

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. <b>TMBR/Sharp Drilling, Inc. P. O. Drawer 10970 Midland, TX 79702</b>		<sup>2</sup> OGRID Number <b>036554</b>
		<sup>3</sup> API Number <b>30-025-35257</b> <del>30-0</del>
<sup>4</sup> Property Code <b>24469</b>	<sup>5</sup> Property Name <b>Blue Fin "24"</b>	<sup>6</sup> Well No. <b>1</b>

<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	Count
M	24	16S	35E		660	West	760	South	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	Coun
<sup>9</sup> Proposed Pool 1 <b>Townsend (Morrow)</b>					<sup>10</sup> Proposed Pool 2				

<sup>11</sup> Work Type Code <b>N</b>	<sup>12</sup> Well Type Code <b>G</b>	<sup>13</sup> Cable/Rotary <b>R</b>	<sup>14</sup> Lease Type Code <b>P</b>	<sup>15</sup> Ground Level Elevation <b>-3956 3964</b>
<sup>16</sup> Multiple <b>No</b>	<sup>17</sup> Proposed Depth <b>12,800'</b>	<sup>18</sup> Formation <b>Morrow</b>	<sup>19</sup> Contractor <b>TMBR/Sharp</b>	<sup>20</sup> Spud Date <b>11/19/00</b>

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

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17½"	13¾"	48	450	440	Surface
11"	8¾"	32	5,000	1,800	Surface
7¾"	5½"	17	12,800	1,200	4,800

<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.

It is proposed to drill a 17½" hole to ±450' with FW, set 13¾" casing and cement casing back to surface. An 11" intermediate hole will then be drilled to ±5,000' w/brine-cut brine system and an 8¾" casing string will be set and cemented back to surface. A 3000 psi annular preventer and 3000 psi dual ram BOP will be used on the intermediate hole. A 7¾" hole will be drilled to an approximate TD of 12,800' w/FW mud. The 5½" casing will be set at TD and cemented back to the intermediate casing at 5,000'. A 3000 psi annular preventer and a 5000 psi dual ram BOP will be used on the 7¾" hole. Mud up will occur between 9,000' and 11,000' and several DST's are planned.

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

Signature:

Printed name: **Jeffrey D. Phillips**

Title: **Vice President**

Date: **November 16, 2000**

Phone: (915) 699-5050

OIL CONSERVATION DIVISION

Approved by: **ORIGINAL SIGNED BY**

Title:

Approval Date: **NOV 22 2000** Expiration Date:

Conditions of Approval :

Attached ☐

Permit Expires 1 Year From Approval  
Date Unless Drilling Underway

**C-101 Instructions**

Measurements and dimensions are to be in feet/inches. Well locations will refer to the New Mexico Principal Meridian.

IF THIS IS AN AMENDED REPORT CHECK THE BOX LABELED  
"AMENDED REPORT" AT THE TOP OF THIS DOCUMENT.

- |          |  |    |  |   |                             |   |                         |   |                    |   |                |   |            |   |                   |   |                     |
|----------|--|----|--|---|-----------------------------|---|-------------------------|---|--------------------|---|----------------|---|------------|---|-------------------|---|---------------------|
| 1        | Operator's OGRID number. If you do not have one it will be assigned and filled in by the District office.  | 18 | Geologic formation at TD   |   |                             |   |                         |   |                    |   |                |   |            |   |                   |   |                     |
| 2        | Operator's name and address  | 19 | Name of the intended drilling company if known.  |   |                             |   |                         |   |                    |   |                |   |            |   |                   |   |                     |
| 3        | API number of this well. If this is a new drill the OCD will assign the number and fill this in.   | 20 | Anticipated spud date.   |   |                             |   |                         |   |                    |   |                |   |            |   |                   |   |                     |
| 4        | Property code. If this is a new property the OCD will assign the number and fill it in.  | 21 | Proposed hole size ID inches, proposed casing OD inches, casing weight in pounds per foot, setting depth of the casing or depth and top of liner, proposed cementing volume, and estimated top of cement |   |                             |   |                         |   |                    |   |                |   |            |   |                   |   |                     |
| 5        | Property name that used to be called 'well name'   | 22 | Brief description of the proposed drilling program and BOP program. Attach additional sheets if necessary.   |   |                             |   |                         |   |                    |   |                |   |            |   |                   |   |                     |
| 6        | The number of this well on the property.   | 23 | The signature, printed name, and title of the person authorized to make this report. The date this report was signed and the telephone number to call for questions about this report.                   |   |                             |   |                         |   |                    |   |                |   |            |   |                   |   |                     |
| 7        | The surveyed location of this well New Mexico Principal Meridian NOTE: If the United States government survey designates a Lot Number for this location use that number in the 'UL or lot no.' box. Otherwise use the OCD Unit Letter.   |    |  |   |                             |   |                         |   |                    |   |                |   |            |   |                   |   |                     |
| 8        | The proposed bottom hole location of this well at TD   |    |  |   |                             |   |                         |   |                    |   |                |   |            |   |                   |   |                     |
| 9 and 10 | The proposed pool(s) to which this well is beeing drilled.   |    |  |   |                             |   |                         |   |                    |   |                |   |            |   |                   |   |                     |
| 11       | Work type code from the following table:<br><table border="0"> <tbody> <tr> <td>N</td> <td>New well</td> </tr> <tr> <td>E</td> <td>Re-entry</td> </tr> <tr> <td>D</td> <td>Drill deeper</td> </tr> <tr> <td>P</td> <td>Plugback</td> </tr> <tr> <td>A</td> <td>Add a zone</td> </tr> </tbody> </table>   |    |  | N | New well                    | E | Re-entry                | D | Drill deeper       | P | Plugback       | A | Add a zone |   |                   |   |                     |
| N        | New well   |    |  |   |                             |   |                         |   |                    |   |                |   |            |   |                   |   |                     |
| E        | Re-entry   |    |  |   |                             |   |                         |   |                    |   |                |   |            |   |                   |   |                     |
| D        | Drill deeper   |    |  |   |                             |   |                         |   |                    |   |                |   |            |   |                   |   |                     |
| P        | Plugback   |    |  |   |                             |   |                         |   |                    |   |                |   |            |   |                   |   |                     |
| A        | Add a zone   |    |  |   |                             |   |                         |   |                    |   |                |   |            |   |                   |   |                     |
| 12       | Well type code from the following table:<br><table border="0"> <tbody> <tr> <td>O</td> <td>Single oil completion</td> </tr> <tr> <td>G</td> <td>Single gas completion</td> </tr> <tr> <td>M</td> <td>Mutiple completion</td> </tr> <tr> <td>I</td> <td>Injection well</td> </tr> <tr> <td>S</td> <td>SWD well</td> </tr> <tr> <td>W</td> <td>Water supply well</td> </tr> <tr> <td>C</td> <td>Carbon dioxide well</td> </tr> </tbody> </table> |    |  | O | Single oil completion       | G | Single gas completion   | M | Mutiple completion | I | Injection well | S | SWD well   | W | Water supply well | C | Carbon dioxide well |
| O        | Single oil completion  |    |  |   |                             |   |                         |   |                    |   |                |   |            |   |                   |   |                     |
| G        | Single gas completion  |    |  |   |                             |   |                         |   |                    |   |                |   |            |   |                   |   |                     |
| M        | Mutiple completion   |    |  |   |                             |   |                         |   |                    |   |                |   |            |   |                   |   |                     |
| I        | Injection well   |    |  |   |                             |   |                         |   |                    |   |                |   |            |   |                   |   |                     |
| S        | SWD well   |    |  |   |                             |   |                         |   |                    |   |                |   |            |   |                   |   |                     |
| W        | Water supply well  |    |  |   |                             |   |                         |   |                    |   |                |   |            |   |                   |   |                     |
| C        | Carbon dioxide well  |    |  |   |                             |   |                         |   |                    |   |                |   |            |   |                   |   |                     |
| 13       | Cable or rotary drilling code<br><table border="0"> <tbody> <tr> <td>C</td> <td>Propose to cable tool drill</td> </tr> <tr> <td>R</td> <td>Propose to rotary drill</td> </tr> </tbody> </table>  |    |  | C | Propose to cable tool drill | R | Propose to rotary drill |   |                    |   |                |   |            |   |                   |   |                     |
| C        | Propose to cable tool drill  |    |  |   |                             |   |                         |   |                    |   |                |   |            |   |                   |   |                     |
| R        | Propose to rotary drill  |    |  |   |                             |   |                         |   |                    |   |                |   |            |   |                   |   |                     |
| 14       | Lease type code from the following table:<br><table border="0"> <tbody> <tr> <td>S</td> <td>State</td> </tr> <tr> <td>P</td> <td>Private</td> </tr> </tbody> </table>  |    |  | S | State                       | P | Private                 |   |                    |   |                |   |            |   |                   |   |                     |
| S        | State  |    |  |   |                             |   |                         |   |                    |   |                |   |            |   |                   |   |                     |
| P        | Private  |    |  |   |                             |   |                         |   |                    |   |                |   |            |   |                   |   |                     |
| 15       | Ground level elevation above sea level   |    |  |   |                             |   |                         |   |                    |   |                |   |            |   |                   |   |                     |
| 16       | Intend to mutiple complete? Yes or No  |    |  |   |                             |   |                         |   |                    |   |                |   |            |   |                   |   |                     |
| 17       | Proposed total depth of this well  |    |  |   |                             |   |                         |   |                    |   |                |   |            |   |                   |   |                     |

