## LINITED STATES

SUBMIT IN DUPLICATE.

FOR APPROVED

	DEDAR	TAICHT /	SE THE 181	THE INTERIOR (See other struction							
					struc rever	tions on 5.	LEASE DESIGN	ATION AND SERIAL NO.			
BUREAU OF LAND MANAGEMENT							USAMM024				
WELL CC	MPLETION	MPLETION	REPORT A	AND LO	G * 6.	H INDIAN, AL	LOTTEE OR TRIBE NAME				
. TYPE OF WE	LL: QI	IL CAS	<u> </u>				N/A				
TYPE OF COM		RLL WELL	DRY .	Other COALB	SED MEIHA	7.	UNIT AGREEM	ENT NAMB			
WELL WORK DEEP PLUS DIFF.				Other			N/A 8. FARM OR LEASE NAME, WELL NO				
NAME OF OPERA	01811			SAN JUAN FEDERAL							
TEXAKOMA			9.	API WELL NO.							
. ADDRESS AND							30-045-2				
5400 LBJ	FREEWAY,	SUITE 500.	DALLAS, TX accordance with an	75240 (	214) 701	<u>-9106</u> 10.		OOL, OR WILDCAT			
At surface 114	40' FNL &	2360' FEL,	NW NE SE	2 <b>0</b> , T30N,	RWW			FRUITLAND COAL			
	terval reported b		IK IK		मुख्या । स्थाप		OR AREA				
		OIMIE.	U U	MAY1 0	1002	Îsi	SEC. 20	, T30N R12W			
At total depth	SAME		14. PERMIT NO.								
					V. DIV	i	COUNTY OR PARISH	13. STATE			
DATE SPUDDED	16. DATE T.D.	REACHED   17. DA	TE COMPL. (Ready t			F. RKB. RT. GI	N JUAN	NEW MEXICO			
3-17-93	3-19-93		04/27/93				KB S	<b>ऄ</b> 49'			
TOTAL DEPTH, MD	A TVD 21. PLI	UG, BACK T.D., MD 4		TIPLE COMPL.,	23. INT	ERVALS RO	TARY TOOLS	CABLE TOOLS			
2020' MD		971'MD	P, BOTTOM, NAME (1			<b>→</b>   0-	2020				
SPECTRAL	DENSITY, N	MICROLOG, G	GR-CBL SING RECORD (Rep	port all etrings :	set in well)			% NO			
ASING SIZE/GRADE	WEIGHT, LB.	/FT. DEPTH 8	<del></del>	LE SIZE		MENT, CEMENTI		AMOUNT PULLED			
-5/8" J-55 -1/2" J-55			323 12-1				& 2% CA	.cL,			
-1/2 J-33	15.5	2018	·	//8	SURF: 10	JV SX PO	Z MIX	_			
					& FLOCEL			+ 2% CACL			
					~ 12000		A WID !	NE HALAN 322			
		LINER RECORD	)		30.		NG RECORD				
8122	TOP (MD)	BOTTOM (MD)	SACKS CEMENT®	SCREEN (MD)	) SIZE	TUBI	H SET (MD)				
	TOP (ND)				—	TUBI	H SET (MD)				
/A		BOTTOM (MD)		SCREEN (MD)	2-3	70BI	H SET (MD)	PACKER SET (MD)  NONE			
/A PERFORATION REC	CORD (Interval, e	BOTTOM (MD)	SACKS CEMENT®		2-3 ACID. SHOT	TUBI DEPT /8" 191 FRACTURE	H SET (MD) 4 ' CEMENT SC	NONE  RUEEZE, ETC.			
/A PERFORATION REC	CORD (Interval, e	BOTTOM (MD)	SACKS CEMENT®	SCREEN (MD)	SIZE  2-3  ACID, SHOT.  RVAL (MD)	TUBI DEPT: 191 191 FRACTURE	H SET (MD)  4 1  CEMENT SC  AND KIND OF	NONE  RUEZZE, ETC.			
/A  PERFORATION REC  801' - 180	CORD (Interval, et	sorron (MD)  free and number)  .50 EHD —	SACKS CEMENT®	SCREEN (MD)  32.  DEPTH INTE	SIZE  2-3  ACID, SHOT  RVAL (MD)  02 AND	TUBI    DEPT     191   FRACTURE     AMOUNT     1000 GA	CEMENT SO AND KIND OF L 10% HC	NONE  RUEZZE, ETC.			
/A  PERFORATION REC  801' - 180	CORD (Interval, et	sorron (MD)  free and number)  .50 EHD —	SACKS CEMENT®	SCREEN (MD)   82.   DEPTH INTE	SIZE  2-3  ACID, SHOT  RVAL (MD)  02 AND	TUBI    DEPT     191   FRACTURE     AMOUNT     1000 GA	CEMENT SC AND KIND OF	NONE  NONE  RUBEZE, ETC.  MATSRIAL USED			
/A  PERFORATION REC  801' - 180  846' - 186	CORD (Interval, et	sorron (MD)  free and number)  .50 EHD —	SACKS CEMENT®  4  138	SCREEN (MD)   S2.   DEPTH INTE   1801-18   1846-1	SIZE  2-3  ACID, SHOT  RVAL (MD)  02 AND	TUBI	CEMENT SC  AND KIND OF  L 10% HC  AL 70% N  20/40 &	NONE  NONE  RUEZZE, ETC.  MATSRIAL USED			
PERFORATION REC 801' - 180 846' - 186	ORD (Interval, etc.) 2' SDLM - 9' SDLM -	see and number) .50 EHD41 EHD -	SACKS CEMENT®  4  138	SCREEN (MD)	2-3 ACID. SHOT.  RVAL (MD) 02 AND 869	TUBI    191	CEMENT SC AND KIND OF L 10% HC AL 70% N 20/40 & 10/20	PACKER SET (MD)  NONE  RUEEZE, ETC.  P MATERIAL USED  LL  2 FOAM W/			
### PRODUCTI	ORD (Interval, etc.)  2' SDLM -  9' SDLM -	SOTTOM (MD)  ise and number) .50 EHD41 EHD -	SACKS CEMENT®  4  138  PROI Flowing, gas lift, pr	SCREEN (MD)	2-3 ACID. SHOT.  RVAL (MD) 02 AND 869	TUBI    191	CEMENT SC AND KIND OF L 10% HC AL 70% N 20/40 & 10/20	PACKER SET (MD)  NONE  QUEEZE, ETC.  F MATERIAL USED  LL  FOAM W/  2			
PERPORATION REC 801' - 180 846' - 186 PIRST PRODUCTI	ORD (Interval, etc.)  2' SDLM -  9' SDLM -	SOTTOM (MD)  ise and number) .50 EHD41 EHD -	SACKS CEMENT®  4  138  PROI Flowing, gas lift, pro DUCTION   PROD'N. FOR	SCREEN (MD)	2-3 ACID. SHOT.  RVAL (MD) 02 AND 869	TUBI    A   DEPT     191     FRACTURE     AMOUNT     1000 GA     41180 G     7400 #     72,900	H SET (MD) 4'  CEMENT SC  AND KIND OF L 10% HC AL 70% N 20/40 & 10/20	PACKER SET (MD)  NONE  QUEEZE, ETC.  F MATERIAL USED  LL  FOAM W/  2			
PERFORATION REC. 801' - 180 .846' - 186 PIRST PRODUCT! WELL CAPAB!	ORD (Interval, etc.)  2' SDLM -  9' SDLM -  10N PROD  ILE OF COMM	SOTTOM (MD)  See and number)  .50 EHD -  .41 EHD -  UCTION METHOD (  IERCIAL PRO  CHOKE SIZE	SACKS CEMENT®  4  138  PROI Flowing, gas lift, pro DUCTION PROD'N. FOR TEST PERIOD TEST PERIOD	SCREEN (MD)  82.  DEPTH INTE  1801-18  1846-1.  DUCTION  umping—size an	ACID. SHOT.  RVAL (MD)  02 AND  869   Rd type of pun	TUBI    A   DEPT     191     FRACTURE     AMOUNT     1000 GA     41180 G     7400 #     72,900	CEMENT SC AND KIND OF L 10% HC AL 70% N 20/40 & 10/20	PACKER SET (MD) NONE  QUEEZE, ETC. F MATERIAL USED L FOAM W/ 2			
PERFORATION REC. 801' - 180 .846' - 186 PIRST PRODUCT! WELL CAPAB!	SORD (Interval, and Deliver) SDLM — SDLM — SOLM — PRODUCT OF COMM	SOTTOM (MD)  See and number)  .50 EHD -  .41 EHD -  UCTION METHOD (  IERCIAL PRO  CHOER SIZE	PRODUCTION  PROD'N. FOR TEST PERIOD  OIL.—BBL.	32.  DEPTH INTE  1801-18  1846-1	ACID. SHOT.  RVAL (MD)  02 AND  869   Rd type of pun	TUBI    A   DEPT     191     FRACTURE     AMOUNT     1000 GA     41180 G     7400 #     72,900	CEMENT SC AND KIND OF L 10% HC AL 70% N 20/40 & 10/20  WELL STA shut-in	PACKER SET (MD)  NONE  QUEEZE, ETC.  F MATERIAL USED  L  FOAM W/  2			
PERFORATION REC.  1801' - 180  1846' - 186  PERFORATION REC.  WELL CAPAB  W. TURING PROS.	CASING PRESSU	SOTTOM (MD)  fee and number)  .50 EHD -  .41 EHD -  UCTION METHOD (  ERCIAL PRO CHORE SIZE  CALCULATED 24-HOUR RAT	PROIDUCTION  PROD'N. FOR TEST PERIOD  OIL.—BBL.	SCREEN (MD)  82.  DEPTH INTE  1801-18  1846-1.  DUCTION  umping—size an	ACID. SHOT.  RVAL (MD)  02 AND  869   Rd type of pun	TUBI	CEMENT SC AND KIND OF L 10% HC AL 70% N 20/40 & 10/20  WELL STA SAME-IN	PACKER SET (MD)  NONE  RUEEZE, ETC.  P MATERIAL USED  LL  Z FOAM W/  CUS (Producing or  GAS-OIL RATIO  GRAVITY-API (CORE.)			
PERFORATION REC 1801' - 180 1846' - 186	CASING PRESSU	SOTTOM (MD)  fee and number)  .50 EHD -  .41 EHD -  UCTION METHOD (  ERCIAL PRO CHORE SIZE  CALCULATED 24-HOUR RAT	PROIDUCTION  PROD'N. FOR TEST PERIOD  OIL.—BBL.	SCREEN (MD)  82.  DEPTH INTE  1801-18  1846-1.  DUCTION  umping—size an	ACID. SHOT.  RVAL (MD)  02 AND  869   Rd type of pun	TUBI	CEMENT SC AND KIND OF L 10% HC AL 70% N 20/40 & 10/20  WELL STA shut-in	PACKER SET (MD)  NONE  RUEEZE, ETC.  P MATERIAL USED  LL  Z FOAM W/  CUS (Producing or  GAS-OIL RATIO  GRAVITY-API (CORE.)			

36. I hereby carrify that the foregoing and attached information is complete and correct as determined from all ACCEPTED FOR RECORD SIGNE TITLE DRILLING MANAGER DATE 05-05-93

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

	PICTURED CLIFFS	FRUITLAND FORM. BASAL COAL		FORMATION	37. SUMMARY OF PORC drill-stem, tests, increcoveries):
	1878*	1846		TOP	)US ZONES: (Sh
	N/R	1872'		воттом	ow all important erval tested, cu
	Sandstone, White fine grained, Firm-Hard, Very Calcaceous. No show.	Black Coal, Vitreous, Very well Cleated, Gassy		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 Basal Coal	2 2 2 2 2		38. GEOL
	1878*	1846"	MEAS. DEPTH	i i	GEOLOGIC MARKERS
	1878	1846'	VERT. DEPTH	TOP	