

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

<sup>1</sup> Operator Name and Address Cross Timbers Operating Company 3000 North Garfield, Suite 175 Midland, TX 79705		<sup>2</sup> OGRID Number 005380
		<sup>3</sup> API Number 30 - 025-05978
<sup>4</sup> Property Code 003341	<sup>5</sup> Property Name Bertha J. Barber	<sup>6</sup> Well No. 12

<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
A	7	20S	37E		330	N	660	E	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 Monument Abo					<sup>10</sup> Proposed Pool 2 Monument Tubb				

<sup>11</sup> Work Type Code D	<sup>12</sup> Well Type Code O	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type Code P	<sup>15</sup> Ground Level Elevation 3557
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 7530	<sup>18</sup> Formation Abo	<sup>19</sup> Contractor Norton Drlg Co.	<sup>20</sup> Spud Date 11-18-98

<sup>21</sup>Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
6-1/4"	4-1/2"	11.6#	7528	365	5315' (actual)

<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.

Well history: Well was drilled in 1953 by Sinclair Oil & Gas Co. The Barber #12 is currently SI. It has 13-3/8" casing set @ 899' w/cement circulated to surface; 9-5/8" casing set @ 2898' w/TOC @ 780' and 7" casing set @ 5250' w/TOC @ 3105'. The Paddock formation was perforated from 5148'-5186'.

Proposed activity: Rig up drilling rig w/double BOP stack. Drill out cement and 7" shoe w/a 6-1/4" bit and continue drilling new formation to TD @ 7530'. Anticipated formation tops are Blinbry @ 5610'; Tubb @ 6300'; Drinkard @ 6520' and Abo @ 7100'. Set 4-1/2" casing @ TD and cement.

Cross Timbers will attempt to complete in the Abo formation. If unsuccessful, a completion in the Tubb formation will be attempted. Verbal approval on 12/14/98 by Chris Williams with the NMOCD for location and elevation change back to 1953 survey.

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

Signature: *Mark A. Gosch*  
Printed name: Mark A. Gosch 915/682-8873  
Title: Drilling Engineer Date: 12/15/98

OIL CONSERVATION DIVISION

Approved By:

Title:

Approval Date:

Expiration Date:

Permit Expires 1 Year From Approval

Date Unless Drilling Underway

Deborah