14 PERMIT NO	DATE ISSUE	:U		12 COUNTY OF PARISH	R 13 STATE		
							Rio Arrib			
15 DATE SPUDDED 16 10/31/11	DATE T D REACHED 12/15/11	17 DATE C	OMPL (Ready to pr 02/17/12 (		I .	TIONS (DF, RK GL 6540'	B, RT, BR, ETC )*	19 ELEV CASINGHEAD		
20 TOTAL DEPTH, MD &TV		BACK T.D., MD.&TVD			23 INTERV		ROTARY TOOLS	CABLE TOOLS		
				OW MANY*	DRILLE	ED BY		1		
MD 7695' - 7524' 24 PRODUCTION INTERV		661' - 7490' VD		3	<u> </u>		yes 25 WAS	DIRECTIONAL		
			n, 10 mil (mb / mb )	<b></b>				VEY MADE		
26 TYPE ELECTRIC AND C	rde 5008' - 5786	<u>''</u>				<del> </del>	27 WAS WELL CO	YES		
GR/CCL/CBL	DIFIER LOGS RON						27 WAS WELL CO	No		
28			CASING RECO	RD (Report all strings	s set in well	1)	***			
CASING SIZE/GRADE	WEIGHT, LB /FT	DEPTH SET (M		TOP OF CEI	МЕПТ, СЕМЕ	NTING RECO		AMOUNT PULLED		
9 5/8" / H-40	32.3#	321'	12 1/4"		Surface, 102sx(163cf-29bbls Surface, 683sx(1384cf-246bbl			7bbls		
7" / J-55 4 1/2" / L-80	23# 11.6#	4933' 7680'	8 3/4" 6 1/4"			84cf-246bb (493cf-88bl				
29	LINER R	<u></u>	0 1/4	30	7, 2443	1000-1000+	TUBING RE	CORD		
SIZE TOP (MD	BOTTOM (MD)	SACKS CEMEN	T* SCREEN (N			DEPTH SET (	MD)	PACKER SET (MD)		
				2 3/8"	4.7# / L-	7555'				
31 PERFORATION RECOR	RD (Interval, size and nur	mber)	32	AC			CEMENT SQUE	EZE, ETC.		
Point Lookout w/ .34			53	58'- 5786'	Pumped	6bbls of 2	% KCL water.	. Acidize w/ 10bbls. Frac'd		
1SPF @ 5358' - 5786'							•	kwater Foam w/ 100,057#		
Menefee w/ .34" dian  1SPF @ 5008' - 5334			- 50	08'- 5334'			d. N2:1,530,3	00SCF. r. Acidize w/ 10bbls, Frac'd		
1001 @ 3000 - 3334	- 20 Holes		50	06 - 5554	4 .			kwater Foam w/ 50,363# of		
MV Total Holes = 51							N2:1,246,400	•		
33 DATE FIRST PRODUCTION	PRODUCTION	CTION METHOD /E/	outing gas lift numbi	ng-size and type of pur	20\		TWELLST	ATUS (Producing or shut-in)		
02/17/12 GRO	l l	OWING	owng, gas iii, pumpi	ng-size and type of pan	,ρ )		SI	ATTOO (Froducing Or orderin)		
DATE OF TEST	HOURS TESTED			ILBBL	GASMCF	:	WATER-BBL	GAS-OIL RATIO		
02/28/12	1hr.	1/2"	TEST PERIOD	trace / bwph	21 n	ncf/h	trace / bw	mh		
FLOW TUBING PRESS	CASING PRESSURE	CALCULATED	OILBBL	GASMCF		WATER-BBI		OIL GRAVITY-API (CORR.)		
	SI-627psi	24-HOUR RATE		.	[					
SI-79psi 34 DISPOSITION OF GAS	trace / bop	d 500 mcf	/ d	4	4 / bwpd TEST WITNESSED BY					
04 2.0. 20	To be sold	n					1201 7	THEOGED DI		
35 LIST OF ATTACHMENT	s	1				· · · · · · · · · · · · · · · · · · ·				
This is a Blanco Mes					racorde					
oo inelegy perupunal me i	oragoing and attached in	ormation is diriplete	and correct as deter	IIIIIleu IIOIII ali avallable	records					
[]] A h . 1		1///				_	<b>*</b>			
SIGNED	X MAT VIAL	V [1] 1111	.E	Staff Regulator	v Tech.	A	DATE HOUSE HOUSE	<b>】 [-( ) () 3/07/172</b> % () [ ]		
SIGNED	My	TITL		Staff Regulator				) FO(03/07/12/PID		
SIGNED Title 18 U.S.C. Section	*(S	ee Instruction	ns and Space	s for Additiona	l Data or	n Reverse	Side)	• • • • • • • • • • • • • • • • • • • •		

NMOCD W

FARMINGTON FIELD OFFICE

API # 30-039-30808			San Juan 28-7 Unit 111N		
Ojo Alamo	2068'	2238'	White, cr-gr ss.	Ojo Alamo	2068'
Kirtland	2238'	2688'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2238'
Fruitland	2688'	3014'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2688'
Pictured Cliffs	3014'	3165'	Bn-Gry, fine grn, tight ss.	Pic.Cliffs	3014'
Lewis	3165'	n/a	Shale w/siltstone stringers	Lewis	3165'
Huerfanito Bentonite	n/a	3988'	White, waxy chalky bentonite	Huerfanito Bent.	n/a
Chacra	3988'	4767'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Chacra	3988'
Mesa Verde	4767'	4796'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	4767'
Menefee	4796'	5344'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4796'
Point Lookout	5344'	5792'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Point Lookout	5344'
Mancos	5792'	6516'	Dark gry carb sh.	Mancos	5792'
Gallup	6516'	7300'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh	Gallup	6516'
Greenhorn	7300'	7362'	Highly calc gry sh w/thin lmst.	Greenhorn	7300'
Graneros	7362'	7413'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	7362'
Dakota	7413'	7695'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks	Dakota	7413'



## 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

NM-03521

WELL CON	/IPLE	TION OR R	ECOMPL	ETIC	ON R	EPC	ORT AND	LOC	3*	6 IF II	NDIAN, ALLOTTE	OR TRIBE NAME		
1a TYPE OF WELL:  OIL GAS WELL DRY Other										NMNM-78413C				
b TYPE OF CON	MPLETIC	ON∙								7. UN	TAGREEMENT N	IAME N 28-7 UNIT		
NEV	v Y	WORK DEEP-	PLUG BACK	DIF	F SVR	Other			j	8. FA	RM OR LEASE NA			
WEL		OVER EN [	BACK	KE:	.SVR				İ	;	SAN JUAN	28-7 UNIT 111N		
2 NAME OF OP										9 API	WELL NO	Dat -		
3 ADDRESS AN		ps Company								10 FI	30-03 ELD AND POOL, 0	39-30808 - DOC 1		
РО ВО	X 4289	, Farmington, NN			26-970					,		DAKOTA		
4 LOCATION OF		(Report location clea			with any	State re	equirements)*				C,T,R.,M,OR RAREA	BLOCK AND SURVEY		
At surface	D (	NW/NW), 1130' F	NL & 925' FWI	L							K AKEA			
At top prod. in	terval re	ported below	F (SE/NW), 17	714' FN	NL & 17	39' FV	<b>V</b> L			a	Sec. 20,	T27N, R7W		
At total depth	F (S	SE/NW), 1714' FN	L & 1739' FWL	-						1				
				14. PE	RMIT NO	Ď.	DATE ISSUE	D		12 C	DUNTY OR	13. STATE		
											ARISH	New Mexico		
15 DATE SPUDDED	16	DATE T D REACHED	17 DATE C	OMPL.	(Ready to	prod )		18. ELE	VATIONS (DF, RK	(B, RT, B	io Arriba R, ETC)*	19 ELEV CASINGHEAD		
