

District I
PO Box 1988, Hobbs, NM 88241-1988
District II
PO Drawer DD, Artesia, NM 88211-4719
District III
1000 Rio Bravos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
P.O. 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

| | | |
|---|---|--|
| ¹ Operator name and Address ARCO Permian P.O. BOX 1610 MIDLAND, TX 79702 | | ² OGRID Number 000990 |
| | | ³ API Number 30-025-32836 |
| ⁴ Property Code 1515 | ⁵ Property Name W.C. ROACH | ⁶ Well Number 8 |

| ⁷ Surface Location | | | | | | | | | |
|-------------------------------|-----------|------------|------------|----------|---------------|------------------|---------------|----------------|------------|
| UL or lot no. | Section | Township | Range | Lot. Idn | Feet from the | North/South Line | Feet from the | East/West line | County |
| M | 21 | 20S | 37E | | 990 | SOUTH | 785 | WEST | LEA |

| ⁸ 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 |
| | | | | | | | | | |
| ⁹ Proposed Pool 1 FUMONT YATES/SR/QUEEN | | | | | ¹⁰ Proposed Pool 2 | | | | |

| | | | | |
|--|---|---|---|---|
| ¹¹ Work Type Code N | ¹² Well Type Code G | ¹³ Cable/Rotary R | ¹⁴ Lease Type Code P | ¹⁵ Ground Level Elevation 3505 |
| ¹⁶ Multiple NO | ¹⁷ Proposed Depth 3700 | ¹⁸ Formations YATES/SR/QUEEN | ¹⁹ Contractor NA | ²⁰ Spud Date 02-15-95 |

| ²¹ Proposed Casing and Cement Program | | | | | |
|--|--------------|--------------------|---------------|-----------------|---------------|
| Hole Size | Casing Size | Casing weight/foot | Setting Depth | Sacks of Cement | Estimated TOC |
| 12 1/4 | 8 5/8 | 24 | 400 | 300 | SURF |
| 7 7/8 | 5 1/2 | 15.5 | 3700 | 800 | SURF |
| | | | | | |
| | | | | | |
| | | | | | |

²² 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

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.

| | | | |
|--|--|--|------------------|
| ²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Ken W. Gosnell</i> | | OIL CONSERVATION DIVISION | |
| Printed name: KEN W. GOSNELL | | Approved by: ORIGINAL SIGNED BY JERRY SEXTON | |
| Title: AGENT | | Title: DISTRICT I SUPERVISOR | |
| Date: 01-24-95 | | Approval Date: JAN 27 1995 | Expiration Date: |
| Phone: 915 688-5672 | | Conditions of Approval: Attached <input type="checkbox"/> | |