

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-101
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address. Cross Timbers Operating Company 3000 N. Garfield, Suite 175 Midland, Texas 79705		² OGRID Number 005380
		³ API Number 30-025-33469
⁴ Property Code 20252	⁵ Property Name McNeill	⁶ Well No. 1

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	22	19S	38E		1980	South	1980	East	Lea

⁸ Proposed 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
⁹ Proposed Pool 1 Nadine Tubb					¹⁰ Proposed Pool 2				

¹¹ Work Type Code P	¹² Well Type Code O	¹³ Cable/Rotary -	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3595'
¹⁶ Multiple No	¹⁷ Proposed Depth 6749'	¹⁸ Formation Tubb	¹⁹ Contractor -	²⁰ Spud Date 5/97

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17-1/2"	13-3/8"	48	375'	415	Surface
11"	8-5/8"	32	4320'	2200	Surface
7-7/8"	7"	29	7665'	650	

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

1. Rig up pulling unit. Install tubinghead & double ram BOP.
2. Run GR/CCL correlation log fr/PBTD-4000'.
3. Perforate Tubb zone fr/6635' - 6749'.
4. Acidize Tubb perms w/2000 gals 15% NEFF HCl acid & ball sealers.
5. Frac Tubb perms w/36,000 gals x-linked gel carrying 155,000# 20/40 Ottawa sand.
6. Run prod tbg, rods & pmp. Rig down pulling unit.

Permit Expires 1 Year from Approval Date Unless Drilling Underway Plugback

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Ray F. Martin</i>		OIL CONSERVATION DIVISION	
Printed name: Ray F. Martin		Approved by: <i>Paul Kautz</i>	
Title: Operations Engineer		Title: Geologist	
Date: 4-30-97		Approval Date:	Expiration Date:
Phone: 915-682-8873		Conditions of Approval: Attached <input type="checkbox"/>	