

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

C.L. 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.O.B.	
LAND OFFICE	
OPERATOR	1

5a. Indicate Type of Lease State ☒ For ☐
5. State Oil & Gas Lease No. B-2071-24

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 - C (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐	RECEIVED	7. Unit Agreement Name Empire Abo Pressure Maintenance Project
2. Name of Operator ARCO Oil and Gas Company Division of Atlantic Richfield Company	JUL 19 1979	8. Farm or Lease Name Empire Abo Unit "H"
3. Address of Operator Box 1710, Hobbs, New Mexico 88240	O. C. C. ARTESIA, OFFICE	9. Well No. 341
4. Location of Well UNIT LETTER N 1200 FEET FROM THE South LINE AND 2500 FEET FROM THE West LINE, SECTION 34 TOWNSHIP 17S RANGE 28E NMPM.		10. Field and Pool, or Wildcat EmpireAbo
11. Elevation (Show whether DF, RT, GR, etc.) 3660.9' 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 ☐	FLUG AND ABANDON ☐	REMEDIATION WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOB ☒	Production Casing ☐

17. Description 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 20 BPH water flow @ approx 2560' on 6/12/79. Increased to 21 BPH to TL. Finished drlg to 6360' TD @ 3:15 PM 6/23/79. Ran DLL-Micro-SFL, Borehole Comp Sonic log, Comp Neutron Fm Density, CBL, Casing Collar Log & Perf Record. RIH w/5½" OD 15.5# K-55 csg, set @ 6360'. DV tool set @ 3034', FC @ 6316'. Cmdt 1st stage w/600 sx Lite wt cmt cont'g ¼# flocele, 6# Gilsonite sk, 2% CaCl. Opened DV tool, circ 158 sx cmt. Cmdt 2nd stage w/900 sx RFC w/good returns. PD @ 5:30 PM 6/24/79. Circ 118 sx cmt to surf. WOC 68 hrs. RIH w/bit, drld DV tool @ 3034'. Press tstd csg to 1500# 30 mins OK. Ran bit to 6314'. Perf'd 5½" csg 6254-6274' w/2 JSPF. RIH w/Mod R dbl grip pkr on 2-3/8" tbg, set pkr @ 6152', tbg @ 6159'. Trtd perfs 6254-6274' w/150 gals 15% HCL-NE-LST acid, 1000 gal gelled 10# CaCl wtr, 1000 gal gelled LC, 1000 gal 15% acid, flushed w/ 24 BO. In 10 hrs swbd 26 BO & 104 BW. Rel pkr, POH w/tbg & pkr. RIH w/CIBP, set @ 6242'. Dmpd 1 sk cmt on top of BP. Perf'd 5½" csg 6205-6225' w/2 JSPF. RIH w/pkr on 2-3/8" tbg, set pkr @ 6195'. Acidized perfs 6205-6225' w/150 gal 15% HCL-NE -LST acid, 2000 gal 10# CaCl wtr, 2000 gal gelled LC, 1000 gal 15% HCL-LST-NE acid. Flushed w/24 BLO. Swbd 29 BO & 10 BW in 2 hrs. Kicked off flwg. On 24 hr potential test 7/10/79 flwd 317 BO, 0 BW & 120 MCFG on 48/64" ck, FTP 90#. GOR 340:1. Final Report.

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

SIGNED SRK for L.D. Gove TITLE Dist. Drlg. Supt. DATE 7/17/79

APPROVED BY W.A. Gressett TITLE SUPERVISOR, DISTRICT II DATE JUL 20 1979

CONDITIONS OF APPROVAL, IF ANY: