

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTSubmit in Triplicate*
(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 <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NOO-C-14-20-3606
1b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> Single <input checked="" type="checkbox"/> Multiple <input type="checkbox"/> Zone Zone		6. IF INDIAN, ALLOTTEE OR TRIBE NAME NAVAJO NATION ALLOTTEE
2. NAME OF OPERATOR CROSS TIMBERS OPERATING COMPANY <i>167067</i>		7. UNIT AGREEMENT NAME CA - SW1099
3. ADDRESS AND TELEPHONE NO. 6001 HIGHWAY 64, FARMINGTON, NM 87401 505-632-5200 Gary Markestad		8. FARM OR LEASE NAME, WELL NO. CANYON #2E <i>22669</i>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At Surface: 1190' FNL - 1460' FWL At proposed prod. zone>		9. API WELL NO. <i>30-045-29696</i>
14. DISTANCE IN MILES AND DIRECTIONS FROM NEAREST TOWN OR POST OFFICE* Approximately 9 miles from southern edge of Bloomfield New Mexico city limits. Please see Surface Use Program for further details.		10. FIELD AND POOL, OR WILDCAT BASIN DAKOTA <i>71599</i>
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. Unit line, if any.) 1190' FNL	16. NO. OF ACRES IN LEASE 160	11. SEC., T., R., OR BLK AND SURVEY OR AREA SEC. 9, T25N-R11W
18. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING, COMPLETED OR APPLIED 3, ON THIS LEASE, FT. 1730' FSL - 790' FWL	19. PROPOSED DEPTH 6200'	12. COUNTY OR PARISH 13. STATE SAN JUAN NM
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6436'		17. NO. OF ACRES ASSIGNED TO THIS WELL 320
		20. ROTARY OR CABLE TOOLS ROTARY
		22. APPROX. DATE WORK WILL START* A.S.A.P.

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24# / J-55	300'	225 sx
7-7/8"	4-1/2"	10.5# / J-55	6320'	800 sx

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

Please see the attached drilling, surface casing, production casing and Surface Use Programs as outlined by Cross
Timbers Operating Company for further details.

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

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 - V.P. Production - Cross Timbers** DATE: **09/03/98**

(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

TITLE

DATE

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

NMCCD

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

State of New Mexico
Energy, Minerals & Natural Resources Department

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

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

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

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

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

48 SEP -3 PM 2:13 AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-045-29696	Pool Code 71599	Pool Name BASIN DAKOTA
Property Code 022669	Property Name CANYON	Well Number 2E
GRID No. 167067	Operator Name CROSS TIMBERS OPERATING COMPANY	Elevation 6436'

10 Surface Location

UL or lot no. B	Section 9	Township 25N	Range 11W	Lot Idn	Feet from the 1190	North/South line NORTH	Feet from the 1460	East/West line EAST	County SAN JUAN
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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		Joint or Infill		Consolidation Code		Order No.			

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

2630.76'	2640.66'	1190'	1460'	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief Signature GARY L. MARKESTAD Printed Name VICE PRESIDENT - PRODUCTION Title 09-02-98 Date
5269.44'	5304.42'	9		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. JULY 25, 1998 Date of Survey Signature and Seal of Professional Surveyor NEALE C. EDWARDS NEW MEXICO 8857 Certification Number
2637.36'	2653.20'			

CROSS TIMBERS OPERATING COMPANY

CANYON #2E 1190' - 1450' FEL

SEC. 9, T25N-R11W SAN JUAN COUNTY, NM

