

O. - CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

NO. OF COPIES RECEIVED	5
DISTRIBUTION	
SANTA FE	1
FILE	1
U.S.O.S.	
LAND OFFICE	
OPERATOR	1

RECEIVED

MAY 23 1979

5a. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No.
647-340, 647-351

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DEEPER WELL. USE APPLICATION FOR PERMIT - (FORM C-101) FOR SUCH PROPOSALS.)

OIL WELL ☒ GAS WELL ☐ OTHER ☐	7. Unit Agreement Name Empire Abo Pressure Maintenance Project
Name of Operator ARCO Oil and Gas Company Division of Atlantic Richfield Company	8. Farm or Lease Name Empire Abo Unit "G"
Address of Operator Box 1710, Hobbs, New Mexico 88240	9. Well No. 314
Location of Well UNIT LETTER J 1450 FEET FROM THE South LINE AND 2000 FEET FROM East LINE, SECTION 33 TOWNSHIP 17S RANGE 28E NMPM.	10. Field and Pool, or Wildcat Empire Abo
15. Elevation (Show whether DF, RT, GR, etc.) 3661.7' 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 ☐	OTHER ☐	CASING TEST AND CEMENT JOBS ☒ Prod Csg	OTHER Log, DST, Perf, Treat & Complete ☒

7. 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 11" hole to 6370' TD @ 9:00 PM 4/17/79. Ran GR-DLL w/RXO, GR-CNL-FDC w/caliper logs. DST #1 Abo 6045-6070'. TO @ 7 AM 4/19/79. SI 8 mins. Open to pit, GTS immed, liquid to surf 15 mins. On 1 hr test flwd ARO 160 BOPD, 307 MCFGPD on 1/2" ck, GOR 1883:1. FTP 440#. Closed tool @ 10:35 AM 4/19/79. DST #2 Abo 6008-6033'. TO @ 12:07 PM 4/19/79. SI 10 mins. Opened to pit, rate 68 mins later 5.75 MMCFPD, FTP 395# on 3/4" ck. Closed tool @ 1:28 PM. TO 1 hr 21 mins rec in DC, 10' free oil 41° API gvtg, 410' fm wtr, 60' drlg fluid. RIH w/5-1/2" OD 15.5# K-55 csg set @ 6369', FS set @ 6369'. FC set @ 6328', DV tool set @ 2983'. Cmtd 1st stage w/525 sx Lite cmt, 5# Gilsonite, 5# salt, 1/4# flocele/sk followed by 255 sx 50/50 Pozmix, 2% gel, 9# salt, 1/4# flocele/sk. Circ 75 sx thru DV tool. Cmtd 2nd stage thru DV tool w/875 sx Thik-set w/2% CaCl. Circ 35 sx cmt to pit. Cmt circ to surf. WOC 108 hrs. DO cmt & DV tool @ 2983'. Pressure tstd csg to 1000# 30 mins OK. CO to 6328'. Ran CBL, OK. Perf'd Abo 6224-6234' w/2 JSPF. Ran Model R-3 pkr on 2-3/8" OD tbg, pkr set @ 6196'. Treated perfs 6224-6234' w/150 gals 15% LSTNE-FE, 1500 gals 10# CaCl wtr, 1500 gals 15% LSTNE-FE acid, flushed w/24 BLC. Swab 2 hrs, rec 27 BO & 21 BW. SITP 100#. Swbd 30 BO, 25 BW. RIH w/CIBP, set @ 6199'. Perf'd 6158-6178' w/2 JSPF. RIH w/Mod R pkr on 2-3/8" tbg, set pkr @ 6135'. Trtd perfs 6158-6178' w/150 gals 15% HCL-LSTNE-FE acid, 1000 gal 10 ppg gelled CaCl wtr, 1000 gal gelled LC, 1500 gal 15% HCL-LSTNE-FE acid, flushed w/21 BLC. Swbd 1 hr, rec 23 BLO, 18/64" ck, FTP 50#. Well kicked off flwg. On 24 hr potential test 5/13/79 flwd 252 BO, 2 BW & 167 MCFG, 75# FTP, 48/64" ck, GOR 663:1.

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

SIGNED <u>W. A. Gressett</u>	TITLE <u>Dist. Drlg. Supt.</u>	DATE <u>5/21/79</u>
APPROVED BY <u>W. A. Gressett</u>	TITLE <u>SUPERVISOR, DISTRICT II</u>	DATE <u>MAY 24 1979</u>
CONDITIONS OF APPROVAL, IF ANY:		