

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

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Form C-103
Revised 12-1-78

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MAY 24 1979

5a. Indicate Type of Lease	
State ☒	Fee ☐
5. State Oil & Gas Lease No. B-11538-7	
7. Unit Agreement Name Empire Abo Pressure Maintenance Project	
8. Farm or Lease Name Empire Abo Unit "C"	
9. Well No. 361	
10. Field and Pool, or Wildcat Empire Abo	
12. County Eddy	

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG OR TO ABANDON A WELL. USE APPLICATION FOR PERMIT - FORM C-101 FOR SUCH PROPOSALS.)

OIL WELL ☒ GAS WELL ☐ OTHER ☐

Name of Operator **ARCO Oil and Gas Company** ✓
Division of Atlantic Richfield Company

Address of Operator
Box 1710, Hobbs, New Mexico 88240

Location of well
UNIT LETTER **I** **2400** FEET FROM THE **South** LINE AND **300** FEET FROM
THE **East** LINE, SECTION **34** TOWNSHIP **17S** RANGE **28E** NMPM.

15. Elevation (Show whether DF, RT, GR, etc.)

3670.5' GR

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 JOB ☒ Prod Csg	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.

Fin drlg 7-7/8" hole to 6350' TD @ 4:30 AM 2/26/79. Ran GR-DLL w/RXO & GR-CNL/FDC logs. RIH w/ 5-1/2" OD 15.5# K-55 csg, set @ 6350'. DV tool @ 4507'. Cmtd 1st stage w/25 BFW, 10 bbls Chem wash, 10 BFW, 200 sx 50/50 Poz Cl C, 4% gel, 1/4# celloflake/sk, 5# Kolite/sk, 2% CaCl followed by 215 sx Reg FC w/12% Gypseal & 2% Cal. Circ 85 sx cmt. Cmtd 2nd stage thru DV tool w/1100 sx 50/50 Poz w/8# salt/sk followed by 200 sx RFC w/12% Gypseal, 2% CaCl. PD @ 2:30 PM 3/1/79. Circ 200 sx cmt to pit. Cmt circ to surf. WOC 72 hrs. RIH w/bit, tagged TOC @ 4430', drld cmt & DV tool @ 4507' & CO hole to FC @ 6315'. Press tstd csg to 1000# 30 mins OK. Ran CBL/GRN log, good bond. Ran Vann Gun perf tool on 2-3/8" OD tbg, set pkr @ 6220'. Dropped bar, fired guns & perf'd Abo 6268-6288' w/2 JSPF. Swbd 7-1/2 hrs, rec 68 BFW, rel pkr & POH. Reran pkr & tbg, set pkr @ 5986', acidized perfs 6230-42' w/2000 gals gelled CaCl, 2000 gals gelled LC, 1500 gals 15% HCL-LSTNE-FE, flushed w/LC. In 8 hrs swbd 68 BW, tr gas, no oil. POH w/pkr & tbg. Ran cmt retr & set @ 6260'. Cmt squeezed Abo perfs 6268-88' w/75 sx LWL cmt & 50 sx Cl C w/2% CaCl. RO 115 sx cmt to pit. Perf'd Abo 6230-6240' w/2 JSPF. PBTD 6256'. RIH w/Model R on 2-3/8" tbg, set pkr @ 6107'. Acidized perfs w/150 gals 15% HCL-LSTNE-FE acid, 1500 gal gelled CaCl wtr, 1000 gal gelled LC, 1000 gal 15% HCL-LSTNE-FE acid, flushed w/18 BLC. Swbd 3-1/2 hrs, rec 26 BLO. Opened on 48/64" ck, flwd 20 BO & 3 BW in 4 hrs & died. Put on pump. On 24 hr potential test 5/17/79 pmpd 673 BO, 3 BW & 385 MCFG, 3100# hyd press, GOR 572:1. Final Report.

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

SIGNED Adon Lee TITLE Dist. Drlg. Supt. DATE 5/23/79

APPROVED BY W. A. Gressett TITLE SUPERVISOR, DISTRICT II DATE MAY 28 1979

CONDITIONS OF APPROVAL, IF ANY: