

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

SEP 21 1979

Form C-103
Revised 10-1-78

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LAND OFFICE	
OPERATOR	1

O. C. C.
ARTESIA, OFFICE

5a. Indicate Type of Lease	State ☒ Fee ☐
5. State Oil & Gas Lease No.	OG-693

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- ☐
2. Name of Operator ARCO Oil & Gas Company Division of Atlantic Richfield Company
3. Address of Operator P.O. Box 1710, Hobbs, New Mexico 88240
4. Location of Well UNIT LETTER <u>I</u> <u>1310</u> FEET FROM THE <u>South</u> LINE AND <u>590</u> FEET FROM THE <u>East</u> LINE, SECTION <u>2</u> TOWNSHIP <u>18S</u> RANGE <u>27E</u> N.M.P.M.
15. Elevation (Show whether DF, RT, GR, etc.) 3558.7' GR

7. Indicate Name of Project Empire Abo Pressure Maintenance Project
8. Farm or Lease Name Empire Abo Unit "K"
9. Well No. #161
10. Field and Pool, or Wildcat Empire Abo
12. County Eddy

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐
PULL OR ALTER CASING ☐	OTHER ☐

SUBSEQUENT REPORT OF:	
REMEDIAL WORK ☐	ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOBS ☒	Production Casing
OTHER <u>Log, perforate, acidize & complete</u> ☒ as Oilwell.	

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.

Finished drlg 7- 7/8" hole to 6225' TD @ 1 AM 7-10-79. Ran DLL & MLL, CNL & Comp Neutron, GR-Neutron, Caliper log. RIH w/ 5-1/2" OD 15.5# K-55 csg set @ 6225'. FC set @ 6181'. FS set @ 6225', DV tool set @ 4011'. Cmtd 5-1/2" csg 1st stage w/ 25 BW, 10 bbls SAM-5, 10 BW, 425 sx HL, 5# Gilsonite, 1/4# flocele, 6# salt/sk, 2% Ca Cl, followed by 200 sx Cl C Thik-set, 2% Ca Cl. PD @ 7 AM. Circ 55 Sx cmt to pit. Cmtd 2nd stage w/ 25 BW, 1275 sx Cl C Thik-set, 2% Ca Cl. PD @ 11:15 AM 7-11-79. Circ 100 sx to pit. WOC 120 hrs. Drld DV tool @ 4011', CO to 6182'. Pressure tested csg to 1000# for 30 mins. OK. Ran CBL. Perf'd 6107-6117' w/ 2 JSPF. RIH w/ dbl grip pkr, set pkr @ 6064'. Acidized perfs 6107-6117' w/150 gals 15% HCL-LSTNE-FE acid, 1000 gals 10# gel Ca Cl wtr, 1000 gals gel LC, 1000 gals 15% HCL-LSTNE-FE acid, flushed w/ 23 BLC. In 10 hrs swbd 38 BO & 20 BW. POH w/ tbg & pkr. RIH w/ tbg, rods & rod pump. On 24 hr. potential test 9-14-79, pmpd 134 BO, 7 BW, 82 MCFG on 12-86" SPM, GOR 612:1. 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 7-19-79

APPROVED BY [Signature] TITLE SUPERVISOR, DISTRICT DATE SEP 25 1979

CONDITIONS OF APPROVAL, IF ANY: