

District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
PO Drawer DD, Artesa, NM 88211-0719  
District III  
1000 Rio Brazos Rd., Artesa, 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

|                                                                                        |  |                             |
|----------------------------------------------------------------------------------------|--|-----------------------------|
| Operator Name and Address:<br>OXY USA Inc.<br>P.O. Box 50250<br>Midland, TX 79710-0250 |  | OGRID Number<br>16696       |
| Property Code<br>20666                                                                 |  | API Number<br>30-0 15-29464 |
| Property Name<br>OXY Auto State                                                        |  | Well No.<br>1               |

Surface Location

| UL or lot no. | Section | Township | Range | Lot Ids | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| H             | 8       | 19S      | 29E   |         | 1650          | North            | 660           | East           | Eddy   |

Proposed Bottom Hole Location If Different From Surface

| UL or lot no.                                       | Section | Township | Range | Lot Ids | Feet from the   | North/South line | Feet from the | East/West line | County |
|-----------------------------------------------------|---------|----------|-------|---------|-----------------|------------------|---------------|----------------|--------|
| Proposed Pool 1<br>Undesignated Turkey Track Morrow |         |          |       |         | Proposed Pool 2 |                  |               |                |        |

| Work Type Code | Well Type Code | Cable/Rotary | Lease Type Code | Ground Level Elevation |
|----------------|----------------|--------------|-----------------|------------------------|
| N              | G              | R            | S               | 3391'                  |
| Multiple       | Proposed Depth | Formation    | Constructor     | Spud Date              |
| No             | 11400'         | Morrow       | N/A             | 5/1/97                 |

Proposed Casing and Cement Program

| Hole Size | Casing Size | Casing weight/foot | Setting Depth | Seals of Cement | Estimated TOC |
|-----------|-------------|--------------------|---------------|-----------------|---------------|
| 17-1/2"   | 13-3/8"     | 48#                | 400'          | 420             | Circulated    |
| 11"       | 8-5/8"      | 24-32#             | 3000'         | 980             | Circulated    |
| 7-7/8"    | 4-1/2"      | 11.6#              | 11400'        | 435             | 8500'         |
|           |             |                    |               |                 |               |
|           |             |                    |               |                 |               |

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.

SEE OTHER SIDE

Port ID-1  
4-5-97  
Loc & API

|                                                                                                                                                   |  |                                                              |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------|--|
| I hereby certify that the information given above is true and complete to the best of my knowledge and belief.<br>Signature: <i>David Stewart</i> |  | OIL CONSERVATION DIVISION                                    |  |
| Printed name: David Stewart                                                                                                                       |  | Approved by: <i>Jim W. Beem</i> BGA                          |  |
| Title: Regulatory Analyst                                                                                                                         |  | Title: District Supervisor                                   |  |
| Date: 3/25/97                                                                                                                                     |  | Approval Date: 3-31-97                                       |  |
| Phone: 915-685-5717                                                                                                                               |  | Expiration Date: 3-31-98                                     |  |
|                                                                                                                                                   |  | Conditions of Approval:<br>Attached <input type="checkbox"/> |  |

ATTACHMENT C-101  
OXY USA Inc.  
OXY AUTO STATE COM. #1  
SEC 8 T19S R29E  
Eddy County, NM

PROPOSED TD: 11400' TVD

BOP PROGRAM: 0' - 400' None  
400'-3000' 13-3/8" 5M blind and pipe rams with 5M annular preventer.  
3000'-11400' 13-3/8" 5M blind and pipe rams with 5M annular preventer and rotating head below 8500'.

CASING: 13-3/8" 48# H40 ST&C casing @ 400'. 17 1/2" hole.  
8-5/8" 24-32# K55 ST&C casing @ 3000', 11" hole  
4-1/2" 11.6# N80-S95 LT&C casing @ 11400', 7-7/8" hole.

CEMENT: Surface - Circulate cement with 220sx 65/35 POZ/C w/ 2% CaCl<sub>2</sub> + 6% gel + .25#/sx Cello-seal followed by 200sx Class C with 2% CaCl<sub>2</sub>.  
Intermediate - Circulate cement with 780sx POZ/C w/ 6% gel + 5#/sx salt + .25#/sx Cello-seal followed by 200sx Class C with 2% CaCl<sub>2</sub>. Cement volumes may be adjusted to fluid caliper.  
Production - Cement with 435sx Super C Modified w/ 5#/sx Gilsonite + fluid loss additives and retarder. Estimated top of cement is 8500'. Cement volumes may be adjusted to hole caliper.

MUD: 0' - 400' Gel/Lime for pH control(9 to 10).  
Paper for seepage.  
Wt. 8.6-8.7 ppg, vis 32-34 sec.  
400' - 3000' Fresh/Brine water. Caustic for pH control (10-10.7). Paper for seepage.  
Wt.10-10.1 ppg, vis 28-32 sec  
3000' - 8800' Fresh water. Caustic for pH control (9-9.5).  
Paper for seepage.  
Wt. 8.4-8.5 ppg, vis 28-29 sec  
8800' - 10100' Cut brine. Caustic for pH control (10-10.5).  
Wt.8.8-9.0 ppg, vis 28-29 sec  
10100' - 11400' Mud up with a Starpac/XCD Polymer system  
Wt. 9.5-10.5ppg, vis 42-48 sec WL 6-8cc.