

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II  
P.O. 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 and 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>Great Western Drilling<br>c/o Walsh Engineering, 7415 E. Main St., Farmington, NM 87402 (505) 327-4892 |   | <sup>2</sup> OGRID Number<br>009338     |
| <sup>4</sup> Property Code<br>1775   | <sup>5</sup> Property Name<br>J.E. Decker | <sup>3</sup> API Number<br>30-045-30700 |
|  |   | <sup>6</sup> Well No.<br>1C             |

<sup>7</sup> Surface Location

| U.L. or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South Line | Feet from the | East/West Line | County   |
|-----------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|----------|
| J               | 7       | 32N      | 11W   |         | 2055          | South            | 1675          | East           | San Juan |

<sup>8</sup> Proposed Bottom Hole Location If Different From Surface

| U.L. 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>Blanco Mesa Verde |         |          |       |         | <sup>10</sup> Proposed Pool 2 |                  |               |                |        |

|                                   |                                       |                                   |                                    |   |
|-----------------------------------|---------------------------------------|-----------------------------------|------------------------------------|---|
| <sup>11</sup> Work Type Code<br>N | <sup>12</sup> Well Type Code<br>G     | <sup>13</sup> Cable/Rotary<br>R   | <sup>14</sup> Lease Type Code<br>P | <sup>15</sup> Ground Level Elevation<br>6616' - |
| <sup>16</sup> Multiple<br>N       | <sup>17</sup> Proposed Depth<br>5850' | <sup>18</sup> Formation<br>Mancos | <sup>19</sup> Contractor           | <sup>20</sup> Spud Date<br>July 1, 2001         |

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

| Hole Size | Casing Size | Casing weight/feet | Setting Depth | Sacks of Cement | Estimated TOC |
|-----------|-------------|--------------------|---------------|-----------------|---------------|
| 12-1/4"   | 9-5/8"      | 36#                | 200'          | 165             | Surface       |
| 8-3/4"    | 7"          | 20#                | 3530          | 365 + 190       | Surface       |
| 6-1/4"    | 4-1/2"      | 10.5#              | 5850'         | 145 + 145       | 3430'         |
|           |             |                    |               |                 |               |
|           |             |                    |               |                 |               |

<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.

Great Western Drilling proposes to drill a vertical well with a 12-1/4" surface hole to approx. 200' with spud mud and set and cement to surface 9-5/8", 36# casing with 110 sx (130 cu.ft.) of CI "B" with 2% CaCl<sub>2</sub> and 1/4#/sk CF. A double ram, 2000 psi rated BOP will be installed and pressure tested to 1500 psi. A 8-3/4" hole will be drilled using a fresh water - polymer mud system to approx. 3530'. 7", 20# casing will be set and cemented to surface with 365 sx (752 cu.ft.) of CI "B" 65/35 poz with 10% gel, 2% CaCl<sub>2</sub>, and 1/4#/sk CF and 190 sx (276 cu.ft.) CI "B" 50/50 poz with 4% gel, 0.4% FL, 2% CaCl<sub>2</sub>, and 1/4#/sk CF. The 6-1/4" production hole will be drilled with air to approx. 5850'. Open hole IND/GR and SNL/CDL logs will be run. A 4-1/2", 10.5# liner will be set from TD to approx. 3430' (at least 100' of overlap into the 7") and cemented with 145 sx (210 cu.ft) of CI "B" 50/50 poz w/ 4% gel, 0.4% FL and 1/4#/sk CF and 145 sx ( 210 cu.ft.) of CI "B" 50/50 poz w/ 4% gel, 0.4% FL and 1/4#/sk CF, 2% CaCl<sub>2</sub>, and 4% phenoseal. Surveys will be run every 500'.

All of Section 7 (332.27 acres), which is an irregular shaped section, is dedicated to this well.

Formation Tops: PC - 3227', Lewis - 3330', CH - 5091', Men. - 5194', PL - 5532'.

<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:

Paul C. Thompson, P.E.

Title:

Agent

Date:

06/14/01

Phone:

(505) 327-4892

OIL CONSERVATION DIVISION

Approved by:

Title:

DEPUTY OIL & GAS INSPECTOR, DIST. 4

Approval Date:

JUN 18 2001

Expiration Date:

JUN 18 2002

Conditions of Approval

Attached ☐

District I  
PO Box 1980, Hobbs, NM 88241-1980

District II  
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State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

Form C-102

Revised February 21, 1994

Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                            |  |                     |                                |
|----------------------------|--|---------------------|--------------------------------|
| *API Number<br>30045-30700 |  | *Pool Code<br>72319 | *Pool Name<br>BLANCO MESAVERDE |
| *Property Code<br>4775     | *Property Name<br>J.E. DECKER            |                     | *Well Number<br>1C             |
| *OGRID No.<br>009338       | *Operator Name<br>GREAT WESTERN DRILLING |                     | *Elevation<br>6616'            |

<sup>10</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   |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|----------|
| J             | 7       | 32N      | 11W   |         | 2055          | SOUTH            | 1675          | EAST           | SAN JUAN |

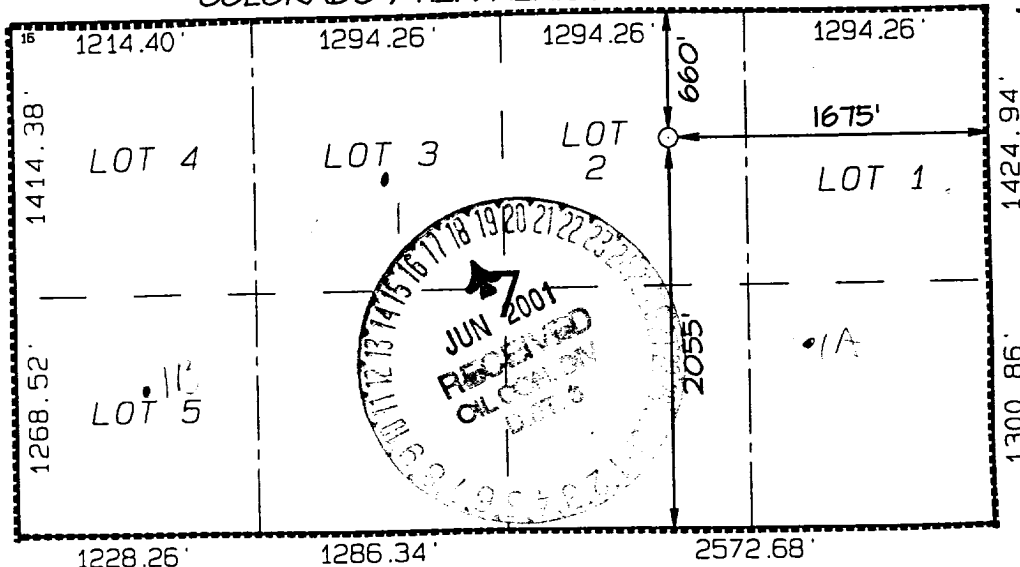
<sup>11</sup> Bottom Hole Location If Different From Surface

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
|               |         |          |       |         |               |                  |               |                |        |

|   |                                    |                                  |                         |
|---|------------------------------------|----------------------------------|-------------------------|
| <sup>12</sup> Dedicated Acres<br>All Sec. 7 332.264 | <sup>13</sup> Joint or Infill<br>I | <sup>14</sup> Consolidation Code | <sup>15</sup> Order No. |
|---|------------------------------------|----------------------------------|-------------------------|

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

COLORADO / NEW MEXICO STATE-LINE



<sup>17</sup> OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*Paul C. Thompson*  
Signature  
Paul C. Thompson  
Printed Name  
Agent  
Title  
6/14/01  
Date

<sup>18</sup> SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

JUNE 11, 2001  
Date of Survey  
Signature and Seal of Professional Surveyor  
*Neale C. Edwards*  
NEALE C. EDWARDS  
NEW MEXICO  
6857  
Certificate 6857

GREAT WESTERN DRILLING J.E. DECKER #1C  
2055' FSL & 1675' FEL, SECTION 7, T32N, R11W, N.M.P.M.  
SAN JUAN COUNTY, NEW MEXICO

