Form 3160-4

SUBMIT IN DUPLICATE

FOR APPROVED

ctober 1990)					OF	TATES THE INTERI MANAGEMENT		EIV	(See other in- Eductions on reverse side)	5. LE.	Expires: De	D. 1004-0137 comber 31, 1991 DN AND SERIAL NO.
VELL C	OMPLE	TION	OR R	ECOMP	LE1	TION REP	ORTIANO) L (D	B*1:47	6. IF I		E OR TRIBE NAME
a. TYPE OF			OIL	GAS X			<u>aa : III: -</u>	1-4	 			
			MEIT [werr [八	, '	Other Other	= C(C)\	1.31/7	TON MM	7. UN	IT AGREEMENT	NAME
TYPE OF	COMPLETIO		F				070 FAM	VLIDA	ITON, MM			
	METT X	OVER	DEEP-	PLUG BACK		DIFF. RESVR Other				8. FA	RM OR LEASE N	AME, WELL NO.
										0.40	Cozzens #1R	<u> </u>
	OPERATOR		DCES O	IL & GAS CO	MDA	NV	٠ بسد	li ir n	i Bini Bi	9. AP	WELL NO. 30-045-2976	•
	S AND TELE			IL & GAS CO	IVIFA		ದಾ (೧ ಕ್ರ	11 18		10. F	ELD AND POOL	-
PO	BOX 4289	, Farming	ton, NM	87499 (5	05)	326-970 (1)	自じじ		000		Fulcher Kutz	Pictured Cliffs
•				rly and in accord	dance	with any State re		12	1920			R BLOCK AND SURVEY
At surface	1/3	15' FSL, 96	39. FAAL			II/	7 705	_	Wile		R AREA	
At top pro	d. interval re	ported belov	W			1- (ann C		B DIV		Sec. 18, T-29	9-N, R-11-W
At total de	epth					<i>V</i> (On D	DEJ14	ه و د			
					14. F	PERMIT NO.	DATE ISSUE	D		12. C	OUNTY OR	13. STATE
											PARISH	Now Merica
. DATE SPU	IDDED 116	DATE T.D. I	REACHED	17. DATE	COMP	L. (Ready to prod.)		18. EL	EVATIONS (DF, R	KB, RT	San Juan BR, ETC.)*	New Mexico 19. ELEV. CASINGHEAD
5-17-99		5-18-99		4	7-99				5658' GL, 567		= .,	
). TOTAL DE	PTH, MD &TV	D 21.	PLUG, BA	ACK T.D., MD &TV	VD	22. IF MULTIPLE CO			TERVALS	ROTAR	Y TOOLS	CABLE TOOLS
2010'		ļ	1989'			HOW M		J.	RILLED BY	0-201	0'	1
	ION INTERVA	L (S) OF TH		TION-TOP, BOT	TOM.	NAME (MD AND TV	'D)*				25. WAS DIREC	
17051 4	10271 13:-4	ad Cliff									SURVEY M/	ADE
	1837' Pictui		RUN							27. WA	S WELL CORED	
GR/CCL											No	
						ASING RECORD (
CASING SIZE	E/GRADE	WEIGHT, L	_B./FT.	DEPTH SET (N	MD)	HOLE SIZE	TOP OF CEN	IENT, C	EMENTING RECO	ORD	AN.	MOUNT PULLED
3 1/2		9.3#	- +	2000	\dashv	6 1/4	641 cu ft					
l.			INER RE	CORD			30.			TI	BING RECORD	<u> </u>
SIZE	TOP (MD)	ВОТТО		SACKS CEMEN	NT°	SCREEN (MD)	SIZE		DEPTH SET (CKER SET (MD)
DEDFOCA	TION BECCO	D (Internal -	220 000 0	mhas)				D 6:15	T EDAGE (65	05145	NT COLUMN	
	TION RECOR 1789 1793			льег) 4, 1807, 1811	ı. İ	32. DEPTH INTE		D, SHC	OT, FRACTURE,		NT SQUEEZE, I	
	1821, 1823				"	1785-1837'	,	231 b	bl 30# linear g			
								2	28,400 SCF N	2		
						· ···					-	
								 				· · · · · · · · · · · · · · · · · · ·
			DD/ Wind		E/Ai.	PR g, gas liit, pumping-	RODUCTION	UTA L			IMELI STATICO	Producing or snut-in)
'E FIRST PR ' -99	RODUCTION	[FRODUC	TOUT METROU (g, gas int, pumping- Flowing	-are and type of b	p.)			SI	, recovery or widthin
E OF TEST		HOURS TES	TED I	CHOKE SIZE	PRO	ON FOR OIL-B	BBL	GAS-	-MCF	WATE	R-BBL	GAS-OIL RATIO
-99					TEST	PERIOD		631 5	Pitot Gauge			
W. TUBING	PRESS.	CASING PRE	ESSURE	CALCULATED	OIL	BBL	GAS-MCF	10011	WATER-BE	BL.		OIL GRAVITY-API (CORR.)
		SI 118	ř	24-HOUR RATE								
DISPOSIT	TON OF GAS (xrtuer, vent	ed, etc.)	—				<u> </u>		TEST WITNESS	ED BY
		To be so	old									
LIST OF A	TTACHMENT											
		None										
. Thereny ce	entify that the fe		attached in	nformation is com	piete a	nd correct as determ	nined from all avail	able rec	oras			
. I hereby co	ertify that the fo		attached in	formation is comp	piete a	nd correct as determ	nined from all avail	able rec	oras			FED FOR REC

