

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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OIL CONSERVATION ~~DESIGN~~ **DESIGN D**

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

OCT 12 1979

O. C. C.
ARTESIA, OFFICE

Form C-103
Revised 10-1-78

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 ☐	7. Unit Agreement Name
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. 23
4. Location of Well UNIT LETTER <u>G</u> <u>1980</u> FEET FROM THE <u>North</u> LINE AND <u>1980</u> FEET FROM THE <u>East</u> LINE, SECTION <u>6</u> TOWNSHIP <u>18S</u> RANGE <u>28E</u> NMPM.	10. Field and Pool, or Wildcat Empire Abo
15. Elevation (Show whether DF, RT, GR, etc.) 3671' 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 ☐	
		OTHER <u>Squeeze & Complete Lower in Reef</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 4/20/79 rigged up, killed well, installed BOP, POH w/compl assy. RIH w/cmt retri, set retri @ 6088'. Squeeze cmt d perfs 6131-47' w/100 sx C1 C w/.6% Halad-9 & 50 sx C1 C cmt w/2% CaCl. RO 50 sx. WOC. Drld out cmt & retri @ 6088', drld FC & cmt to 6240'. Ran CBL 6240-4240', good bond, TOC @ 4950'. Perf'd Abo lower 6225-6235' w/2 JSPF. RIH w/pkr, set pkr @ 6200'. Attempted to acidize, RO acid & wtr. Set CIBP @ 6165'. RIH w/cmt retri, set retri @ 6107'. Cmt squeezed perfs 6131-6147' w/100 sx C1 C w/2% CaCl. RO 60 sx. WOC. Drld out cmt retri to 6170'. CO to 6240'. Perforated 6225-6235' w/2 JSPF. RIH w/pkr, set pkr @ 6200'. Acidized perfs 6225-6235' w/150 gals 15% HCL-LSTNE-FE acid, could not break formation. Perf'd 6184-6194' w/2 JSPF. RIH w/pkr, set pkr @ 6173'. Treated perfs 6184-94' w/150 gals 15% HCL-LSTNE-FE acid followed by gelled LC. No treatment, tbg leaking. POH w/tbg & pkr. RIH w/pkr & tbg, set pkr @ 6155'. Trtd perfs 6184-94' w/150 gals 15% HCL-LSTNE-FE acid, 1000 gals gelled LC, 1500 gals 15% HCL-LSTNE-FE acid, MP 2400#. On 5/22/79 flwd 8 BO, 35 MCFG in 1 hr on 10/64" ck, GOR 4375:1. 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 10/10/79

APPROVED BY [Signature] TITLE SUPERVISOR, DISTRICT II DATE OCT 15 1979

CONDITIONS OF APPROVAL, IF ANY: