

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

NO. OF COPIES RECEIVED	3
DISTRIBUTION	
SANTA FE	/
FILE	/
U.S.O.S.	
LAND OFFICE	
OPERATOR	/

5a. Indicate Type of Lease	
State ☒	Fee ☐
5. State Oil & Gas Lease No.	
E-7116	

SUNDRY NOTICES AND REPORTS ON WELLS

RECEIVED

(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-		APR 18 1979	7. Unit Agreement Name Empire Abo Pressure Maintenance Project
2. Name of Operator ARCO Oil and Gas Company Division of Atlantic Richfield Company		O. C. C. ARTESIA, OFFICE	8. Farm or Lease Name Empire Abo Unit "F"
3. Address of Operator Box 1710, Hobbs, New Mexico 88240			9. Well No. 354
4. Location of Well UNIT LETTER <u>G</u> , <u>1850</u> FEET FROM THE <u>North</u> LINE AND <u>2550</u> FEET FROM THE <u>East</u> LINE, SECTION <u>34</u> TOWNSHIP <u>17S</u> RANGE <u>28E</u> NMPM.		10. Field and Pool, or Wildcat Empire Abo	
15. Elevation (Show whether DF, RT, GR, etc.) 3666.9' GR		12. County Eddy	

16. 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 <u>Log, Perf, 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 3/19/79 encountered water flow @ 2047' ARO 114 BPD. Water flow stopped @ 2770'. Waterflow returned @ 3236' ARO 120 BPD. Waterflow stopped @ 3685'. Fin drlg 7-7/8" hole to 6350' @ 1:15 PM 3/29/79. Ran DLL w/RXO, GR, CNL-FDC. RIH w/5-1/2" OD 15.5# K-55 8rd csg, set @ 6350'. DV tool @ 3791', FC @ 6317', FS @ 6350'. Cmdt 1st stage w/325 sx HLW, 5# Gilsonite, 5# salt/sk, 1/4# flocele/sk & 350 sx 50/50 Lite Poz, 2% CaCl & 3# salt/sk. PD @ 5:30 PM 3/30/79. Op DV tool, circ 200 sx cmt to pit. Cmdt 2nd stage w/1250 sx Thik-set cmt cont'g 2% CaCl. Circ 200 sx cmt to pit. Circ cmt to surf. WOC 48 hrs. DO DV tool @ 3854'. Press tested 5-1/2" csg to 1500# 30 mins OK. CO to 6346' PBD. Ran CBL, bond good TD-5790'. Perf'd Abo 6198-6208' w/2 JSPF. RIH w/Mod R pkr on 2-3/8" OD tbg to 6119'. Acidized perfs w/150 gals 15% HCL-LSTNE-FE, 1000 gal 10# gel CaCl wtr, 1000 gal gel LC, 1500 gal 15% HCL-LSTNE-FE, flushed w/20 BLC. Swbd 1-1/2 hrs, well kicked off flwg. Swbd & flwd 55 BO & 40 BW. On 24 hr potential test 4/9/79 flwd 483 BO, 0 BW & 246 MCFG, 100# FTP, 48/64" ck, GOR 509:1. Final Report.

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

SIGNED <u>[Signature]</u>	TITLE <u>Dist. Drlg. Supt.</u>	DATE <u>4/11/79</u>
APPROVED BY <u>[Signature]</u>	TITLE <u>SUPERVISOR, DISTRICT II</u>	DATE <u>APR 20 1979</u>
CONDITIONS OF APPROVAL, IF ANY:		