

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

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

Form C-103
Revised 10-1-73

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OPERATOR	1

DEC 4 - 1979

O.C.C.

ARTESIA, OFFICE

5a. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No.
B-7244-30

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 - 1" (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 & Gas Company Division of Atlantic Richfield Company	8. Form or Lease Name Empire Abo Unit "L"
3. Address of Operator P.O. Box 1710, Hobbs, N.M. 88240	9. Well No. 143
4. Location of Well UNIT LETTER N 1200 FEET FROM THE South LINE AND 1900 FEET FROM West 2 TOWNSHIP 18S RANGE 27E NMPM.	10. Field and Pool, or Wildcat Empire Abo
11. Elevation (Show whether DF, RT, GR, etc.) 3528' GR	12. County Eddy

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐
PULL OR ALTER CASING ☐	OTHER ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐	ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOBS ☐	OTHER Squeeze cmt. complete lower in Reef. ☒

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.

- Rig up on 10-8-79, killed well, installed BOP, POH w/comp assy.
- RIH w/cmt retr, set @ 5925'. Squeeze cmtd Pengo tool 5982-6003' w/100 sx Cl C Cmt w/.6% Halad-9 followed by 50 sx Cl C Cmt w/2% CaCl. RO 40 sx cmt.
- Drld out cmt to 6003', pressure tested squeeze job to 1500# for 30 mins, bled off to 650#. LOC leak @ DV tool 4006-4008'. Perf'd 5 1/2" csg 4018-4020' w/2JSPF. Set pkr @ 3950' had back flow. POH w/pkr. RIH w/cmt retr set @ 3950'. Pmpd 100 sx Cl C cmt w/.6% Halad-9 thru perfs 4018-20' followed by 100 sx Cl C Cmt w/2% CaCl. RO 12 sx cmt to pit. WOC.
- Drld out cmt & retr. Pressure tested squeeze job to 1500# for 30 mins, bled to 500#.
- Broke dwn perfs 4018-20' w/15% HCL acid.
- RIH w/cmt retr, set @ 3970'. Squeezed perfs 4018-20' w/100 sx Cl C Cmt cont'g .6% Halad-9 followed by 100 sx Cl C Cmt w/2% CaCl. WOC 4 hrs. Pmpd 50 sx Cl C cmt w/4% gel followed by 150 sx Cl C Cmt w/2% CaCl, final pump press 3200#. RO 4 sx cmt to pit. WOC.
- Drld out cmt & retr. Press tested squeeze job & 5 1/2" csg to 1500# for 30 mins. OK.
- Ran GR-CCL log. Perf'd 5 1/2" csg 6072-6092'.
- Trtd perfs 6072-6092' w/150 gals 15% HCL-ISTNE acid, 1000 gals gelled CaCl wtr, 1000 gals gelled LC, 1500 gals 15% HCL-ISTNE acid, 1000 gals LC flush. Swabbed back load & tested abo perfs 6072-6092'.
- On 24 hr. potential test 11-25-79 pmpd 99 BO, 5 BW & 61 MCFG on 7-120" SPM. GOR 616:1. Final Report.

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

SIGNED W. A. Grissett TITLE Dist. Drlg. Supt. DATE 11-15-79

APPROVED BY W. A. Grissett SUPERVISOR, DISTRICT 17

CONDITIONS OF APPROVAL, IF ANY:

DEC 5 - 1979