

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 surface: 700' FSL & 1,600' FEL Section 2, T27N, R10W, Unit 0
At proposed prod. zone: Same

5. LEASE DESIGNATION AND SERIAL NO.: SF-046563

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: _____

7. UNIT AGREEMENT NAME: _____

8. FARM OR LEASE NAME, WELL NO.: 25142
Fred Feasel "F" #1R

9. API WELL NO.: 30-045-30053

10. FIELD AND POOL, OR WILDCAT: Fulcher Kutz Pictured Cliffs

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 2, T27N, R10W

12. COUNTY OR PARISH: San Juan

13. STATE: NM

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): 700'

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.: 186'

19. PROPOSED DEPTH: 2,090'

20. ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 5,977' 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#	2,090'	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% CaCl₂ (15.6 ppg, 1.18 cuft/sx).

Production: 4-1/2", 10.5#, J-55, STC casing at 2,090'.

Lead: 100 sx of class "B" cement containing 2% (extender), 1/4 pps celloflake & 2% CaCl₂ (11.4 ppg, 2.87 cuft/sx).

Tail: 75 sx of class "B" cement containing 2% extender, 1/4 pps celloflake & 2% CaCl₂ (13.5 ppg, 1.71 cuft/sx).

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

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: Thomas DeLong TITLE: Thomas DeLong, Prod Engineer DATE: 11/9/99

(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: ohje

APPROVED BY: _____ TITLE: _____ DATE: 12/7/99

*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 any matter within its jurisdiction.

District I
PO Box 1980, Hobbs, NM 88241-1980

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

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

District IV
PO Box 2088, Santa Fe, NM 87504-2088

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

¹ API Number 30045-30053	² Pool Code 77200	³ Pool Name FULCHER KUTZ PICTURED CLIFFS
⁴ Property Code 25142	⁵ Property Name FRED FEASEL "F"	⁶ Well Number 1R
⁷ GRID No. 167067	⁸ Operator Name CROSS TIMBERS OPERATING COMPANY	⁹ Elevation 5977'

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	2	27N	10W		700	SOUTH	1600	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

¹² Dedicated Acres 160 SE/4	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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 1343.76'	LOT 4	LOT 3	LOT 2	LOT 1	1339.80'	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 9-8-99 Date
1320.00'					1320.00'	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 18, 1999 Date of Survey Signature and Seal of Professional Surveyor NEALE C. EDWARDS NEW MEXICO 6857 CERTIFICATE OF PROFESSIONAL SURVEYOR
2640.00'					2640.00'	

5280.00'

5274.06'

1600'

700'

2 RECEIVER
DEC - 9 1999
CAL CON. DIV.
DIST. 2

700' FSL & 1600' FEL, SECTION 2, T27N, R10W, N.M.P.M.
SAN JUAN COUNTY, NEW MEXICO

700' FSL & 1600' FEL, SECTION 2, T27N, R10W, N.M.P.M.
SAN JUAN COUNTY, NEW MEXICO

