

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-101
Revised October 18, 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 - 0 25-30804
⁴ Property Code 019972	⁵ Property Name Nadine 27	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
I	27	19S	38E		2,310	South	330	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 3,593'
¹⁶ Multiple No	¹⁷ Proposed Depth 6,722'	¹⁸ Formation Tubb	¹⁹ Contractor ---	²⁰ Spud Date 4/97

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12-1/4"	8-5/8"	24	1,646'	850	Surface
7-7/8"	5-1/2"	17 & 15.5	7,746' *	1,200	
			*DVT @ 4,996'		

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 double ram BOP. POH w/rods, pmp & prod tbg.
2. Set CIBP @ 7,245' above Abo perfs fr/7,292'-7,650' w/35' cement cap.
3. Perforate Tubb 4 JSPF 6,636'-6,648' & 6,720'-6,722'.
4. Acidize Tubb perfs w/1,650 gals 15% NEFE HCL acid & ball sealers.
5. Frac Tubb perfs w/36,000 X-linked gel carrying 155,000# 20/40 Ottawa sand.
6. Run prod tbg, rods & pmp. Rig down pulling unit.

Permit Expires 1 Year
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: <u>Ray F. Martin</u>		OIL CONSERVATION DIVISION	
Printed name: <u>Ray F. Martin</u>		Approved by: <u>ORIGINAL SIGNATURE</u>	
Title: <u>Operations Engineer</u>		Title: <u>---</u>	
Approval Date: <u>4-24-97</u>		Expiration Date: <u>---</u>	