

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

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SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

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MAY 8 1979

O. C. C.

ARTESIA, OFFICE

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 & Gas Company Division of Atlantic Richfield Company		8. Farm or Lease Name Empire Abo Unit "F"
3. Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240		9. Well No. 363
4. Location of Well UNIT LETTER <u>H</u> <u>2250</u> FEET FROM THE <u>North</u> LINE AND <u>1250</u> FEET FROM THE <u>East</u> LINE, SECTION <u>34</u> TOWNSHIP <u>17S</u> RANGE <u>28E</u> N.M.P.M.		10. Field and Pool, or Wildcat Empire Abo
11. Elevation (Show whether DF, RT, GR, etc.) 3663.3' 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 ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐		CASING TEST AND CEMENT JOB ☒	Production Csg ☒
OTHER ☐		OTHER <u>Log, Perforate, Acidize & Complete</u> ☒	

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 4-11-79 while drlg 7-7/8" hole water flowed ARO 6-1/4 gal/min. Water flow continued to 6350' TD. Finished drlg 7-7/8" hole to 6350' TD @ 1:45 AM 4-20-79. Ran CNL-FDC w/caliper & DLL w/RXO logs. RIH w/5-1/2" OD 15.5# K-55 csg set @ 6348'. DV tool @ 2980'. Cmtd 1st stage w/25 BW, 10 bbls SAM-5 spacer, 10 BW, 525 sx HL cmt w/2% CaCl followed by 200 sx C1 C Thik set cmt w/2% CaCl. Circ 67 sx cmt to pit. Cmtd 2nd stage thru DV tool @ 2980' w/15 BW, 875 sx C1 C Thik-set w/2% CaCl. Circ 78 sx to pit. WOC 72 hrs. Drld out DV tool & cmt. Ran CBL, OK. Perfd Abo 6220-6230' w/2 JSPF. RIH w/Mod R Pkr on 2-3/8" tbg, set pkr @ 6185'. Acidized perfs 6220-6230' w/150 gals 15% HCL-LSTNE-FE acid, 1000 gals CaCl wtr, 1000 gals LC, 1500 gal 15% HCL-LSTNE-FE acid, flushed w/25 BLC. Swbd 3 hrs, kicked off flwg. On 24 hr potential test 5-2-79 flwd 576 BO, 0 BW, 264 MCFG, 75# FTP, 48/64" ck, GOR 458:1. 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 5-7-79

APPROVED BY [Signature] TITLE SUPERVISOR, DISTRICT II DATE MAY 10 1979

CONDITIONS OF APPROVAL, IF ANY: