

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

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OPERATOR	1

MAR 5 1980

O.C.D.

5a. Indicate Type of Lease
State ☒ Fee ☐

5. State Oil & Gas Lease No.
647

SUNDRY NOTICES AND REPORTS ON WELLS ARTESIA OFFICE
(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 and Gas Company Division of Atlantic Richfield Company
3. Address of Operator Box 1710, Hobbs, New Mexico 88240
4. Location of Well UNIT LETTER <u>E</u> , <u>1964.63</u> FEET FROM THE <u>North</u> LINE AND <u>330</u> FEET FROM THE <u>West</u> LINE, SECTION <u>34</u> TOWNSHIP <u>17S</u> RANGE <u>28E</u> NMPM.

7. Unit Agreement Name
Empire Abo Pressure Maintenance Project

8. Form of Lease Name
Empire Abo Unit "F"

9. Well No.
33

10. Field and Pool, or Wildcat
Empire Abo

15. Elevation (Show whether DF, RT, GR, etc.)
3677' RDB

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	☐
TEMPORARILY ABANDON	☐
PULL OR ALTER CASING	☐
OTHER	☐

PLUG AND ABANDON	☐
CHANGE PLANS	☐

REMEDIAL WORK	☐
COMMENCE DRILLING OPNS.	☐
CASING TEST AND CEMENT JOBS	☐

ALTERING CASING	☐
PLUG AND ABANDONMENT	☐

OTHER Squeeze Perfs & Cmt Squeeze 4 1/2" Csg ☒

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 2/5/80, killed well, installed BOP & POH w/compl assy. RIH w/RBP & pkr, set BP @ 6000'. Tstd BP to 800# OK. Spotted 2 sx sd on top of BP. RIH w/retr, set @ 5748'. Squeezed perfs 5802-72' w/20 BFW, 20 bbls caustic solution, 20 BFW, 100 sx C1 C LWL, 100 sx C1 C cmt w/2% CaCl. Rev out 52 sx cmt to pit. Ran CBL. Perf'd 4 1/2" csg 1376-1377' w/2 JSPF. Set cmt retr @ 1317'. Squeeze cmt thru perfs 1376-77' w/20 BFW, 20 bbls caustic & soap solution, 20 BFW, 200 sx Howco Lite, 200 sx C1 C w/2% CaCl. Squeezed 1 bbl cmt behind 4 1/2" csg. Circ 50 sx cmt to pit. Dmpd 20' cmt on top of retr. WOC. Drld out cmt & retr to 1404'. Press tested squeeze job to 1500# 30 mins OK. Drld cmt @ 5735', retr @ 5748', cmt to 5880', press tested squeeze perfs 5802-5872' w/1500# 30 mins OK. Washed sd off BP & rec BP @ 6000'. Drld & pushed Model D pkr @ 6150' & junk to 6250'. Drld up Model D pkr & CO to 6277' PBD. RIH w/compl assy, pkr, pump cavity on 2-3/8" tbg, set pkr @ 6121'. On 20 hr test 2/28/80 pumped lower Abo perfs 6184-6218', 6244-6254', 577 BO, 1 BW & 227 MCFG, GOR 393:1. 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 3/3/80

APPROVED BY [Signature]

TITLE SUPERVISOR, DISTRICT 1

DATE MAR 6 1980

CONDITIONS OF APPROVAL, IF ANY: