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

State of New Mexico Energy, Minerais and Natural Resources Department

Form C-101 Revised 1-1-89

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

OIL CONSERVATION DIVISION P.O. Box 2088

| | Verber 7.7. |
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| | |
| API NO. (assigned by | OCD on New Wells) |
| 77. 100 | |

| Santa Fa Name | Marine 97504 2000 | <u> 30 025 - 3225 </u> | |
|---|--|---|--|
| DISTRICT II P.O. Drawer DD, Arlesia, NM 88210 Santa Fe, New Mexico 87504-2088 | | 5. Indicate Type of Lease STATE | FEE |
| DISTRICT III 1000 Rio Brazos Rd., Azzec, NM 87410 | 6. State Oil & Gas Lease No. B-2139-3 | | |
| APPLICATION FOR PERMIT TO DRILL, DE | EPEN, OR PLUG BACK | | |
| la. Type of Work: | | 7. Lease Name or Unit Agreement | Name |
| DRILL X RE-ENTER DEEPE b. Type of Well: oil GAS well Well X OTHER | PLUG BACK SINGLE X MULTIPLE ZONE | State "H" | |
| 2. Name of Operator | | 8. Well No. | |
| ARCO OIL AND GAS COMPANY | | 6 | |
| 3. Address of Operator | | 9. Pool name or Wildcat | |
| | | | |
| Box 1610, Midland, Texas 79702 | | Eumont Yates/S | SR/Queen |
| Box 1610, Midland, Texas 79702 4. Well Location Unit Letter P : 3300 Feet From The Sou | th Line and 990 | 140007 | ER/Oueen Line |
| 4. Well Location | | Feet From The East | |
| 4. Well Location Unit Letter P : 3300 Feet From The Sour | Range 36E | Feet From The East | Line |
| 4. Well Location Unit Letter P : 3300 Feet From The Sour | Range 36E 1 | Feet From The East | Line |
| 4. Well Location Unit Letter P : 3300 Feet From The Source Section 5 Township 21S | Range 36E 1000 11.F 3700 Yat | Feet From The East NMPM Lea Ormston 12. Rots es/SR/Queen Ro | County Iry or C.T. |
| 4. Well Location Unit Letter P : 3300 Feet From The Sour | Range 36E | Feet From The East VIMIPM Lea Ormston 12. Rots es/SR/Queen Ro | County ry or C.T. tary k will start |
| 4. Well Location Unit Letter P: 3300 Feet From The Source Section 5 Township 21S 10. Prop 13. Elevations (Show whether DF, RT, GR, etc.) 3585 GR States | Range 36E | Feet From The East NMPM Lea OTTORIUM 12. Rots es/SR/Queen Rot l6. Approx. Date Woo | County ry or C.T. tary k will start |
| 4. Well Location Unit Letter P: 3300 Feet From The Source Section 5 Township 21S 10. Prop 13. Elevations (Show whether DF, RT, GR, etc.) 3585 GR States | Range 36E Solution 11.F 3700 Yat Plug. Bond 15. Drilling Contractor 15. Drilling | Feet From The East NMPM Lea OTTOBLIOR 12. Rota es/SR/Queen Rota 16. Approx. Date Word Drlg Co 10-11-9 | County ry or C.T. tary k will start |
| 4. Well Location Unit Letter P : 3300 Feet From The SOU Section 5 Township 21S 10. Program 13. Elevations (Show whether DF, RT, GR, etc.) 3585 GR Statew 17. PROPOSED CA SIZE OF HOLE SIZE OF CASING WEIGHT PE 12-3/4 8-5/8 24.0 | Range 36E Solution 11.F 3700 Yat Plug. Bond 15. Drilling Contractor Yide IMBR/Sharp IMBR/S | Feet From The East NMPM Lea OTTORISON 12. Ross es/SR/Queen Ross 16. Approx. Date Word Drlg Co 10-11-9 | County Pry or C.T. tary t will start |
| 4. Well Location Unit Letter P: 3300 Feet From The South Section 5 Township 21S 10. Prop 13. Elevations (Show whether DF, RT, GR, etc.) 3585 GR States 17. PROPOSED CA SIZE OF HOLE SIZE OF CASING WEIGHT PE | Range 36E Solution 11.F 3700 Yat 15. Drilling Contractor Yide TMBR/Sharp SSING AND CEMENT PROGRATION SETTING DEPTH | Feet From The East NMPM Lea OTTOBLOR 12. Rotu es/SR/Queen Rot 16. Approx. Date Wor Drlg Co 10-11-9: RAM SACKS OF CEMENT 300 su: | County Try or C.T. tary t will start 3 |

| IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR FLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY. | | | | |
|---|---|--------------------------|---------------------|--|
| I hereby certify that the informs | pon above is true and complete to the best of my know | windge and belief. | | |
| SIGNATURE | ndy Keynolds | Senior Drilling Engineer | 9-30-93 | |
| TYPE OR PRINT NAME | Randy Reynolds | 915 688-5812 | TELEPHONE NO. | |
| (This space for State Use) | Orig. Signed b y Paul Kautz | | OCT 0 4 1993 | |
| APTROVED BY | Geologist | TITLE | DATE | |
| CONDITIONS OF AFFROVAL, IF | WY: | | | |