

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-79

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APR 12 1979

5a. Indicate Type of Lease State ☒ Fee ☐
5. State Oil & Gas Lease No. 647-368, 647-363, 647-320
7. Unit Agreement Name Empire Abo Pressure Maintenance Project
8. Farm or Lease Name Empire Abo Unit "F"
9. Well No. 382
10. Field and Pool, or Whist Empire Abo
12. County Eddy

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO OPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. Name of Operator ARCO Oil & Gas Company
Division of Atlantic Richfield Company

3. Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240

4. Location of Well
UNIT LETTER F 2400 FEET FROM THE North LINE AND 1600 FEET FROM
THE West LINE, SECTION 35 TOWNSHIP 17S RANGE 28E N.M.P.M.

O.C.C.
ARTEBIA, OFFICE

15. Elevation (Show whether DF, RT, GR, etc.)
3675.6' GL

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

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐	REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐	COMMENCE DRILLING OPNS. ☐
PULL OR ALTER CASING ☐	CASING TEST AND CEMENT JOB ☒
OTHER ☐	OTHER Log, Perforate, Acidize & 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.

On 1-28-79 encountered water flow @ 1803' ARO 15 BPH. Finished drlg to 6304' TD @ 1:00 PM 2-7-79. Ran DLL-RX0, GR Caliper, CNL-FDC logs. RIH w/5-1/2" OD 15.5# K-55 csg & 2 stage-collar, set csg @ 6303', Btm of top Pengo pkr @ 6217', top of bottom Pengo Pkr @ 6237'. FC @ 6259'. Drld out 2 stage collar @ 3015', Press tested csg to 1500# for 30 mins. OK. Ran bit to 6263' top of FC. Drld out FS @ 6303' & pressured 5-1/2" csg to 1200#, broke circ thru 8-5/8" x 5-1/2" annulus. Perf'd 5-1/2" csg 6298-6300' w/4 holes. RIH w/cmt retr, set retr @ 6284'. Cmt'd 5-1/2" csg 6300' & up w/450 sx Lite wt cmt Contg 2% CaCl & 200 sx sure-fill w/2% CaCl, PD w/700#, PO retr, dmpd 2 bbls cmt on top of retr & reversed out 1 bbl cmt from 6270'. Ran Cmt Bond log, TOC @ 2676'. Perf'd 5-1/2" csg w/4 JS 2359 - 2360'. RIH w/cmt retr set retr @ 2265'. Cmt'd 2nd stage w/466 sx BJ Lite cmt w/8# salt/sk & 100 sx Cl C Contg 2% CaCl. Circ 70 sx cmt. squeezed last 2 bbls w/800# MP. PO retr, circ out 1-1/2 bbls cmt, POH w/tbg. WOC 24 hrs. Drld out cmt retr & cmt 2260-2383'. Pressure tested csg to 1800#, OK. Ran bit to 6276'. Ran CBL 2600'-500'. OK. RIH w/pkr on 2-3/8" OD tbg, set pkr @ 6084'. Perf'd 5-1/2" csg 6204-6214' w/2 JSPF. Acidized w/250 gals 15% LSTNE acid dwn tbg flushed w/21 bbls 2% KCL wtr. In 2 hrs swbd 0 BO & 24 BW. POH w/tbg & pkr. Perf'd 5-1/2" OD csg 6204-6214' w/2 JSPF. RIH w/pkr on 2-3/8" OD tbg set OE @ 6091'. Top of pkr @ 6084'. In 3 hrs swbd 0 BO, 29 BW. Treated perfs 6204-6214' w/150 gals 15% HCL-LSTNE acid, 2000 gals gelled CaCl wtr, 1500 gal gelled LC & 1500 gal 15% HCL-NE-LST acid flushed w/24 BLC. In 3 hrs swbd 28 BO & 40 BW. POH

(Continued on back)

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 4-11-79

APPROVED BY [Signature] TITLE SUPERVISOR, DISTRICT II DATE APR 17 1979

CONDITIONS OF APPROVAL, IF ANY:

17. Continued

w/tbg & pkr. RIH w/KVL pkr & Kobe pump cavity on 2-3/8" OD tbg. set @ 6103' w/top of pkr @ 6097'. On 24 hr potential test 4-5-79 pmpd 246 BO, 31 BW & 129 MCFG, 3200# Hyd Press. GOR 524:1. Final Report.