

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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OIL CONSERVATION DIVISION

P. O. BOX 2038

SANTA FE, NEW MEXICO 87501

SEP 10 1979

O. G. B.
MEXICO, OFFICE

Form C-103
Revised 10-1-78

5a. Indicate Type of Lease	
State ☒	Fee ☐
5. State Oil & Gas Lease No.	
647-349	647-351

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 ☐ GAS WELL ☐ OTHER-		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 Box 1710, Hobbs, New Mexico 88240		9. Well No. 391
4. Location of Well UNIT LETTER <u>G</u> , <u>1545</u> FEET FROM THE <u>North</u> LINE AND <u>1625</u> FEET FROM THE <u>East</u> LINE, SECTION <u>35</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.) 3680.6' GR		12. County Eddy

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOBS ☐	
OTHER <u>Run Injectivity, Perforate Abo, Acidize</u> ☒ & Complete			

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.

Drld 4-3/4" hole 6205-6425', reamed 4-3/4" hole to 9" hole 6205-6401'. WIH w/4-3/4" bit & CO 7-7/8" hole 6401-6414'. RIH w/pkr on 2-3/8" OD tbg, set pkr @ 6145'. Established injection rate into Abo OH 6205-6425' w/Abo fm wtr. Pmpd 80 bbls @ 10-25 BPM w/750#. Last 60 bbls pmpd @ 90 GPM @ 1060#. Total pmpd 320 bbls. Swbd 4 1/2 hrs, rec 0 BO, 52 BLW. POH w/pkr & tbg. RIH w/CIBP, set BP @ 6183'. Tstd BP to 1400# OK. Displ csg w/2% KCL wtr. Spot acetic acid 6148-6120'. POH w/pkr & tbg. Perf'd Abo 6142-6148' w/2 JSPF (12 .50" holes). RIH w/pkr on 2-3/8" tbg, set pkr @ 6051'. Acidized Abo perms 6142-48' w/500 gals 15% HCL-LSTNE-FE acid. In 5 hrs swbd 26 BLO, 4 BNO & 17 BLW. Opened to test tank 13 hrs, flwd 146 BNO, 35 BLW & 1 BFW on 18/64" ck, FTP 50-70#. On 24 hr potential test 8/30/79, flwd 334 BO, 0 BW & 288 MCFG, 90# FTP, 48/64" ck, GOR 862:1. 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 9/5/79

APPROVED BY W. A. Gressett TITLE SUPERVISOR, DISTRICT II DATE SEP 11 1979

CONDITIONS OF APPROVAL, IF ANY: