(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-078556-A

WELL COMPL	LETION OR F	RECOMPL	LETION RE	EPOI	RT AND I	_OG*		6 IF II	NDIAN, ALLOTTE	E OR TRIBE NAME				
1a TYPE OF WELL	Oil WELL	GAS WELL X	DRY	Other										
b. TYPE OF COMPLET	TION .		_	_		-		7 UN	T AGREEMENT I	NAME				
NEW []	WORK DEEP-	PLUG	DIFF				ļ	8. FA	RM OR LEASE NA	AME. WELL NO.				
WELL Z	OVER EN	BACK	RESVR	Other -	PER	Surge SI M	D library Start			well 12				
2. NAME OF OPERAT	OR				Residence of the second	Para H H	Street Street	9 API	WELL NO.	Well 12				
	ON RESOURCES O	IL & GAS COI	MPANY, LP				ļ		30-045-344	76-00CL				
3. ADDRESS AND TEL					JUN	<b>J 3</b> 20	008	10 FI	ELD AND POOL,	OR WILDCAT				
PO BOX 42	89, Farmington, NA	1 87499 (5	05) 326-9700	)	-manda 14				FC/Blanco	BLOCK AND SURVEY				
4. LOCATION OF WEL	.L (Report location clea	ny and in accorda	ance with any State	require	ureau of Lar	id Mar	agement		:C., 1., K., M., OR R AREA	BLOCK AND SURVEY				
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements of Land Management  At surface Unit I (NESE) 1760' FSL & 770' FEL Farmington Field Office										Sec. 34, T28N, R8W, NMPM				
At top prod interval	reported below	Same as abo	ve						R	CVD JUN 4'08				
	•								Ō	IL CONS. DIV.				
At total depth S	ame as above									DIST. 3				
		1	14. PERMIT NO.		DATE ISSUE		<del> </del>	12. COUNTY OR 13. STATE						
				- 1					ARISH					
15. DATE SPUDDED 116	5. DATE T.D. REACHED	117. DATE	COMPL (Ready to p	orod.)		19 ELEV	ATIONS (DE DE		San Juan	New Mexico 19. ELEV. CASINGHEAD				
3/4/08	3/24/08		21/08	,	i	GL	6270'	KB, RT, BR, ETC.)* 19. ELEV. CASINGHEAD  KB 6281'						
20. TOTAL DEPTH, MD &/	TVD 21 PLUG, B	ACK T.D., MD &TV				23. INTE		ROTAR	Y TOOLS	CABLE TOOLS				
2827'	2774	•		HOW M	ANY	DRIL	LED BY	V06		į.				
24. PRODUCTION INTER								yes	25. WAS DIREC	TIONAL				
Blanca Biotura	ed Cliff 2644' - 2	604'							SURVEY MA					
26 TYPE ELECTRIC AND		034	<del> </del>					27. WAS	WELL CORED	No				
GR/CCL										No				
28.	<del></del>	وبالتي ما هيرة العالم	CASING REC	ORD (F	Report all strings	set in we	·// )			<del> </del>				
CASING SIZE/GRADE	WEIGHT, LB /FT.	DEPTH SET (	`	HOLE SIZE TOP OF CEMENT, CEMENTING RECO						MOUNT PULLED				
7", J-55 4 1/2", J-55	20# 10.5#	135' 2791'	8 3/4"	8 3/4"			(55 cf) (668 cf)		3 bbls					
29	LINER R		10 1/4		30.	330 34	(868 CI)		ING RECORD					
SIZE TOP (MC		SACKS CEME	NT* SCREEN	(MD)	SIZE		DEPTH SET (			CKER SET (MD)				
					2-3/8", 4.7#,J	-55	2688'		<del></del>					
31 PERFORATION RECO	PD //ptopol pizo and pu	mbos				15. 6116	FDAOTUDE C	S. (5.)						
PC .32" @ 2 SPF	NO (mervar, size and nu	nib <del>o</del> r y	32 2644' - 26	694'	AC		T, FRACTURE, C bls 15% HCL.							
2644' - 2662' = 36 1	holes		10.1	linear gel foam, w/										
.32" @ 1 SPF.				N2 = 488.6 SCF										
2676' - 2694' = 19 l Total holes = 55.	holes		L			L								
33.			·	PR	ODUCTION									
DATE FIRST PRODUCTION	PRODU	CTION METHOD (F	lowing, gas lift, pump		and type of pump			WELL STATUS (Producing or shut-in)						
SI W/O Facilities  DATE OF TEST	HOURS TESTED	CHOKE SIZE	Flowing PROD'N FOR	OILBI	RI	GAS-M	CF		SI R-BBL	GAS-OIL RATIO				
CATE OF TEST	THOUSAN TEOLED	O'IONE SIZE	TEST PERIOD		ы.	0.70-141			IV-DOL	OAD-DIETOTIO				
5/21/08	11	1/2"			0 boph	34 mc			0 bwph					
FLOW TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OILBBL		GASMCF		WATERBB	ι		OIL GRAVITY-API (CORR.)				
SI - 493#	SI - 501#		0 bopd		823 mcfd			0 bw	pd	1				
34. DISPOSITION OF GAS	S (Sold, used for fuel, vent						<del></del>		TEST WITNESSED BY					
To be sold. W	/O facilities to be	set before	first production	on.	<del></del>									
	ਪਾਨ well being DHC pe	r order #2770.	<b>A</b> 7											
36. I hereby certify that the				termined	f from all available	records								
	// ~													
SIGNED SIGNED	de Stope	<u></u>	LE Regulato	ory Tec	chnician			DATE	5/30/08					

\*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department of agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCD 6

ACCEPTED FOR RECORD

Well Name		Howell 12		
Ojo Alamo	1698'	1827' White, cr-gr ss.	Ojo Alamo	1698'
Kirtland	1827'	2328' Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	1827'
Fruitland	2328'	2630' Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss	Fruitland	2328'
Pictured Cliffs	2630'	Bn-Gry, fine grn, tight ss.	Pic.Cliffs	2630'

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Form 3160-4

(October 1990)

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

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5. LEASE DESIGNATION AND SERIAL NO.

## USA SF-078556-A

WELL C	OMPL	ETIO	N OR F	RECOMP	LET	ION R	EPO	RT AND L	.OG*		6. IF I	NDIAN, ALLOTTE	EE OR TRIBE NAME	
1a. TYPE OF	WELL:		OIL WELL	GAS WELL		DRY	Other							
			WELL	L_J WELL L		_	,				7 UN	IT AGREEMENT	NAME	
b. TYPE OF	NEW TY	ON: WORK	DEEP-	PLUG	٦	DIFF	1				0 54	RM OR LEASE N	ANT MELL NO	
	WELL	OVER	EN	BACK		RESVR	Other				6. FA			
0 NAME OF	COPPATO	<u> </u>									0.45		well 12	
2. NAME OF			HPCES O	IL & GAS C	TANDAN	IV I D		DFA	a an es	Error Heat	9 AP	I WELL NO.	76-00CZ	
3. ADDRES				IL & GAS C	JIVITAIN	11, LF		RECI			10. F	ELD AND POOL	OR WILDCAT	
DC.	BOV 420	0 Earmi	naton Alk	N 87499 (	505) 3	326-970	n				i	FC/Blanco		
4 LOCATIO	ON OF WELL	. (Report le	ocation clea	rly and in accor	dance w	ith any Sta	te require	ements	3 200	18	11. S	EC., T., R , M , OF	R BLOCK AND SURVEY	Y
At surface	e Ur	nit I (NES	SE) 1760' I	FSL & 770' F	EL				- 40	•		R AREA		
				¥			Bu	reau of Land	l Mana	gement	Sec.	34, T28N, R8	W, NMPM	<b>~</b> C1
At top pro	od interval re	eported be	low	Same as ab	ove			Farmington	Field C	Office		•	CVD JUN 4'C	
At total de	enth Sa	ıme as a	hove										)IL <u>CON</u> S. DI'	V.
, it total of	Opt.: <b>O</b> t	45 4	5010										DIST. 3	
					14 PI	ERMIT NO		DATE ISSUE	5			OUNTY OR	13. STATE	
					]			Ì			1	PARISH	Now Marico	
15. DATE SPL	JDDED 16	DATE T.I	D. REACHED	17 DAT	COMPL	(Ready to	prod.)	·	18. FLEV	ATIONS (DF, RKE	RT. BF	San Juan	New Mexico	EAD
3/4/08		3/24/0			/21/08		•		GL	6270'	KB	6281'	1.3. 222.1.0.1011	
20. TOTAL DE	PTH, MD &/T			SACK T.D., MD &		22. IF MUL			23. INTE	RVALS		Y TOOLS	CABLE TOOLS	
00071		Í	0774	•		ł	HOW M	ANY*	DRIL	LED BY	ı		1	
2827'	TION INTERV	AL (S) OF 1	2774	ETION-TOP, BO	TOM N	AME (MD AN	2				yes	25. WAS DIREC	TIONAL	
24 PRODUC	TON INTERV	AL (3) Oi 1	TIIO COMIFE	ETION-TOP, BO	TOW, NO	AINIC (NID AIN	io (VD)					SURVEY M.		
	Fruitland			628'								<u></u>	No	
26. TYPE ELE		OTHER LO	GS RUN								27. WA	S WELL CORED		
GR/C	CL										<u> </u>		No	
28.								Report all strings						
7", J-55		20#	T, LB /FT	135'	(MD)	HOLE 8 3/4"	SIZE	TOP OF CE		MENTING RECOR	RD	3 bbls	MOUNT PULLED	
4 1/2", .		10.5#		2791'		6 1/4" TOC Surface, 338 sx (668 cf)						2 bbls		
29.			LINER R			30.					TÜI	BING RECORD		
SIZE	TOP (MD)	BOT	TOM (MD)	SACKS CEN	ENT"	SCREEN (MD) SIZE			DEPTH SET (	MD)	PACKER SET (MD)			
		4						2-3/8", 4.7#,J	-55	2688'				
31 PERFORA	TION BECO	2D (Interval	area and are	mbod)		<u> </u>		1	- CUO	FOAOTUDE O	NEATAGE 1	TOOMETER E		
.32" @ 2 S		ND (IIII.ei Vai	, size and nu	muer)		32. <b>2580' - 2</b>	628'	AC		FRACTURE, C				
LFC 2628'		2610' - 2	.598' = 52	2 holes							nic acid. Frac 36,456 gals75Q 25# 80,522# 20/40 Arizona Sand			
.32" @ 1 S	PF					N2 = 1,568.00 SCF					<u> </u>			
2594' - 259		- 2580'	= 12											
.32" @ 2 S		22 hali				2488' - 2546' A/12 bbls 10% form							200	
UFC 2546'		32 11010	25			2488' - 2546' A/12 bbls 10% form 25# linear gel foam								
2510' - 248		oles				N2 = 1,405,000 SCF					W/O 1,	700# ZUITU A	ilzona Sanu.	
Total hole													· · · · · · · · · · · · · · · · · · ·	
33. DATE FIRST PE	PODLICTION		PRODU	CHONIMIZIEON	/Llowing	gae lift four		RODUCTION and type of pump				TALL STATIS	(Producing or shut-in)	
Si W/O Fac		İ			, rowing,	Flowin		spo oi poinp	•			SI	(	٠.
DATE OF TEST		HOURS T	ESTED	CHOKE SIZE	PROD	'N FOR	OILB	BL	GASM	CF	WATE	RBBL	GAS-OIL RATIO	
	_	ļ			TEST	PERIOD	1			_	[		l	
5/19/0		CACRIC	1	1/2"		50	<u> </u>	0 boph	38 mc		<u> </u>	0 bwph	OIL OF THE COLUMN	ODS V
FLOW, TUBING	FRESS.	CASING	PRESSURE	CALCULATED 24-HOUR RATE	_	-BBL		GASMCF		WATER-BE	SL.		OIL GRAVITY-API (C	ORR.)
SI - 49	3#	SI - 5	01#			0 bopd	1	905 mcfd			0 bw	pd		
34. DISPOSIT				ted, etc )	—	Pu		1				TEST WITNESS	ED BY	
			ties to be	e set before	first	producti	ion.					L		
35. LIST OF A	ATTACHMEN	rs												
				r order #277										
36. I hereby c	ertify that the	toregoing a	nd-attached in	ntormation is com	plete and	correct as d	etermined	d from all available	records					
		11.					<b>-</b>	-11-1-				Floorer	A	
SIGNED S	10n	45	110-	<u> </u>	ITLE	Regulat	ory Te	chnician			DATE	5/30/08	ACCEPTED	HUR RE

\*(See Instructions and Spaces for Additional Data on Reverse Side)

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JUN 0 3 2008

FARMINGTON FIELD OFFICE BY TE SANCES

13	Well Name			Howell 12			
1	Ojo Alamo	1698'	1827'	White, cr-gr ss.		Ojo Alamo	1698'
	Kirtland	1827'	2328'	Gry sh interbedded w/tight, gry, fine-gr ss.	; ! -	Kirtland	1827'
	Fruitland	2328'	2630'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss		<b>≇</b> ruitland	2328'
	Pictured Cliffs	2630'		Bn-Gry, fine grn, tight ss.		Pic.Cliffs	2630'

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