Form 3160-4 (July 1992)

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

SUBMIT IN DUPLICATE\*

ORM APPROVED OMB NO. 1004-0137

**BUREAU OF LAND MANAGEMENT** 

(See other instructions on fewerse side)

Ekpires: February 28, 1995 5. LEASE DESIGNATION AND SERIAL NO.

NM 019414

WELL COM	PLET	ION C	OR REC	ЮМ	PLE	TION	REP	ORT	AND	LOG	6. IF	INDIAN, AI	LLOTTEE	OR TRIBE NAME		
1a. TYPE OF WELL: OIL WELL				GAS WELL DRY Other CO SEP - S THE SE							7. UNIT AGREEMENT NAME					
b. TYPE OF COMPL																
NEW X	WORK OVER	DEEP FN	PIJO PIJO		DIF RES		Other	)71) <del>17</del>			- 8 FA	RM OR LE	ASE NAM	E, WELL NO.		
2. NAME OF OPERATOR											1	ederal		•		
Cross Timbers	<u>Operat</u>	ing Com	pany	· · · · · -								,				
3. ADDRESS AND TELEPHONE NO.									-	9. API WELL NO.						
2700 Farmington Ave., Bldg. K. Ste 1 Farmington, NM 87401 324 1090 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*										30-045-29816  10. FIELD AND POOL, OR WILDCAT						
4. LOCATION OF WELL At surface	(Report le	ocation clea	erly and in acc	ordance	with an	y State requ	irements)*							and Coal		
1,000' FNL & 2	,320' I	FEL Sec	20, T32	N, R1	.2W											
At top prod. interval	reported be	elow										EC., T., R., ND SURVEY				
At total depth				_										2 N, R 12 W		
•					14. PERMIT NO. DATE ISSUED						OUNTY OR	13. STATE				
	•										1	Juan		NM		
15. DATE SPUDDED	16. DATE	T.D. REAC	HED 17. I	ATE CO	MPL.(Re	ady to prod.	)	18. ELE	VATIONS (	(DF, RKB, I	RT, GR, ETG	:)*	19. EL	EV. CASINGHEAD		
07/14/99	07/	18/99	9	9/03/	99		_	5,	940' K	.B						
20. TOTAL DEPTH, MD &	TVD		BACK T.D., MI	& TVD		IF MULTIPI		,		TERVALS	,	OTARY TO	1	CABLE TOOLS		
2,285' KB		2,238	B'KB			HOW MANY			<u></u>	RILLED B	C	-2,285				
24. PRODUCING INTERV	AL(S), OF T	HIS COMPLE	ETION - TOP, B	оттом,	NAME (N	AD AND TVI	0)*   170							WAS DIRECTIONAL SURVEY MADE		
1 052' 2 100'								francis C	مقددها كال		11 13 3-12			Yes		
1,853'-2,109'								9	<u> </u>	3 133	<u> </u>			103		
26. TYPE ELECTRIC AND							-	0	-			į	27. WAS	WELL CORED		
Dual Neutron &	Induc	tion ic					1 2		( ) ( ) \ \ \ ( ) \ \	<del>79 - 17</del>	<u> 1887 - </u>			No No		
28.	T		1			ORD (Repo		s set in n			, <u>, , , , , , , , , , , , , , , , , , </u>			T		
CASING SIZE/GRADE WEIGHT, LB./FT.				147' HOL 12-1/4'			E SIZE TOP OF CENIENT Surf 100				TING RECO	AMOUNT PULLED				
1-5/8" H-40 32.3#																
" J-55 23#			2,20	2,285' 8-3/			4/3			' By TS 290 sx						
<del> </del>							<u> </u>					-				
29	LIN		INER RECO	RD					30		TUB	TUBING RECO				
SIZE	TOP (M		воттом (мі		SACKS C	EMENT*	SCREI	EN (MD)		SIZE		H SET (MD	1	PACKER SET (MD)		
									2-	3/8"	2	2.158				
31. PERFORATION RECOR		l, size and n	umber)				32.	A	CID, SHC	T, FRAC	TURE, CI	EMENT SO	OUEEZE	E, ETC.		
2,073'-2,109' DEPTH INTERVAL (MD)									AMOUNT AND KIND OF MATERIAL USED							
1,954'-59' & 1,961'-70'										- 1	03112 gals gel wtr &105468# 12/2					
1,853'-57', 1,863'-68', 1,879'-85' &					1,891	-97'		Frac 1,954'-70'			125 ga	<u>69,220# 12/20</u>				
				,			Frac	<u>rac 1,853'-97'</u>		28	891 ga	1 gal gel v		<u>22,427# 12/20</u>		
33.*	· · · · · · · · · · · · · · · · · · ·	PRODUCT	DON METUOD	(Flowin		RODUCTI		time of ne				WELLS	TATUS (I	Producing or		
DATE FIRST PRODUCTION PRODUCTION M Pumping				METHOD (Flowing, gas lift, pumping -				- size una type of pump)				shut		mping		
			CHOKE SI	CHOKE SIZE PROD'N. FOR			OIL - BBL. GAS - MCF.			MCF.	. WAT	ER - BBL.		GAS - OIL RATIO		
9/7/99 No flow					TEST PERIOD						""					
FLOW. TUBING PRESS.			CALCULA	CALCULATED OIL - E		·BL.	GA	GAS - MCF.		WATE	R - BBL.	OIL GRA		VITY - API (CORR.)		
10 psig SI	290 p	sig S	1 24 HOUR I													
34. DISPOSITION OF GAS (	Sold, used	for fuel, ve	ented, etc.)								TEST	WITNESSE	D BY	ADD:		
To be Sold											~ D945	PEFOR	RAE(	COHD		
35. LIST OF ATTACHMEN	TS								-	AÜ	CEP TEST	,				
												<del>, 1 0</del>	1999			
36. I hereby certify that the fo	regoing and	attached inform	nation is complet	e and corr	< f1						SE	יו ק	1,,,,			
SIGNED Love	20_	$\omega$	Foother	nd	$\mathcal{U}$ $_{\scriptscriptstyle  au}$	<sub>IITLE</sub> Ope	<u>rati</u> on	s Engi	ineer			الله المحر	ELDYO	efice q		
				7			<del></del> .				<b>YUMU</b>	31 OPG				
	*{See	Instructio	ons and Spa	ces fo	r Addit	ional Dat	a on Rev	erse Sid	1e)		ay 🗷	~				

		ħ.					FORMATION	37. SUMMARY OF PORO drill-stem, tests, includio recoveries):
							TOP	US ZONES:
 							BOTTOM	(Show all important
							DESCRIPTION, CONTENTS, ETC.	SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):
		Pictured Cliffs	Fruitland	Lower Kirtland Sh	Farmington SS	NAME		38. GEO!
	,	2084	1614	1314	1034	MEAS. DEPTH	7	GEOLOGIC MARKERS
State of the state		- 10		-		TRUE VERT. DEPTH	TOP	•