

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Submit 8 FOR Tribal
Interest, 7 for BLM*
(Other Instructions on
reverse side)

FORM APPROVED
Budget Bureau No. 1004-0136
Expires: February 28, 1995

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. Type of Work **DRILL** ☒ **DEEPEN** ☐

1b. TYPE OF WELL
OIL WELL ☐ GAS WELL ☒ OTHER ☐ Single ☒ Multiple ☐
Zone Zone

2. NAME OF OPERATOR
Cross Timbers Operating Company

3. ADDRESS AND TELEPHONE NO.
6001 Highway 64, Farmington, NM 87401 915/682-8873 Mark Gosch

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At Surface: 970' FNL - 1000' FWL
At proposed prod. zone>

5. LEASE DESIGNATION AND SERIAL NO.
SF-0077383A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
22756

8. FARM OR LEASE NAME, WELL NO.,
KUTZ FEDERAL #12E

9. API WELL NO.
30-045-29729

10. FIELD AND POOL, OR WILDCAT
Basin Dakota

11. SEC., T., R., OR BLK
AND SURVEY OR AREA
Sec. 21, T28N-R10W

12. COUNTY OR PARISH
San Juan County

13. STATE
NM

14. DISTANCE IN MILES AND DIRECTIONS FROM NEAREST TOWN OR POST OFFICE
Please see attached Surface Use Program.35

15. DISTANCE FROM PROPOSED* LOCATION TO
NEAREST PROPERTY OR LEASE LINE, FT. (Also
to nearest drlg. Unit line, if any.)
970'

16. NO. OF ACRES IN LEASE
FEB 12 1999
OIL CON. DIV.
DIST. 3

17. NO. OF ACRES ASSIGNED TO THIS WELL
W/2 - 320

18. DISTANCE FROM PROPOSED* LOCATION TO
NEAREST WELL, DRILLING, COMPLETED OR APPLIED
FOR, ON THIS LEASE, FT.
500'

19. PROPOSED DEPTH
6800'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5934' G.L. and appeal pursuant to 43 CFR 3165.4.

22. APPROX. DATE WORK WILL START*
12/98

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	J-55, 8-5/8"	24#	300' +/- 320	225 sx
7-7/8"	J-55, 4-1/2"	10.5#	6,800' +/-	1050 sx

Surface - 8-5/8", 24#, J-55, STC casing at 300'.
225 sx of Class "B" cement w/ 2% CaCl₂ & 1/4 pps Flocele (14.8 ppg, 1.34 cu.ft./sx)
Production - 4-1/2", 10.5#, J-55, STC casing at 6,800, w/ DVT @ 2,200'
First Stage: Lead - 525 sx of 35:65 Poz "B" cement w/ 6% Gel, 5 pps Gilsonite, & 1/4 pps Celloflake (12.9 ppg, 1.85 cu.ft./sx)
Tail - 150 sx of Class "G" cement w/ 5 pps Gilsonite, & 1/4 pps Celloflake (14.8 ppg, 1.33 cu.ft./sx)
Second Stage: Lead - 275 sx of 35:65 Poz "B" cement w/ 6% Gel, 5 pps Gilsonite, & 1/4 pps Celloflake (12.9 ppg, 1.85 cu.ft./sx)
Tail - 100 sx of Class "G" cement w/ 5 pps Gilsonite (14.8 ppg, 1.33 cu.ft./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 and vertical depths. Give blowout preventer program, if any.

24. SIGNED: Gary L. Markestad TITLE Gary L. Markestad, P.E. VP Production DATE: Jan. 4, 1999

(This space for Federal or State office use)

Permit Number:

Approval Date:

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

CONDITIONS OF APPROVAL, IF ANY

APPROVED BY /s/ Duane W. Spencer

TITLE

DATE FEB 10 1999

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.

* See Instruction on Reverse Side

Handwritten initials

NMOCD

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

RECEIVED
BEM

☐ AMENDED REPORT

93 JAN -5 AM 7:50

WELL LOCATION AND ACREAGE DEDICATION PLAT, NM

*API Number 30-045-29779		*Pool Code 71599	*Pool Name BASIN DAKOTA
*Property Code 22756	*Property Name KUTZ FEDERAL		*Well Number 12E
*GRID No. 167067	*Operator Name CROSS TIMBERS OPERATING COMPANY		*Elevation 5934'

¹⁰ Surface Location

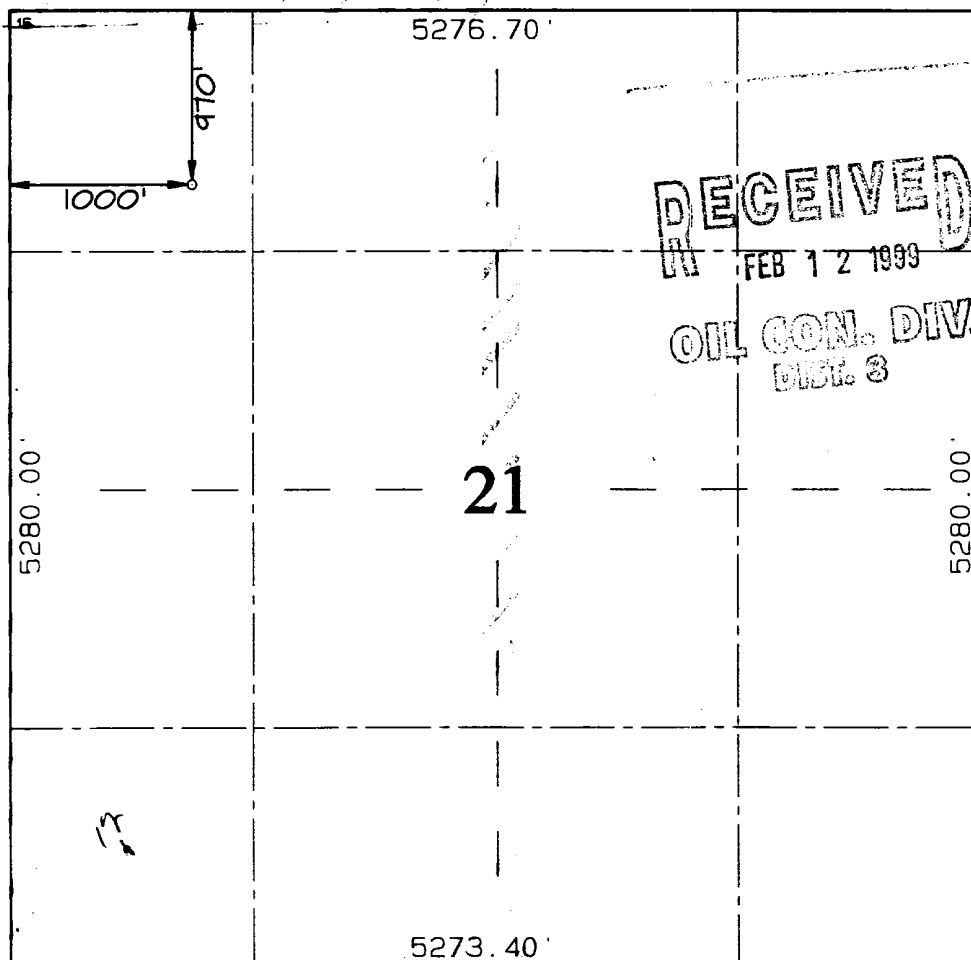
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	21	28N	10W		970	NORTH	1000	WEST	SAN JUAN

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 320	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

