

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 ☒ For ☐
5. State Oil & Gas Lease No.

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. Form or Lease Name Empire Abo Unit "I"
3. Address of Operator Box 1710, Hobbs, New Mexico 88240	9. Well No. 23
4. Location of Well UNIT LETTER B 470 FEET FROM THE North LINE AND 2170 FEET FROM THE East LINE, SECTION 6 TOWNSHIP 18S RANGE 28E NMPM.	10. Field and Pool, or Wildcat Empire Abo
15. Elevation (Show whether DF, RT, GR, etc.) 3669.5' GL	12. County Eddy

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

PERFORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐
OTHER ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐
☐

REMEDIAL WORK ☐
COMMENCE DRILLING OPNS. ☐
CASING TEST AND CEMENT JOB ☐
OTHER Cmt Squeeze Prod Csg ☒

ALTERING CASING ☐
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.

RU 7/22/79, killed well, inst BOP & POH w/tbg assy, Set RBP @ 4387', Press tstd csg & BP to 1000# 30 mins OK. Spotted 2 sx sd on top of BP. Ran GR-CBL-CCL 4365' to surf. TOC @ 4263', Perf'd 5 1/2" csg 4175-76' w/2 JSPF (4 .40" holes). Press 5 1/2" annulus, could not break dn w/1000#. Spotted 200 gals 15% HCL acid. RIH w/pkr, set @ 4121'. Press backside w/500#, 1500# on 5 1/2" annulus. Formation broke & circ 8-5/8" x 5 1/2" annulus. POH w/pkr. RIH w/cmt retr, set @ 4125'. Cmt sqzd perfs 4175-76' w/1200 sx C1 C cmt w/2% CaCl, Circ 182 sx cmt to pit. Squeeze press 1500#. Circ cmt to surf. WOC. RIH w/bit, found TOC @ 4118'. Drld cmt 4118-4125' & retr @ 4125-27', cmt 4127-4176'. Press tested csg & squeeze job w/1000# 30 mins OK. Circ sd off BP. POH w/BP. RIH w/compl assy to 6006'. Rem BOP & inst tbg bonnet & valve. SWI. Successful squeeze job to eliminate any possible water or gas flow from bradenhead completed 7/31/79. 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 8/2/79

APPROVED BY *[Signature]*

TITLE SUPERVISOR, DISTRICT II

DATE AUG 3 1979