

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

MAR 23 1983

O. C. D.

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.	
E-7116	

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN 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 Empire Abo Pressure Maintenance Project
2. Name of Operator ARCO Oil and Gas Company Division of Atlantic Richfield Company ✓	8. Farm or Lease Name Empire Abo Unit "F"
3. Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240	9. Well No. 354
4. Location of Well UNIT LETTER <u>G</u> <u>1850</u> FEET FROM THE <u>North</u> LINE AND <u>2550</u> FEET FROM THE <u>East</u> LINE, SECTION <u>34</u> TOWNSHIP <u>17S</u> RANGE <u>28E</u> NMPM.	10. Field and Pool, or Wildcat Empire Abo
15. Elevation (Show whether DF, RT, GR, etc.) 3666.9' GR	12. County Eddy

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐
OTHER ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐
OTHER ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐
COMMENCE DRILLING OPNS. ☐
CASING TEST AND CEMENT JOBS ☐
OTHER ☒ Kick off, Drill Horizontal Drain Hole, same zone

ALTERING CASING ☐
PLUG AND ABANDONMENT ☐

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.

RU 11/3/82, installed BOP & POH w/compl assy. RIH w/pkr, set pkr @ 5960' & cmt squeezed Abo perf 6178-6208' w/150 sx C1 H cmt cont'g 2% CaCl₂. WOC. POH w/pkr. Drld & CO cmt to 6300'. Press test perfs 6178-6208' to 1800# for 10 mins, OK. Cmt squeeze compl on 11/7/82. On 2/11/83 RIH w/Baker 4426-DW/pkr w/anchor & key locator, set pkr @ 6192'. Ran multi-shot gyro survey. Key in anchor survey N030W. Oriented whipstock keyslot to place whipstock @ N0700W. Reran multishot gyro survey & reoriented key in anchor w/key facing S830W. RIH w/20 whipstock and latch dn assy w/key slot, seals & starting mill. On 2/15/83 milled hole in 5½" csg @ 6185'. Milled to 6189'. RIH w/flexible DC & 4-3/4" bit. Drld 6189-6220'. POH w/bit. Ran multi-shot gyro survey, max angle of 34½°, 18' from zenith, sharp dog leg right w/btm of survey 3-3/4° @ S69°E. RIH w/4-3/4" bit, drld 6220-6260'. POH w/bit. Ran multi-shot magnetic survey, btm of hole @ 74-3/4°N15°W @ 6260', TVD 6241.81', displacement 30.175'. RIH w/4-3/4" bit & drld 6260-6273'. POH w/bit. Ran multi-shot survey 6262-6273'. Btm survey @ 6273' 89°N07°E, TD 6273', TVD 6244', N85.37', W36.96'. From top of whipstock drld total of 88' spiralling hole 59.74' w/vertical depth closure 42.32'N 18.26'W. Set pkr @ 6145', swbd Abo fm 6185-6273', rec 3 BNO & 49 BLW, show of gas. POH w/pkr. RIH w/mud anchor BP, 3' perf sub, SN & 2-3/8" tbg, set MA @ 6176', SN @ 6140' & ran pump & rods. On 3/12/83 pmpd 24 hrs, rec 77 BO, 17 BW & 211 MCFG. On 3/20/83 flwd 24 hrs, rec 37 BO, 0 BW, 375 MCFG on 64/64" ck. On 24 hr potential test 3/21/83 pmpd 47 BO, 6 BW & 422 MCFG on 7-120" sp Final Report.

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

SIGNED Elizabeth S. Bush

TITLE Drlg. Engr.

DATE 3/22/83

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE Original Signed By
Leslie A. Clements
Supervisor District II

DATE MAR 24 1983