

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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SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐		5a. Indicate Type of Lease State ☒ Fee ☐	
2. Name of Operator ARCO Oil and Gas Company Division of Atlantic Richfield Company		5. State Oil & Gas Lease No. B-2071-24	
3. Address of Operator Box 1710, Hobbs, New Mexico 88240		7. Unit Agreement Name Empire Abo Pressure Maintenance Project	
4. Location of Well UNIT LETTER L 2400 FEET FROM THE South LINE AND 500 FEET FROM THE West LINE, SECTION 34 TOWNSHIP 17S RANGE 28E NMPM.		8. Farm or Lease Name Empire Abo Unit "G"	
15. Elevation (Show whether DF, RT, GR, etc.) 3661.4' GR		9. Well No. 334	
		10. Field and Pool or Wildcat Empire Abo	
		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 ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOBS ☒ Prod	OTHER ☒ Log, Perf, 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.

On 2/15/79 encountered water flow 1710-2250' ARO 1 gal/min. Water flow stopped on 2/16/79. Fin drlg 7-7/8" hole to 6350' TD @ 5:00 PM 2/26/79. Ran GR-DLL w/RXO & GR-CNL w/FDC. RIH w/5-1/2" OD 15.5# K-55 csg, set @ 6350'. DV tool @ 2984'. Cmtd 1st stage w/450 sx HLC w/5#/sk Gilsonite, 1/4# flocele/sk, 2% CaCl, followed by 200 sx Thik-set cmt, 2% CaCl. Opened DV tool, circ 80 sx cmt. Cmtd 2nd stage w/950 sx Thik-set cmt w/2% CaCl. Circ 100 sx cmt to surf. WOC 120 hrs. WIH w/bit, drld DV tool @ 2984'. CO to 6319'. Ran CBL 6314-4300' OK. RIH w/perf tools on 2-3/8" OD tbg & pkr. Set pkr @ 6184'. Dropped bar, perf'd Abo 6230-6242'. POH w/perf tools, tbg & pkr. RIH w/pkr on 2-3/8" OD tbg, set pkr @ 5986'. Acidized perfs @ 6230-42' w/2000 gals gel CaCl wtr, 2000 gal gelled LC, 1500 gals 15% HCL-LSTNE-FE acid, flushed w/LC. Swbd perfs 8-1/2 hrs, rec 47 BLO & 32 BLW. 15 hr SITP 200#. Acidized w/2000 gals LC, 2500 gals 15% HCL-LSTNE-FE acid, flushed w/LC. Swbd 9 hrs, rec 48 BLO, 17 BNO & 49 BW. Inst pmpg equipment. On 24 hr test 4/18/79 pmpd 239 BO, 7 BW & 116 MCFG. GOR 485:1. 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 4/25/79

APPROVED BY *[Signature]* TITLE SUPERVISOR, DISTRICT II DATE APR 27 1979

CONDITIONS OF APPROVAL, IF ANY: