

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103  
Revised 10-1-73

|                        |   |
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|                                           |                              |
|-------------------------------------------|------------------------------|
| 5a. Indicate Type of Lease                |                              |
| State <input checked="" type="checkbox"/> | For <input type="checkbox"/> |
| 5. State Oil & Gas Lease No.              |                              |
| E-7833                                    |                              |

|                                                                                                                                                                                                                    |  |                                                                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------|
| SUNDRY NOTICES AND REPORTS ON WELLS APR 20 1979<br>(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO CEMENT OR PLUG BACK TO A DIFFERENT RESERVOIR. USE APPLICATION FOR PERMIT - (FORM C-101) FOR SUCH PROPOSALS.) |  |                                                                   |
| 1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>                                                                                                   |  | 7. Unit Agreement Name<br>Empire Abo Pressure Maintenance Project |
| 2. Name of Operator<br>ARCO Oil and Gas Company<br>Division of Atlantic Richfield Company                                                                                                                          |  | 8. Field or Lease Name<br>Empire Abo Unit "L"                     |
| 3. Address of Operator<br>Box 1710, Hobbs, New Mexico 88240                                                                                                                                                        |  | 9. Well No.<br>156                                                |
| 4. Location of Well<br>UNIT LETTER 0 600 FEET FROM THE South LINE AND 1330 FEET FROM<br>THE East LINE, SECTION 2 TOWNSHIP 18S RANGE 27E NMPM.                                                                      |  | 10. Field and Pool, or Wildcat<br>Empire Abo                      |
| 15. Elevation (Show whether DF, RT, GR, etc.)<br>3574.8' GR                                                                                                                                                        |  | 12. County<br>Eddy                                                |

|                                                                              |                                           |                                                                            |                                                                         |
|------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------------------------------------------|-------------------------------------------------------------------------|
| 16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data |                                           |                                                                            |                                                                         |
| NOTICE OF INTENTION TO:                                                      |                                           | SUBSEQUENT REPORT OF:                                                      |                                                                         |
| PERFORM REMEDIAL WORK <input type="checkbox"/>                               | PLUG AND ABANDON <input type="checkbox"/> | REMEDIAL WORK <input type="checkbox"/>                                     | ALTERING CASING <input type="checkbox"/>                                |
| TEMPORARILY ABANDON <input type="checkbox"/>                                 | CHANGE PLANS <input type="checkbox"/>     | COMMENCE DRILLING OPNS. <input type="checkbox"/>                           | PLUG AND ABANDONMENT <input type="checkbox"/>                           |
| PULL OR ALTER CASING <input type="checkbox"/>                                | OTHER <input type="checkbox"/>            | CASING TEST AND CEMENT JOBS <input checked="" type="checkbox"/> Production | OTHER Log, Perf, Acidize & Complete <input checked="" type="checkbox"/> |

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

On 2/13/79 ran Core #1 5975-6003' Abo, rec 28'. Core #2 6003-6031', rec 28'. Core #3 6031-6059', rec 28'. Core #4 6059-6087', rec 28'. Fin drlg 7-7/8" hole to 6225' TD on 2/15/79. Ran CRN, DLI Micro SFL, Borehole CSL, CP1 & CNFD. RIH w/5-1/2" OD 15.5# K-55 csg, set @ 6225'. FC set @ 6181' DV tool set @ 4004'. Cmtd 1st stage w/300 sx HL cont'g 1/4# flocele/sk, 2% CaCl & 250 sx Thik-set cont'g 2% CaCl. PD @ 11:30 PM 2/19/79. Circ 55 sx cmt. Cmtd 2nd stage w/700 sx HL w/8# salt/sk & 100 sx Cl C cmt cont'g 2% CaCl. PD @ 4 AM 2/20/79. Circ 85 sx cmt to pit. Circ cmt to surf. WOC 72 hrs. DO DV tool @ 4004', FC @ 6181'. Press tested csg to 1000# 30 mins OK. Ran CBL. Perf'd Abo 6100-6116' w/2 JSPF. RIH w/Mod R dbl grip pkr on 2-3/8" OD EUE tbg, OE @ 5992', pkr set @ 5986'. Acidized perfs 6100-6116' w/150 gals 15% HCL-LSTNE-FE acid, 1500 gals CaCl wtr, 1500 gals LC, 1500 gals 15% HCL-LSTNE-FE acid, flushed w/lease crude. Swbd 54 BO & 5 BW in 1 hr. RIH w/compl assy & put on pump. On 24 hr potential test 4/13/79 pmpd 166 BO, 6 BW & 153 MCFG on 12 - 86" spm, GOR 923:1. Final Report.

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

SIGNED [Signature] TITLE Dist. Drlg. Supt. DATE 4/20/79

APPROVED BY [Signature] TITLE SUPERVISOR, DISTRICT II DATE APR 27 1979

CONDITIONS OF APPROVAL, IF ANY: