

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

RECEIVED

FEB 1 1980

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

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- ARTESIA, OFFICE	7. Unit Agreement Name Empire Abo Unit Pressure Maintenance Project
2. Name of Operator ARCO and Gas Company Division of Atlantic Richfield Company	8. Farm or Lease Name Empire Abo Unit "F"
3. Address of Operator Box 1710, Hobbs, New Mexico 88240	9. Well No. 29
4. Location of Well UNIT LETTER E 1980 FEET FROM THE North LINE AND 620 FEET FROM THE West LINE, SECTION 33 TOWNSHIP 17S RANGE 28E NMPM.	10. Field and Pool, or Wildcat Empire Abo
15. Elevation (Show whether DF, RT, GR, etc.) 3674' 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 ☐	

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.

RU 1/13/80, killed well, installed BOP & POH w/compl assy. Dug cellar out, repaired 8-5/8" csg collar below wellhead. RIH w/RBP, set BP @ 5116' w/2 sx sd on top. Ran CBL. Found TOC @ 2058'. Perf'd 4 holes 2008-10'. RIH w/pkr, set @ 1949', estab circ. RIH w/cmt retr, set retr @ 1950'. Pmpd 20 BFW, 20 bbls caustic solution w/LST, 20 BFW, 700 sx Westolite, 6% gel, 200 sx C1 C w/2% CaCl between 4 1/2" x 8-5/8" csg annulus. ^{Circ}WOC 29 hrs. Drld cmt & cmt retr @ 1950'. Drld cmt to 2010'. Press tested csg to 1500#, had pressure drop. Found leak around WH. Repaired wellhead. Press tested csg to 750# 30 mins OK. Circ sd off BP, POH w/BP @ 5116'. RIH w/KVL-30 pkr on 2-3/8" tbg, set pkr @ 5770'. Filled tbg/csg annulus w/2% KCL wtr & corrosion inhibitor. Water flow repaired eff 1/29/80. Well SI. 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 1/31/80

APPROVED BY [Signature] TITLE SUPERVISOR, DISTRICT II DATE FEB 4 1980

CONDITIONS OF APPROVAL, IF ANY: