

OIL CONSERVATION DIVISION

P. O. BOX 2038

SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-73

NO. OF COPIES RECEIVED	3
DISTRIBUTION	
SANTA FE	1
FILE	1
U.S.G.S.	
LAND OFFICE	
OPERATOR	1

5a. Indicate Type of Lease	
State ☒	Free ☐
5. State Oil & Gas Lease No.	
647-368	647-320
647-363	

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 ☐		RECEIVED AUG 23 1979 O. C. C. ARTESIA, OFFICE		7. Unit Agreement Name Empire Abo Pressure Maintenance Project	
2. Name of Operator ARCO Oil and Gas Company Division of Atlantic Richfield Company				8. Farm or Lease Name Empire Abo Unit "J"	
3. Address of Operator Box 1710, Hobbs, New Mexico 88240				9. Well No. 235	
4. Location of Well UNIT LETTER G, 1750 FEET FROM THE North LINE AND 1600 FEET FROM THE East LINE, SECTION 6 TOWNSHIP 18S RANGE 28E NMPM.				10. Field and Pool, or Wildcat Empire Abo	
15. Elevation (Show whether DF, RT, GR, etc.) 3672.9' 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 ☐	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 JOBS ☒	Production
OTHER ☐		OTHER Log, Run 5 1/2" Csg & Cmt, Perf, Treat & 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 to 6300' TD @ 4:00 AM 6/18/79. Ran GR-Comp Neutron Density, Dual Induction Laterlog & Micro Laterolog. RIH w/5 1/2" OD 15.5# K-55 csg, set @ 6352'. DV tool set @ 3023'. Cmtd 1st stage w/25 BW, 10 bbls SAM-5, 2% CaCl, 10 BW, 650 sx Hal-Lite, 5# Gilsonite, 1/4# flocele, 6# salt/sk, 2% CaCl followed by 200 sx Cl C Thik-set, 2% CaCl. PD @ 4:45 PM 6/20/79. Circ 70 sx cmt. Cmtd 2nd stage w/25 BW, 1100 sx Thik-set Cl C cmt, 2% CaCl. PD @ 8:45 PM 6/20/79. Circ 200 sx cmt. WOC 48 hrs. Ran CBL 3000-6321'. Press tested csg to 1000# 30 mins OK. Drld DV tool, good bond. Perf'd Abo 6264-6284' w/2 JSPF. RIH w/Model R pkr & SN, set @ 6235'. Acidized perfs 6264-6284' w/1150 gals 15% HCL-LSTNE-FE acid, 24 bbls gelled oil, 24 bbls 15% HCL-LSTNE-FE acid, 24 BLO. In 10 hrs swbd 31 BLO & 26 BLW. Treated w/2000 gals LC, 3000 gals 15% HCL-LSTNE-FE acid, flushed w/24 BLO. Swbd 4 1/2 hrs, rec 21 BO, 40 BW. Ran PFC & Vertilog. Ran cmt retr, set retr @ 6245'. Cmtd perfs w/75 sx Cl C w/6/10 of 1% Halad-9 & 50 sx Cl C w/2% CaCl. 10' of cmt on top of retr. RO 5 sx cmt to pit. Perf'd Abo 6190-6207' w/2 JSPF. RIH w/Model R pkr on 2-3/8" tbg. Set pkr @ 6142'. Pmpd 150 gals acid, 1000 gal gelled CaCl, 1000 gal gelled LC. Acidized w/2000 gal 15% HCL-LSTNE-FE acid, flushed w/LC. In 5 1/2 hrs swbd 35 BO & 20 BW. Swbd & flwd 71 BNO in 10 hrs. On 24 hr potential test 8/14/79, flwd 146 BO, 0 BW & 102 MCFG on 48/64" ck, GOR 699:1. 70# FTP. 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 8/22/79

APPROVED BY [Signature] TITLE SUPERVISOR, DISTRICT II DATE AUG 24 1979

CONDITIONS OF APPROVAL, IF ANY: