Form 3160-4
(October 1990)

**UNITED STATES** 

SUBMIT IN DUP: ATE

FOR APPROVED

Ex		NO. 1004 December		
EARE	DERI	HATEL	AND	 •

سا ر. ا	UEPA	RTMENT	OF THE		FRIO	₹	structions of	SD 1		ember 31, 1991
		BUREAU OF L				•	reverse side	LC-054		TION AND SERIAL N
		ON OR REC	OMPLETIO	ON F	EPORT	AND	LOG*	6. IF INDIA	N. ALLO	TTEE OR TRIBE NA
1a. TYPE OF W	ELL	WELL GAR	.t. 🚺 DR	Y 🔲	Other			7. UNIT AG	REEMEN	T NAME
b TYPE OF C				_				_		
WELL X	X WORK	EN BAC	B DIFF.		Other			8. FARM	OR LEA	SE NAME, WELL
2. NAME OF OPE										Federal #8
3. ADDRESS A	n Oil Inc			<u> </u>				9. API WEL		
		в No. Midland, ТХ	70710 10	10				30-025-		-
4. LOCATION OF	WELL (Report to	cation clearly and	in accordance	rith ans	State reason	cmenta)	<del> </del>	1		L. OR WILDCAT
		SL & 660' FI				( ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Jaimat 11. sec. T	lans	ill Yates 7
	interval reported							OR ARE	<b>A</b>	
A								33, T25	is, R	37E
At total dept	•		14. PERS	WIT NO		D				····
			17. PERS	AII NO.	t	11-1		12. COUNTY PARISH	OR	13. STATE
15. DATE SPUDDED	16. DATE T.	D. REACHED   17. r	DATE COMPL. (R	Ready to	prod.) 1 +o			Lea	1 10	NM ELEV. CASINGHEAD
3-2-93	3-7-0		3-17-93		18.		.5 GR	, RT, GE, ETC.)*	13.	-LAT. CASINUMEAD
20. TOTAL DEPTH. M		PLUG. BACK T.D., MD	A TVD   22.	IF MULT	IPLE COMPL.	<u> </u>	3. INTERVALS		OLB	CABLE TOOLS
3000'		2942'		HOW MA	_		DRILLED BY	X		
		HIS COMPLETION-	TOP, BOTTOM, N	AME (M	D AND TVD)*				25	5. WAS DIRECTIONAL SURVEY MADE
2551:-28	21' Yates					Ass				JUNEAU MAPS
26. TYPE ELECTRIC	C AND OTHER TO	CO 51110					<u> </u>	<b>39</b> 8		no
GR/CCL/CI		CCL/CNL							1	AS WELL CORED
29.	22, 011,	<del></del>	ASING RECOR	D (Reno	et all strings	set in se	eil)	······································		no
CASING SIZE/GRAD	E WEIGHT,		BET (MD)		E SIZE		<del></del>	EMENTING RECOR	D I	AMOUNT PULLED
<u>8 5/8"</u>	28#	410.	.2'	121/2	li .	450	O sxs C	- surf.		100 sxs
412"	11.6	3000	)'	7 7	/8"		10 sxs C			T0C@800 TS
29.		LINER RECOF	RD			30		TUBING REC	1025	
<b>40</b> .				ENT*	SCREEN (ME	— I —	SIZE	DEPTH SET (1		PACKER SET (MD)
8128	TOP (MD)	BOTTOM (MD)	SACKS CEM						,	FACEDE DEL (SD)
	TOP (MD)	BOTTOM (MD)	SACKS CEM				2 3/9"	2556 61		MONE
\$128							2 3/8"	2556.61		NONE
\$128		BOTTOM (MD)			82.			2556.61	T SQU	
SIZE 31. PERFORATION B	ECORD (Interval				32. DEPTH INT	ACID.	SHOT, FRAC			EEZE, ETC.
SIZE 31. PERFORATION B	ECORD (Interval	ous, 36 hole				ACID.	SHOT. FRAC	TURE, CEMEN MOUNT AND KIL Z - 1500	gal.	EEZE ETC.  (ATERIAL USED  71-3% NEFE HO
SIZE 31. PERFORATION B	ECORD (Interval 321'; vari	ous, 36 hole			DEPTH INT	ACID.	shot. Fraction (a) acdi	TURE, CEMEN MOUNT AND KII Z - 1500 C - 28000	gal. gal:	EEZE ETC.  ATTERIAL USED  7½% NEFE HO 5. 40# borat
SIZE 31. PERFORATION B	ECORD (Interval	ous, 36 hole			DEPTH INT	ACID.	SHOT. FRAC	TURE, CEMEN MOUNT AND KII Z - 1500 C - 28000 er gel +1	gal. gals	ATTERIAL USED  7% NEFE HO  5. 40# borations CO2 with
31. PERFORATION 8 2551' -28	321'; vari Yate	ous,36 hole	25,	PRODU	2551 .	ACID. ERVAL (1)	SHOT. FRAC (D) A 1' acd frac line 217	TURE, CEMEN MOUNT AND KII Z - 1500 C - 28000	gal. gals	ATTERIAL USED  7% NEFE HO  5. 40# borations CO2 with
31. PERFORATION 8 2551' -28	321'; vari Yate	ous, 36 hole	(Flowing, gas	PRODU	2551 .	ACID. ERVAL (1)	SHOT. FRAC (D) A 1' acd frac line 217	TURE CEMEN MOUNT AND KILL Z - 1500 C - 28000 er gel +1 000# 12/2	gal. gal: 24 to 0 Bra	ATTERIAL USED  7% NEFE H( 5. 40# borat  ons CO2 with ady sand
31. PERFORATION R 2551' -28 33.* DATS PIRST PRODUCT 3-30-93	ECORD (Interval 321'; vari Yate	ous,36 hole	(Flowing, gas 1/2 " Rod	PRODU <i>lift, pum</i> Pump	2551 ' - 'CTION	ACID. ERVAL (1)	SHOT. FRAC (D) A 1' acd frac line 217	TURE CEMEN MOUNT AND KILL Z - 1500 C - 28000 er gel +1 000# 12/2	gal. gals 24 to 0 Bra	ATTERIAL USED  7% NEFE H( 5. 40# borat  ons CO2 with ady sand
31. PERFORATION R 2551' -28 33.*  PATE FIRST PRODUCT 3-30-93  PATE OF TEST	ECORD (Interval 321'; vari Yate	ous, 36 hole	(Flowing, gas 1/2 " Rod	PRODU Uft, pum Pump	2551 .	ACID.  ERVAL (B - 282)  and type	SHOT. FRAC (D) A 1' acd frac line 217	TURE CEMEN MOUNT AND KILL Z - 1500 C - 28000 er gel +1 000# 12/2	gal. gal. 24 to 0 Bra	ATTERIAL USED  7½% NEFE HO 5. 40# borat ons CO2 with adv sand
31. PERFORATION 8 2551 - 28	ECORD (Interval 321'; vari Yate TION PR	OUS, 36 holes  OUS to hole  OUS	(Flowing, gas 1/2 " Rod E PROD'N.	PRODU	CTION  sping—size a  OIL—BBL.	ACID.  ERVAL (No. 1997)  - 2821	SHOT. FRACE  SHOT. FRACE  A acd  frace  line  217  of pump)	TURE, CEMEN MOUNT AND KINZ - 1500 C - 28000 er gel +1 000# 12/2	gal. gal: 24 to 0 Bra	TIS NEFE HOS. 40# boratons CO2 with adv sand  (Producing or ing
31. PERFORATION R 2551' -28 33.• 2551' -28 33.• 2551' -28 33.• 2551' -28 33.• 2551' -28 33.• 2551' -28	ECORD (Interval 321'; vari Yate TION PR ROURS TEST 24	OUS, 36 holes	(Flowing, gas 1/2 " Rod E PROD'N. TEST PE	PRODU	CTION  COLUMBEL.	ACID.  ERVAL (N - 282)  and type  GA	SHOT. FRACE  SHOT. FRACE  A acd  frace  line  217  of pump)	TURE, CEMEN MOUNT AND KII Z - 1500 C - 28000 er gel +1 000# 12/2  WELL PY WATER—BBI	gal. gal: 24 to 0 Bra	7½% NEFE HOS. 40# boratons CO2 with adv sand