10/31/11		12/15/11			2/22/12			ļ	GL 6540'			·		
20 TOTAL DEPTH, I	MD &TVD	21 PLUG, B	ACK T D , MD &TVD	22	IF MULTI	PLE CO			ERVALS ILLED BY	ROTAR'	7 TOOLS	CABLE TOOLS		
MD 7695' -			61' - 7490' VD			3				L	yes	<u> </u>		
24 PRODUCTION IN	VTERVAL	(S) OF THIS COMPLET	ION-TOP, BOTTOM	I, NAME	(MD AND	TVD)*					25 WAS DIRECT SURVEY MA			
Basin Dak												YES		
26 TYPE ELECTRIC		HER LOGS RUN								27 WAS	WELL CORED	M.		
GR/CCL/	SBL	<del> </del>			= = =							No		
28 CASING SIZE/GRA	ADE	WEIGHT, LB /FT	DEPTH SET (M		HOLE S		Report all strings		well) EMENTING RECO	RD	Al	MOUNT PULLED		
9 5/8" / H-4		32.3#	321'	-	12 1/4" Surface, 102sx(163cf-29bb									
7" / J-55		23#	4933'		8 3/4" Surface, 683sx(1384cf-246b									
4 1/2" / L-8	0	11.6#	7680'		6 1/4		30	4', 244sx(493cf-88)			BING RECORD	<del></del>		
	OP (MD)	BOTTOM (MD)	SACKS CEMEN	IT*	SCREEN (MD)		SIZE	DEPTH SET				ACKER SET (MD)		
							2 3/8"	4 7#	7555' L-80					
31 PERFORATION	RECORD	(Interval, size and numb	per)	32	2		ACI		T, FRACTURE,	CEME	NT SQUEEZE.	ETC		
Dakota w/ .34" c						418'-		Pump	ed 7bbls of 2	2% KC	L water. Acid	lize w/ 10bbls. Frac'd		
2SPF @ 7530' - '				1							•	er Foam w/ 39,394# of		
1SPF @ 7418' - '	7508° =	20 Holes		1				20/40	Brady Sand.	N2:2,	315,000SCF.			
DK Total Holes	= 46			1				ļ						
33		PRODUCTION		-										
DATE FIRST PRODUC		1	TION METHOD (FI	owing, g	as lift, pum	ping-siz	e and type of pump	)			,	Producing or shut-in)		
<b>02/22/12</b> DATE OF TEST		HOURS TESTED	WING CHOKE SIZE	PROD'N	1 FOR	OILB	BL	GAS-	MCF	WATE	SI RBBL	GAS-OIL RATIO		
				TEST P	ERIOD			_						
02/28/12 FLOW TUBING PRES		1hr. CASING PRESSURE	1/2"	OILE	BBI		) / bwph GAS-MCF	2	4 mcf / h WATERBB		ce / bwph	OIL GRAVITY-API (CORR )		
			24-HOUR RATE				1					,		
SI-79psi SI-627psi  34 DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)					) / bop	d	569 mcf	d	5	5 / bwpd				
34 DISPOSITION OF	r GAS (S	To be sold	), etc.)								TEST WITNESSE	:O BY		
35 LIST OF ATTACH	HMENTS		$H_{\Lambda}$								<u> </u>			
		verde, Basin Dak												
36. I hereby pertify th	at the for	egoing and attached info	rmation is complete	and cor	rect as det	ermined	trom all available r	ecords						
SIGNED	11/1	MIMIN	١ 🗸 🗸 📊	F		St	aff Regulator	v Tech	ı. A	DATE	PTED FOR	03/07/12		
1	. \ <del>'</del>	-WV-W-	<del></del>											
Title 19 U.S.C. C	entine :	<b>(Se) \ *(Se)</b> 1001, makes it a c	e Instruction									2012		
		fictitious or fraudi										IFI D OFFICE		