*(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 JUL 16 1999 United States any false fictitious or fraudulent statements or representations as to any matter within its invisations. United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

PORMATION TOP BOTTOM DESCRIPTION, CARTEST, ETC. WARE ARAB DEPTH TRUE WEAR DEPTH VERY DEPTH FRUIT AND ASSOCIATION TO ASSOCIATE STATE OF S	DESCRIPTION DESCRIPTION. CONTENTS, TRYC. 454' 630' Mhite, cr-gr ss. 630' 1482' Gry sh intershedded w/tight, gry, fine-gr ss. 1482' 1784' Dk gry-gry carb sh, coal, grm silts, light- Kirtland ed gry, tight, fine gr ss. 1784' 2010' Bn-Gry, fine grm, tight ss. Cliffs 1784' 2010' Bn-Gry, fine grm, tight ss.	SUMMARY OF POROUS ZO Still-stem, tests, including ecoveries):	ONES: (Sho g depth inte	w all important z rval tested, cush	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):	38. GEOI	GEOLOGIC MARKERS
454' 630' White, cr-gr ss. 630' 1482' Gry sh interbedded w/tight, gry, fine-gr ss. 1482' 1784' Dk gry-gry carb sh, coal, grn silts, light- Kircland med gry, tight, fine gr ss. 1784' 2010' Bn-Gry, fine grn, tight ss. Cliffs 1784' 2010' Bn-Gry, fine grn, tight ss.	454' 630' White, cr-gr ss. 630' 1482' Gry sh interbedded w/tight, gry, fine-gr ss. 1421' 1784' Dk gry-gry carb sh, coal, grn silts, light- Kirtland med gry, tight, fine gr ss. 1784' 2010' Bn-Gry, fine grn, tight ss. Cliffs 1784' 2010' Pn-Gry, fine grn, tight ss.		OP	BOTTOM		NAME	
630' 1482' Gry sh interbedded w/tight, gry, fine-gr ss. 630' 1482' Dk gry-gry carb sh, coal, grn silts, light- Ojo Alamo Med gry, tight, fine gr ss. Cliffs 1784' 2010' Bn-Gry, fine grn, tight ss. Cliffs 1784' 2010' Bn-Gry, fine grn, tight ss.	454' 630' White, cr-gr ss. 630' 1482' Gry sh interbedded w/tight, gry, fine-gr ss. 1482' 1784' Dk gry-gry carb sh, cosl, grn silts, light. Ojo Alamo ds0' med gry, tight, fine gr ss. Cliffs 1784' 2010' Bn-Gry, fine grn, tight ss. Cliffs 1784' 2010' Bn-Gry, fine grn, tight ss.		_				_
Gry sh interbedded w/tight, gry, fine-gr ss. 1482' 1784' Dk gry-gry carb sh, coal, grn silts, light- Gio Alamo Gio Alamo Med gry, tight, fine gr ss. Cliffs 1784' 2010' Bn-Gry, fine grn, tight ss. Cliffs 1784' 2010' Cliffs 1784'	630: 1482' Gry sh interbedded w/tight, gry, fine-gr ss. 1482' 1784' Dk gry-gry carb sh, coal, grn silts, light- Kirtland 630' med gry, tight, fine gr ss. Cliffs 1784' 2010' Bn-Gry, fine grn, tight ss. Cliffs 1784' 2010' Encliffs 1784'	jo Alamo	454 *	630'			
d 1482' 1784' Dk gry-gry carb sh, coal, grn silts, light- Ojo Alamo 454' med gry, tight, fine gr ss. Kirtland 1482' Fruitland 1482' Bn-Gry, fine grn, tight ss. Pic.Cliffs 1784' 2010' Bn-Gry, fine grn, tight ss.	d 1482' 1784' Dk gry-gry carb sh, coal, grn silts, light Ojo Alano 454' med gry, tight, fine gr ss. Kitland 630' Fruitland 1482' Pric.Cliffs 1784' 2010' Bn-Gry, fine grn, tight ss. Pic.Cliffs 1784' Pic.Cliffs 1784'	irtland	6301	1482'	interbedded w/tight, gry,		
Bn-Gry, fine grn, tight ss. Pic.Cliffs 1784'	Bn-Gry, fine grn, tight ss. Pic.Cliffs 1784'	ruitland	1482 '	1784'	gry-gry carb sh, coal, grn silts, gry, tight, fine gr ss.	Ojo Alamo Kirtland Fruitland	454 ' 630 ' 1482 '
		ictured Cliffs	1784'	2010'	fine grn, tight ss	Pic.Cliffs	1784'
		·	·				