31. PERFORATION B 2551' -28 33.•  2551' -28 33.•  2551' -28 33.•  2551' -28 33.•  2551' -28 2551' -28 2551' -28 2551' -28 2551' -28 2551' -28 2551' -28 2551' -28 2551' -28	ECORD (Interval 321'; vari Yate TION   PR   HOURS TEST 24   CASING PRES	OUS, 36 hole  S  ODUCTION METHOD  Pumping (1-	(Flowing, gas 1/2 " Rod E PROD'N. TEST PE: D OIL—BEI	PRODU	CTION  sping—size a  OIL—BBL.	ACID.  ERVAL (N - 282)  and type  GA	SHOT. FRACE  SHOT. FRACE  A acd  frace  line  217  of pump)	TURE, CEMEN MOUNT AND KII Z - 1500 C - 28000 er gel +1 000# 12/2  WELL PY WATER-BBI	gal. gal. gals 24 to 0 Bra	The NEFE HOSE AUTHORISE CO2 with adv sand  I (Producing or ing GAS-OIL BATIO COEL)
2551' -28 2551' -28 2551' -28 2551' -28 2551' -28 2551' -28 2551' -28 2551' -28 2551' -28 2551' -28 2551' -28 2551' -28	ECORD (Interval 321'; vari Yate TION   PR   HOURS TEST 24   CASING PRES	OUS, 36 holes  OUS , 36 holes  OUS , 36 holes  CODUCTION METHOD  Pumping (1-  CHOKE BIZ  CALCULATE  24-HOUR B.	(Flowing, gas 1/2 " Rod E PROD'N. TEST PE: D OIL—BEI	PRODU	CTION  COLUMBEL.	ACID.  ERVAL (N - 282)  and type  GA	SHOT. FRACE  SHOT. FRACE  A acd  frace  line  217  of pump)	TURE, CEMEN MOUNT AND KII Z - 1500 C - 28000 er gel +1 000# 12/2  WELL PY WATER—BBI	gal. gal. gals 24 to 0 Bra	TIS NEFE HOSE AUTHORISE CO2 with adv sand  I (Producing or ing  GAS-OIL BATIO  RAVITY-API (CORE.)
31. PERFORATION R  2551' -28  2551' -28  33.*  DATE PIRST PRODUCT  3-30-93  DATE OF TRET  3-30-93  TLOW. TURING PRODUCT  50. D  15. LIST OF ATTACK	ECORD (Interval 321'; vari Yate TION PR ROURS TEST 24 CASING PERS 60# GAS (Sold, used	OUS, 36 holes  OUS , 36 holes  OUS , 36 holes  CODUCTION METHOD  Pumping (1-  CHOKE BIZ  CALCULATE  24-HOUR B.	(Flowing, gas 1/2 " Rod E PROD'N. TEST PER ATE 0 C.)	PRODI	CTION  COLUMBEL.	ACID.  ERVAL (N - 282)  and type  GA	SHOT. FRACE  SHOT. FRACE  A acd  frace  line  217  of pump)	TURE, CEMEN MOUNT AND KII Z - 1500 C - 28000 er gel +1 000# 12/2  WELL PY WATER-BBI	gal. gal. gals 24 to 0 Bra	The NEFE HOS. 40# borate on CO2 with adv sand  (Producing or ing  GAS-OIL RATIO  RAVITY-API (CORE.)

Seven Rivers	Dispre		nsil 2390'	Salado 1198'	Rustler 920'	Red Beds & SS near surf.	FORMATION	TOP	El Paso lom rederal 37. SUMMARY OF POROUS ZONES: (Shi drill-stem, tests, including depth into recoveries):
	3000	0' 2868'	0' 2550'	8' 2390'	0' 1198'	rf. 920'		BOTTOM	STA! #8
٥	Dolomite & Sandstone	Sandstone & Dolomite	Anhydrite & Dolomite	Salt, Anhydrite & SS	Anhydrite, LS & SS	Sandstone & Limestone		DESCRIPTION, CONTENTS, ETC.	E  Paso   0m rederal #8  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):
	Seven Rivers	Yates	Tansil	Salado	Rustler	Red Beds & SS	ZAME		38. GEOL
	2868	2550'	2390'	1198	920'	near surface	MEAS, DEPTH	TOP	GEOLOGIC MARKERS
			1.				TRUE VERT. DEPTH	Ď	