

Submit to Appropriate  
District Office  
State Lease - 6 copies  
Fee Lease - 5 copies

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-101  
Revised 1-1-89

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

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

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

|                                                                                                     |
|-----------------------------------------------------------------------------------------------------|
| API NO. (assigned by OCD on New Wells)<br>30-025-08869                                              |
| 5. Indicate Type of Lease<br>STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> |
| 6. State Oil & Gas Lease No.                                                                        |

|                                                                                                                                                                                                                          |                |                                                  |               |                                                         |          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|--------------------------------------------------|---------------|---------------------------------------------------------|----------|
| APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK                                                                                                                                                                    |                |                                                  |               |                                                         |          |
| 1a. Type of Work:<br>DRILL <input type="checkbox"/> RE-ENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/>                                                      |                |                                                  |               | 7. Lease Name or Unit Agreement Name<br>H. S. Record WN |          |
| b. Type of Well:<br>OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> |                |                                                  |               | 8. Well No.<br>2                                        |          |
| 2. Name of Operator<br>ARCO Oil and Gas Company                                                                                                                                                                          |                |                                                  |               | 9. Pool name or Wildcat<br>Jalmat T. Yates SRQ          |          |
| 3. Address of Operator<br>P.O. Box 1710 - Hobbs, New Mexico                                                                                                                                                              |                |                                                  |               |                                                         |          |
| 4. Well Location<br>Unit Letter M : 560 Feet From The South Line and 660 Feet From The West Line<br>Section 10 Township 22S Range 36E NMPM Lea County                                                                    |                |                                                  |               |                                                         |          |
| 10. Proposed Depth<br>3797'                                                                                                                                                                                              |                | 11. Formation<br>Queen                           |               | 12. Rotary or C.T.<br>NA                                |          |
| 13. Elevations (Show whether DF, RT, GR, etc.)<br>3553.3' GR                                                                                                                                                             |                | 14. Kind & Status Plug Bond<br>Statewide Blanket |               | 15. Drilling Contractor<br>NA                           |          |
|                                                                                                                                                                                                                          |                |                                                  |               | 16. Approx. Date Work will start<br>11/01/92            |          |
| 17. PROPOSED CASING AND CEMENT PROGRAM                                                                                                                                                                                   |                |                                                  |               |                                                         |          |
| SIZE OF HOLE                                                                                                                                                                                                             | SIZE OF CASING | WEIGHT PER FOOT                                  | SETTING DEPTH | SACKS OF CEMENT                                         | EST. TOP |
|                                                                                                                                                                                                                          | 8-5/8          | 24                                               | 1493          | 500                                                     | Surf     |
|                                                                                                                                                                                                                          | 5-1/2          | 15.5                                             | 3796          | 500                                                     | Surf     |
|                                                                                                                                                                                                                          |                |                                                  |               |                                                         |          |

Current Eunice SRQ South TD 3797', PBD 3720', Perfs 3662-3701'

Propose to TA Eunice SRQ South w/ CIBP, recomplete in Jalmat within interval 3012-3658' and stimulate.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

SIGNATURE  TITLE Operations Coordinator DATE 10/07/92  
TYPE OR PRINT NAME James D. Cogburn (505) TELEPHONE NO. 391-1600

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON  
DISTRICT SUPERVISOR

OCT 08 1992

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

Jalmat gas production subject to approval of NSL.