

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

|   |   |  |
|---|---|--|
| <sup>1</sup> Operator Name and Address.<br>Cross Timbers Operating Company<br>3000 N. Garfield, Suite 175<br>Midland, Texas 79705 |   | <sup>2</sup> OGRID Number<br>005380        |
|   |   | <sup>3</sup> API Number<br>30 - 0 25-30804 |
| <sup>4</sup> Property Code<br>019972  | <sup>5</sup> Property Name<br>Nadine "27" | <sup>6</sup> Well No.<br>1                 |

<sup>7</sup> 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    |

<sup>8</sup> 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 |
|---|---------|----------|-------|---------|-------------------------------|------------------|---------------|----------------|--------|
| <sup>9</sup> Proposed Pool 1<br>Nadine Blinebry |         |          |       |         | <sup>10</sup> Proposed Pool 2 |                  |               |                |        |

|                                   |   |                                     |                                    |  |
|-----------------------------------|---|-------------------------------------|------------------------------------|--|
| <sup>11</sup> Work Type Code<br>P | <sup>12</sup> Well Type Code<br>0       | <sup>13</sup> Cable/Rotary          | <sup>14</sup> Lease Type Code<br>P | <sup>15</sup> Ground Level Elevation<br>3,593' |
| <sup>16</sup> Multiple<br>No      | <sup>17</sup> Proposed Depth<br>±6,273' | <sup>18</sup> Formation<br>Blinebry | <sup>19</sup> Contractor           | <sup>20</sup> Spud Date                        |

<sup>21</sup> 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') |                 |               |
|           |             |                    |                |                 |               |
|           |             |                    |                |                 |               |

<sup>22</sup> 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 above existing perms.
  3. Perforate Blinebry fr/6,230'-6,273'. Acidize 1800 gals 15% NEFE HCl acid & ball sealers.
  4. Swab test. If wet, set CIBP over perms.
  5. Perforate Blinebry 5,984'- 6,082'.
  6. Acidize Blinebry perms w/1,600 gals 15% NEFE HCl acid & ball sealers.
- \* See Attached.

Permit Expires 1 Year From Approval

Date Unless Drilling Underway

Plug back

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: Ray F. Martin

Printed name: Ray F. Martin

Title: Operations Engineer

Date: 7-17-97

Phone: 915-682-8873

OIL CONSERVATION DIVISION

Approved by: ORIGINAL SIGNED BY CHRIS WILLIAMS  
DISTRICT I SUPERVISOR

Title:

Approval Date:

Expiration Date:

Conditions of Approval:

Attached ☐