

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 808
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

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FEB 22 1979

O.C.G.

ARTESIA, OFFICE

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.)

5a. Indicate Type of Lease State ☒ Fee ☐
5. State Oil & Gas Lease No. B-11593-8
7. Unit Agreement Name Empire Abo Pressure Maintenance Project
8. Farm or Lease Name Empire Abo Unit "E"
9. Well No. 374
10. Field and Pool, or Wildcat Empire Abo
12. County Eddy

1. ☒ OIL WELL ☐ GAS WELL ☐ OTHER

2. Name of Operator
Atlantic Richfield Company

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

4. Location of Well
UNIT LETTER D 220 FEET FROM THE North LINE AND 700 FEET FROM THE West LINE, SECTION 35 TOWNSHIP 17S RANGE 28E NMPM.

15. Elevation (Show whether DF, RT, GR, etc.)
3680.7' GR

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 ☒ Prod Csg
OTHER ☐	OTHER ☐
PLUG AND ABANDON ☐	ALTERING CASING ☐
CHANGE PLANS ☐	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.

Encountered water flow on 1/21/79 @ 1950' ARO 514 BPD. Fin drlg 7-7/8" hole to 6358' @ 2:15 AM 1/28/79. Ran DLL w/RX0, CNL-FDC w/caliper. RIH w/5-1/2" OD 15.5# K-55 csg, 2 Pengo pkrs, 2 sliding sleeves, FS, FC & SC. Set 5-1/2" OD csg @ 6345'. Btm of top pkr @ 6254', top of btm pkr @ 6271'. FS @ 6345', FC @ 6301', SC @ 2993'. Cmtd 5-1/2" OD csg 1st stage w/425 sx BJ Lite cmt w/10# 20/40 & 5# 100 mesh sd/sk followed by 200 sx Sure-Fill cmt cont'g 2% CaCl. Circ 125 sx cmt on 1st stage. Cmtd 2nd stage thru 2 2" lines fr braden head to control wtr flow w/700 sx BJ Lite cmt w/8# salt/sk followed by 100 sx Cl C cmt cont'g 8# salt/sk. BP & closed SC @ 5:50 PM 1/29/79. Closed valves on BH. Circ 75 sx on 2nd stage to pit. WOC 72 hrs. RIH w/bit, drld SC @ 2993'. Pressure tested csg to 1500# 30 mins OK. Ran CBL, cmt bond OK. RIH w/2-3/8" OD tbg & pkr, set pkr @ 6149'. Opened Pengo sliding sleeves @ 6255' & 6271'. Swbd & flwd 3 hrs, rec 20 BNO & 7 BFW. Acidized Abo thru sliding sleeves 6255-6271' w/150 gal 15% HCL-LSTNE-FE acid followed by 1000 gal gelled CaCl wtr, 1000 gal gelled LC, 1500 gal 60/40 acid/xylene, flushed w/12 BLC. On 24 hr potential test 2/11/79 flwd 255 BO, 0 BW & 212 MCFG, 80# FTP, 48/64" ck, GOR 831:1. 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 2/21/79

APPROVED BY [Signature] TITLE SUPERVISOR, DISTRICT II DATE FEB 23 1979

CONDITIONS OF APPROVAL, IF ANY: