

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

DRILL ☐DEEPEN ☐

b. TYPE OF WELL

OIL  
WELL ☐GAS  
WELL ☒OTHER ☐SINGLE  
ZONE ☒MULTIPLE  
ZONE ☐

2. NAME OF OPERATOR

Cross Timbers Operating Company

3. ADDRESS AND TELEPHONE NO.

2700 Farmington Ave., Bldg. K, Ste 1 Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
At surface900' FSL & 1,825' FEL Section 20, T28N, R10W, Unit 0  
At proposed prod. zone

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

Please see attached Surface Use Program.

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any) 900'

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

SE/4 - 160 acres

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT. 840'19. PROPOSED DEPTH  
2,270'20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether DFL, RT, GR, etc.)

6,069' GL

22. APPROX. DATE WORK WILL START\*  
12/99

## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8-3/4"	7", J-55	20#	200'	75 sx
6-1/4"	4-1/2", J-55	10.5#	2,270'	175 sx

This action is subject to technical and  
procedural review pursuant to 43 CFR 3165.3  
and appeal pursuant to 43 CFR 3165.4.

DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO COMPLIANCE WITH ATTACHED  
"GENERAL REQUIREMENTS"

Surface : 7", 20#, J-55, STC casing at 200'.

75 sx Class "B" cement containing 1/4# celloflack, 2% CaCl<sub>2</sub> (15.6 ppg, 1.18 cuft/sx).

Production: 4-1/2", 10.5#, J-55, STC casing at 2,270'.

Lead: 100 sx of class "B" cement containing 2% (extender), 1/4 pps celloflake & 2% CaCl<sub>2</sub>  
(11.4 ppg, 2.87 cuft/sx).Tail: 75 sx of class "B" cement containing 2% extender, 1/4 pps celloflake & 2% CaCl<sub>2</sub>  
(13.5 ppg, 1.71 cuft/sx).

Remarks: Use 25% excess over volume calculated from open hole logs to bring TOC up to surface.

This well will replace the J. F. Day "C" #2 (API #30-045-07273) which has been proposed to be  
plugged and abandoned.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or  
deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

TITLE Thomas DeLong, Prod Engineer

DATE 11/8/99

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

/s/ Jim Lovato

APPROVED BY

TITLE

DATE

\*See Instructions 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 or agency of the United States any false,  
fictitious or fraudulent statements or representations as to a material matter within its jurisdiction.

District I  
PO Box 1990, Hobbs, NM 88241-1990

District II  
PO Drawer 00, Artesia, NM 88211-0719

District III  
1000 Rio Brazos Rd., Aztec, NM 87410

District IV  
PO Box 2068, Santa Fe, NM 87504-2068

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

Form C-102  
Revised February 21, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-045-30054	Pool Code 77200	Pool Name FULCHER KUTZ PICTURED CLIFFS
Property Code 22687	Property Name J. F. DAY "C"	Well Number 2R
OSRID No. 167067	Operator Name CROSS TIMBERS OPERATING COMPANY	Elevation 6069'

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	20	28N	10W		900	SOUTH	1825	EAST	SAN JUAN

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres 160 SE/4	Joint or Infill	Consolidation Code	Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

15	5286.60'	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature Tom DeLong Printed Name Production Engineer Title 8-25-99 Date
5280.00'	20	18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my belief.  AUGUST 16, 1999 Date of Survey Signature and Seal of Professional Surveyor NEALE C. EDWARDS NEW MEXICO 6857 REGISTERED PROFESSIONAL SURVEYOR Certificate No. 6857
5285.28'	900'	

900' FSL & 1825' FEL, SECTION 20, T28N, R10W, N.M.P.M.  
SAN JUAN COUNTY, NEW MEXICO