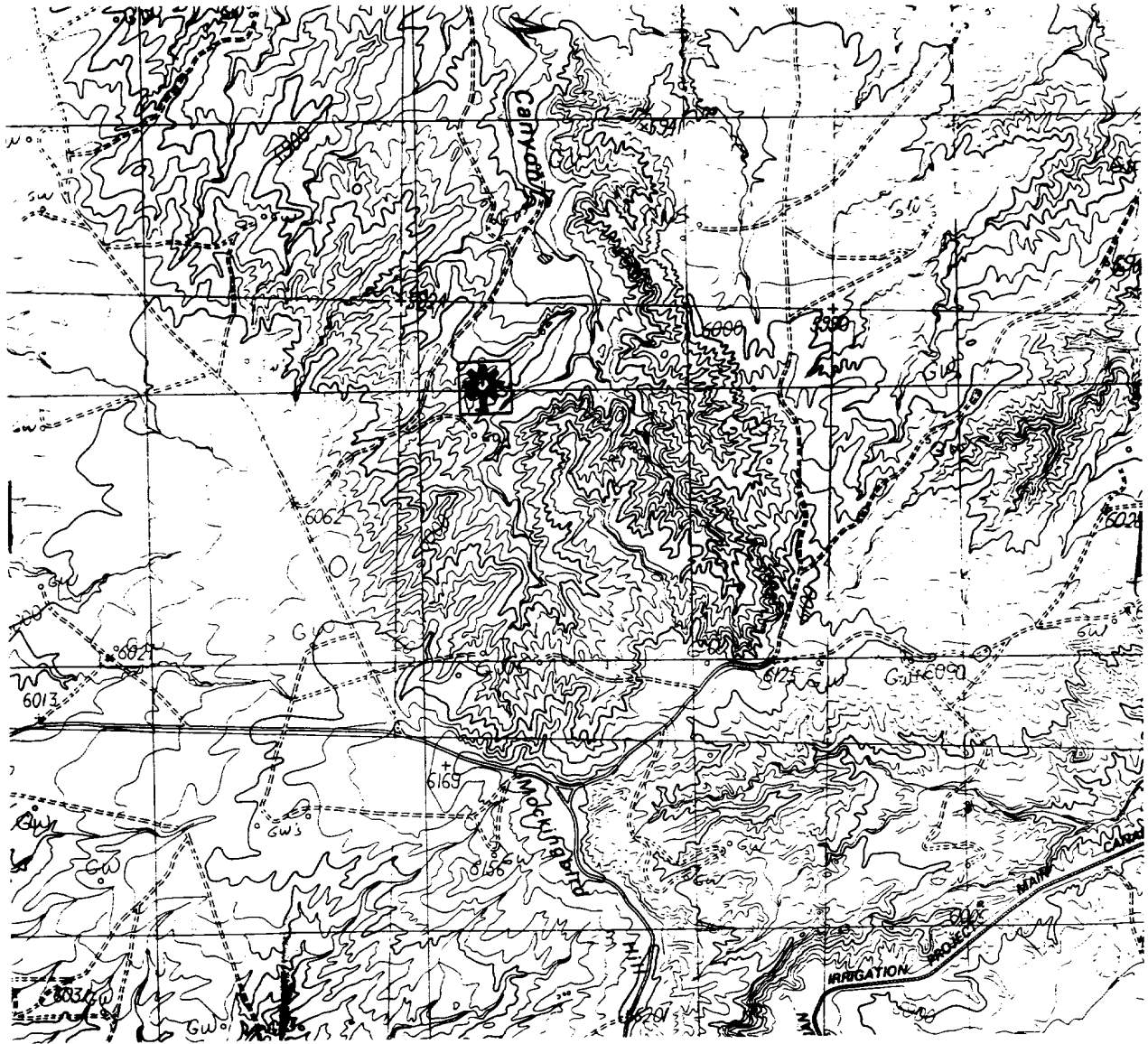
		<p>¹⁷ OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p>Signature <u>Gary L. Markestad</u></p> <p>Printed Name Gary L. Markestad</p> <p>Vice-President / Production</p> <p>Title</p> <p>Date <u>10/22/98</u></p> <p>¹⁸ SURVEYOR CERTIFICATION</p> <p>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.</p> <p>OCTOBER 12, 1998</p> <p>Date of Survey</p> <p>Signature and Seal of <u>NEALE C. EDWARDS</u></p> <p>6857</p> <p>Certificate <u>NEALE C. EDWARDS</u></p>
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CROSS TIMBERS OPERATING COMPANY

KUTZ FEDERAL #12E

970' FNL- 1000' FWL, Sec. 21, T28N-R10W

Proposed Basin Dakota Well



USGS Bloomfield, New Mexico, CO // 7.5' Series // Scale 1:24000