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API # 30-039-30808		ļ	San Juan 28-7 Unit 111N			
Ojo Alamo	2068'	2238'	White, cr-gr ss.		Ojo Alamo	2068'
Kirtland	2238'	2688'	Gry sh interbedded w/tight, gry, fine-gr ss.	·	Kirtland	2238'
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Pictured Cliffs	3014'	3165'	Bn-Gry, fine grn, tight ss.		Pic.Cliffs	3014'
Lewis	3165'	n/a	Shale w/siltstone stringers		Lewis	3165'
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## **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

## NM-03521

VELL COMI	PLETIC	N OR R	RECOMPLE	TION REPO	ORT AND	LOG	*	6 IF IN	DIAN, ALLOTTE	E OR TRIBE NAME		
a TYPE OF WELL		OIL WELL	GAS WELL X	DRY Other					NM-7			
TYPE OF COMP	LETION	•						7. UNIT	SAN JUA	NAME NN 28-7 UNIT		
NEW	WORK		PLUG	DIFF Other				8. FAR	M OR LEASE N			
WELL	OVER	EN	BACK	RESVROther				S	NAUL NA	28-7 UNIT 111N		
NAME OF OPER	RATOR	_							WELL NO			
	Phillips Co									39-30808 <b>-00</b> 63		
. ADDRESS AND			# 07400 /EO	5) 326-9700				10. FIE	LD AND POOL,	OR WILDCAT  O CHACRA		
		nington, NN rt location cle		ance with any State	requirements)*			11 SE		BLOCK AND SURVEY		
At surface			NL & 925' FWL	•	,				RAREA			
		,,										
At top prod. inter	val reported	pelow	F (SE/NW), 171	4' FNL & 1739' F	WL				Sec. 20	, T27N, R7W		
At total donth	E (SE/NIV	// 171/ EN	L & 1739' FWL									
At total depth	F (SEMAN	<i>v)</i> , 17 14 FIN	L 0. 1/35 FWL									
			14	PERMIT NO	DATE ISSUE	D		12 CO	UNTY OR	13 STATE		
									ARISH	Now Movies		
DATE SPUDDED	16 DATE	TD REACHED	17 DATE CO	MPL (Ready to prod.)		18. ELE\	VATIONS (DF. R		o Arriba R. ETC )*	New Mexico  19 ELEV CASINGHEAD		
10/31/11	1	2/15/11		02/17/12 GR	С	,	GL 6540'			1		
TOTAL DEPTH, ME	&TVD	21. PLUG, B	ACK T.D., MD &TVD	22 IF MULTIPLE CO	OMPL,	23 INTE	RVALS	ROTARY		CABLE TOOLS		
MD 76051 74	:24! VD	MD 76	264' - 7400' VP	HOW		DRII	LLED BY	ı	V00	1		
MD 7695' - 75			661' - 7490' VD	MAME (MD AND TVD)*	3			<u> </u>	yes 25 WAS DIREC	TIONAL		
								ľ	SURVEY M	ADE		
Otero Chaci					<del></del> -			27 10/40	WELL CORED	YES		
GR/CCL/CI		JOS KUN						27. WAS	WELL CORED	No		
		_		CASING BECORD	(Papart all string	o pot in u	(all)	<u> </u>		NO		
CASING SIZE/GRAD	e I weic	SHT, LB /FT	DEPTH SET (MD		ASING RECORD (Report all strings set in well)  HOLE SIZE TOP OF CEMENT, CEMENTING REC				CORD AMOUNT PULLED			
9 5/8" / H-40		32.3#	321'	12 1/4"								
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SIZE TOP	(MD) Bo	LINER RE	SACKS CEMENT	SCREEN (MD)	30 SIZE		DEPTH SET (		BING RECOR	ACKER SET (MD)		
OIZE TOT	(IND) B	<u> </u>	CHOICE CEMENT	OUNCEIV (MID)	2 3/8"		7555'	(10.0)		AONEN GET (MD)		
						4.7# /						
PERFORATION RE		al, size and num	ber)	32	AC - 4737'		, FRACTURE,					
acra w/ .34" dia PF @ 3993' - 47		alas		3993	- 4/3/	-				idize w/ 10bbls. Frac'd m w/ 39,891# of 20/40		
11 @ 5555 - 47	57 - 2511	0.03					Sand. N2:1,		•	III W/ 55,05 I# OI 20/40		
Total Holes =	25						,	,				
						1						
3	PRO	DUCTION										
E FIRST PRODUCTI			OTION METHOD (Flow DWING	ving, gas lift, pumpings	ize and type of pum	0)		I		(Producing or shul-in)		
02/17/12 ( E OF TEST		TESTED		ROD'N FOR OILI	BBL	GASM	1CF	WATE	SI R-BBL	GAS-OIL RATIO		
•			TE	EST PERIOD								
02/28/12		1hr.	1/2"		0 / bwph	2	mcf / h		e / bwph			
W TUBING PRESS	CASING	PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL	GAS-MCF	1	WATERBB	IL		OIL GRAVITY-API (CORR.)		
SI-79psi	12	-627psi		0 / bopd	45 mcf/	d l	trac	ce / bw	bay			
DISPOSITION OF			d, etc.)						TEST WITNESS	ED BY		
		be sold										
LIST OF ATTACHN												
				acra well under I		ocorde	<del></del>					
. Hereby cortiny unat	∴ ic roregoing a	. //	a complete a	correct as actainfile	a nom all avallable l	Journa						
NED	1411 6	1/11/	A X TITLE	•	taff Regulator	v Tech		DATE	ACCF	E03/07/120A RECO		
11/	V /	4/ 1/	<i>L</i> <sub>1</sub> / \		<del>-</del>	•		•		SOUTH PLANT		
	1/			s and Spaces f				-		MAR 1 3 2012		
			• •	son knowingly and	•		• 1	•	ncy of the	MAN I J ZUIZ		
ted States any	iaise, fictitio	ous orjiraudi	ulent statements	or representation	s as to any ma	atter with	nin its jurisdic	tion.	FARA	IINGTON FIELD OFF		
	/				۸				BY <u>≤</u>	500		
	•	~			A/				<u>ے ان </u>			

API # 30-039-30808			San Juan 28-7 Unit 111N		
Ojo Alamo	2068'	2238'	White, cr-gr ss.	Ojo Alamo	2068'
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