

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTSubmit 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 <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. SF-078019
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
2. NAME OF OPERATOR Cross Timbers Operating Company		7. UNIT AGREEMENT NAME
3. ADDRESS AND TELEPHONE NO. 6001 Highway 64, Farmington, NM 87401 915/682-8873 Mark Gosch		8. FARM OR LEASE NAME, WELL NO. E. H. PIPKIN #31 22853
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At Surface: 2510' FEL - 555' FEL At proposed prod. zone>		9. API WELL NO. 30-045-29774
14. DISTANCE IN MILES AND DIRECTIONS FROM NEAREST TOWN OR POST OFFICE* Please see attached Surface Use Program.		10. FIELD AND POOL, OR WILDCAT Fruitland Coal
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. Unit line, if any.) 555'	16. NO. OF ACRES IN LEASE	11. SEC., T., R., OR BLK AND SURVEY OR AREA Sec. 35, T28N-R11W
18. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING, COMPLETED OR APPLIED FOR, ON THIS LEASE, FT. 1320'	19. PROPOSED DEPTH 1700' 1900' This section is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4.	12. COUNTY OR PARISH San Juan County
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5836' G.L.		13. STATE NM
17. NO. OF ACRES ASSIGNED TO THIS WELL E/2 - 320		
20. ROTARY OR CABLE TOOLS Rotary		22. APPROX. DATE WORK WILL START* 1/99

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	23#	125'	100 sx
6-1/4"	4-1/2", J055	10.5#	1700' 1900'	200 sx 225

Surface 7", 23#, J-55, STC casing at 125'.
100 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 1,700'
Lead - 100 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 "B" cement w/ 5 pps Gilsonite, & 1/4 pps Celloflake (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

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

District II
PO Drawer DD, 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

API Number 30-045-29774		Pool Code 71629	Pool Name BASIN FRUITLAND COAL
Property Code 22853	Property Name E.H. PIPKIN		Well Number 31
GRID No. 167067	Operator Name CROSS TIMBERS OPERATING COMPANY		Elevation 5836'

10 Surface Location

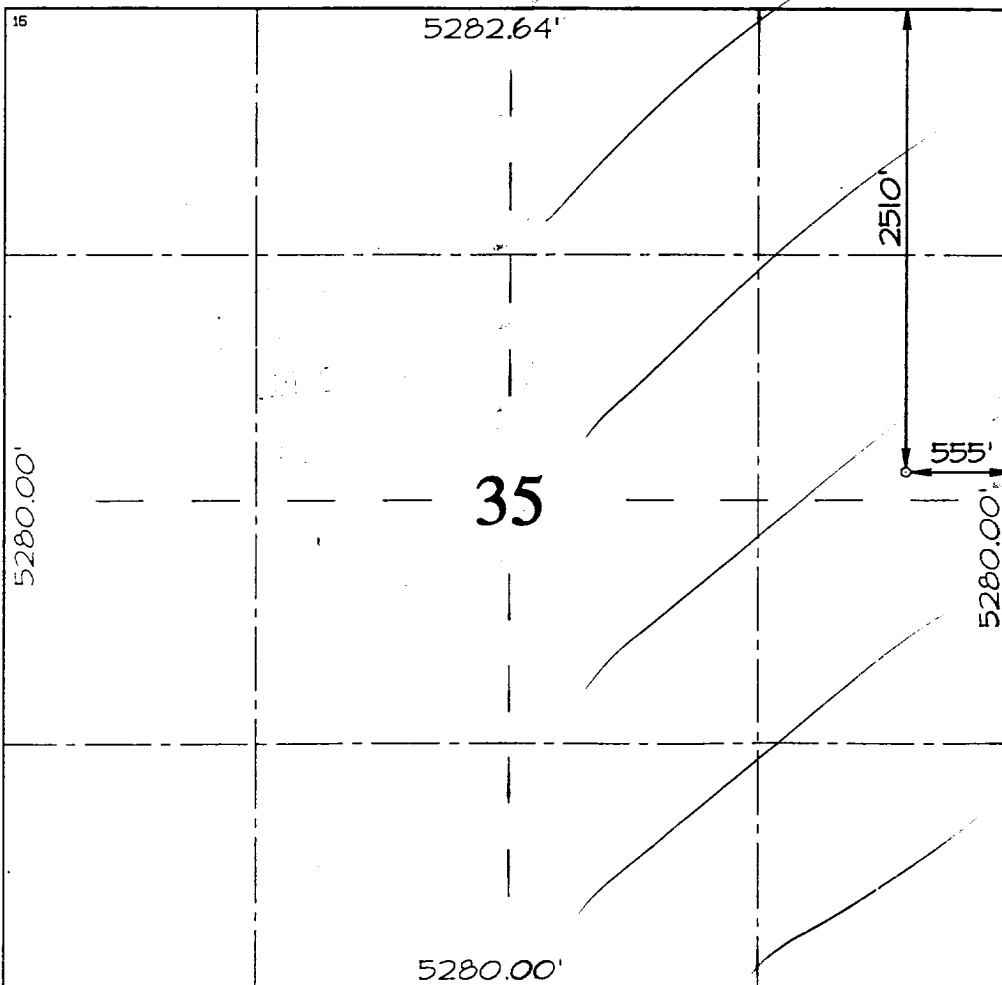
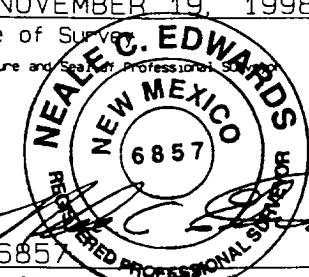
UL or lot no. H	Section 35	Township 28N	Range 11W	Lot Idn	Feet from the 2510	North/South line NORTH	Feet from the 555	East/West line EAST	County SAN JUAN
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11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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12 Dedicated Acres 320 6/2	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

	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature: <i>Gary L. Markestad</i> Printed Name: Gary L. Markestad Title: Vice-President / Production Date: 1/4/99
	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. NOVEMBER 19, 1998 Date of Survey Signature and Seal of Professional Surveyor  Certificate Number: 6857

