

District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
811 S. 1st Street, Artesia, NM 88210-2834  
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, 1999  
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>ARCO PERMIAN<br>P.O. BOX 1610<br>MIDLAND, TX 79702 |   | <sup>2</sup> OGRID Number<br>000990       |
| <sup>4</sup> Property Code<br>22954  | <sup>5</sup> Property Name<br>WASHINGTON "33" STATE | <sup>3</sup> API Number<br>30-0 015-01690 |
|  |   | <sup>6</sup> Well No.<br>25               |

<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 |
|---------------|---------|----------|-------|----------|---------------|------------------|---------------|----------------|--------|
| N             | 33      | 17S      | 28E   |          | 660           | SOUTH            | 1980          | WEST           | EDDY   |

<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>Glorieta<br>ARTESIA (YESO) 96830 |         |          |       |          | <sup>10</sup> Proposed Pool 2<br>Artesia (Q-G-SA) 3230 |                  |               |                |        |

|                                      |                                      |                                 |                                    |   |
|--------------------------------------|--------------------------------------|---------------------------------|------------------------------------|---|
| <sup>11</sup> Work Type Code<br>PB R | <sup>12</sup> Well Type Code<br>0    | <sup>13</sup> Cable/Rotary<br>R | <sup>14</sup> Lease Type Code<br>S | <sup>15</sup> Ground Level Elevation<br>3668' |
| <sup>16</sup> Multiple<br>NO         | <sup>17</sup> Proposed Depth<br>4200 | <sup>18</sup> Formation<br>YESO | <sup>19</sup> Contractor           | <sup>20</sup> Spud Date<br>7/98               |

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

| Hole Size | Casing Size | Casing weight/foot | Setting Depth | Sacks of Cement | Estimated TOC |
|-----------|-------------|--------------------|---------------|-----------------|---------------|
| 11        | 8-5/8       | 24#                | 1000'         | 650             | SURF          |
| 7-7/8     | 4-1/2       | 9.5                | 6355'         | 1000            | 840'          |
|           |             |                    |               |                 |               |
|           |             |                    |               |                 |               |
|           |             |                    |               |                 |               |

<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.

ORIGINALLY DRILLED AND COMPLETED AS THE SINCLAIR OIL CO. M. YATES "B" ARC #6 IN 1960. TD @ 6355'.  
LATER THE WELL BECAME PART OF THE EMPIRE ABO UNIT WELL #H-40. THE WELL PRODUCED FROM THE ABO  
PERFS 6057'-6275' UNTIL TA'D W/CIBP @ 6116' ON 6-13-91.  
WE WILL DUMP 35' CEMENT ON CIBP @ 6116', RUN CNL-GAMMA RAY-CCL AND PERF YESO (PROPOSED PERFS 3770-4118')  
AS INDICATED BY LOG. TEST AND FRAC AS NEEDED.

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

Signature: *Elizabeth A. Casbeer*

Printed name: ELIZABETH A. CASBEER

Title: REGULATORY COMPLIANCE ANALYST

OIL CONSERVATION DIVISION

Approved by: ORIGINAL SIGNED BY TIM W. GUE  
DISTRICT II SUPERVISOR

Title:

Approval Date: 8-20-98

Expiration Date: 8-20-99

DISTRICT I  
P.O. Box 1680, Hobbs, NM 88241-1680

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV  
P.O. Box 2088, Santa Fe, N.M. 87504-2088

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised February 10, 1994  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                            |                                      |                             |
|----------------------------|--------------------------------------|-----------------------------|
| API Number<br>30-015-01690 | Pool Code                            | Pool Name<br>ARTESIA (YESO) |
| Property Code<br>22954     | Property Name<br>WASHINGTON 33 STATE | Well Number<br>25           |
| OGRID No.<br>000990        | Operator Name<br>ARCO PERMIAN        | Elevation<br>3668           |

Surface Location

|                    |               |                  |               |         |                      |                           |                       |                        |                |
|--------------------|---------------|------------------|---------------|---------|----------------------|---------------------------|-----------------------|------------------------|----------------|
| UL or lot No.<br>N | Section<br>33 | Township<br>17 S | Range<br>28 E | Lot Idn | Feet from the<br>660 | North/South line<br>SOUTH | Feet from the<br>1980 | East/West line<br>WEST | County<br>EDDY |
|--------------------|---------------|------------------|---------------|---------|----------------------|---------------------------|-----------------------|------------------------|----------------|

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 |
| Dedicated Acres<br>40 | Joint or Infill | Consolidation Code | 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

|       |      |     |
|-------|------|-----|
| 05    | 03   | 01  |
| 06    | 04   | 02  |
| 07    | 09   | 013 |
| 08    | 012  | 014 |
| 021   | 019  |     |
| 022   | 031  |     |
| 023   | 25   |     |
| 1980' | 660' |     |

OPERATOR CERTIFICATION

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

*Elizabeth A. Casbeer*  
Signature  
ELIZABETH A. CASBEER  
Printed Name  
REG/COMP.  
Title  
5/20/98  
Date

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.

MARCH 3, 1998

Date Surveyed  
Signature  
Professional Surveyor  
NEW MEXICO  
5-4-98  
3239  
88-11-038

Cert. No. RONALD J. McDONALD 3239  
12641  
12185

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8 Proposed Bottom Hole Location If Different From Surface

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|---|---------|----------|-------|---------|--------------------|------------------|---------------|----------------|--------|
| 9 Proposed Pool 1<br>ARTESIA GORRAN-Glorieta-Yeso |         |          |       |         | 10 Proposed Pool 2 |                  |               |                |        |

|                        |                           |                      |                         |                                    |
|------------------------|---------------------------|----------------------|-------------------------|------------------------------------|
| 11 Work Type Code<br>R | 12 Well Type Code<br>O    | 13 Cable/Rotary<br>R | 14 Lease Type Code<br>S | 15 Ground Level Elevation<br>3668' |
| 16 Multiple<br>NO      | 17 Proposed Depth<br>4200 | 18 Formation<br>YESO | 19 Contractor           | 20 Spud Date<br>7/98               |

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Printed name: ELIZABETH A. CASBEER

Title: REGULATORY COMPLIANCE ANALYST

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date: 8-17-98

Expiration Date: 8-17-99