

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

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DISTRIBUTION	
SANTA FE	1
FILE	1
U.S.G.S.	
LAND OFFICE	
OPERATOR	1

5a. Indicate Type of Lease

State ☒ Fee ☐

5. State Oil & Gas Lease No.

B-11594

7. Unit Agreement Name

Empire Abo Pressure

Maintenance Project

8. Form or Lease Name

Empire Abo Unit "I"

9. Well No.

231

10. Field and Pool, or Wildcat

Empire Abo

SUNDRY NOTICES AND REPORTS ON WELLS

RECEIVED

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT DEPTH. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. Name of Operator **ARCO Oil and Gas Company** ☒
Division of Atlantic Richfield Company

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

4. Location of Well
UNIT LETTER **B** **1260** FEET FROM THE **North** LINE AND **1580** FEET FROM
THE **East** LINE, SECTION **6** TOWNSHIP **18S** RANGE **28E** N.M.P.M.

MAR 6 1980

O. C. D.
ARTESIA OFFICE

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

3671' 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 ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐

REMEDIAL WORK ☐
COMMENCE DRILLING OPNS. ☐
CASING TEST AND CEMENT JOB ☐

ALTERING CASING ☐
PLUG AND ABANDONMENT ☐

OTHER Squeeze Cmt Perfs, Perf Lower, 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.

RU 12/12/79, killed well, inst BOP, POH w/compl assy. Set cmt retr @ 6051'. Squeeze Abo perfs 6109-20' & 6125-45' w/150 sx LWL cmt, 50 sx Cl C w/2% CaCl. WOC. Drld retr @ 6051' & cmt to 6145'. Pressure tested squeeze job w/1500# 30 mins. PBD 6216'. Perf'd 5 1/2" csg lower in reef 6190-6200' w/2 JSPF. Acidized perfs 6190-6200' w/150 gals 15% HCL-LSTNE-FE acid, 1164 gals gel LC. Set cmt retr @ 6175'. Cmdt perfs 6145-6190' w/75 sx Cl C cmt, WOC. Drld cmt retr @ 6175' & cmt to 6192'. Press tested squeezed perfs to 1500# 30 mins OK. Perf'd Abo lower in reef 6190-6200'. RIH w/Lok-set pkr, set @ 6173'. Acidized perfs 6190-6200' w/300 gals 15% db1 inhib HCL-LSTNE-FE acid. POH w/pkr. RIH w/pkr, set @ 6156'. Cmdt 5 1/2" csg 6145-6190' w/75 sx Cl C cont'g .6% Halad-9. RO 40 sx cmt. WOC. Drld cmt 5882-6222'. Pressure tested perfs 6109-6145' & 6190-6200' w/1500# 30 mins OK. Perf'd Abo 6190-6200' w/2 JSPF. Set Lok-set pkr @ 6155'. Acidized perfs 6190-6200' w/150 gals 15% db1 inhib HCL-LSTNE-FE acid, 2000 gals gel LC, 1500 gals 15% db1 inhib 10# HCL-LSTNE-FE, flushed w/24 BLC. Swbd 4 hrs, rec 17 BO & 28 BW. Re-set pkr @ 6084'. Swbd 1 BO, 17 BW in last 2 hrs. POH w/pkr & tbg. RIH w/compl assy. On 24 hr potential test 3/2/80 pmpd Abo perfs 6190-6200', 32 BO, 0 BW & 77 MCFG, 12-64" spm, GOR 2406:1. 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 3/4/80

APPROVED BY [Signature]

TITLE SUPERVISOR, DISTRICT II

DATE MAR 7 1980

CONDITIONS OF APPROVAL, IF ANY: