

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-D 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
P.O. Box 5540, Denver, Colorado 80217

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 790' FNL & 1120' FEL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH: Approx the same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

5. LEASE
NM 0607

6. IF INDIAN ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Atlantic "C"

9. WELL NO.
101

10. FIELD OR WILDCAT NAME
East Aztec Basin Dak.

11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA
6-30N-10W

12. COUNTY OR PARISH: 13. STATE
San Juan New Mexico

14. API NO.
30-045-25339

15. ELEVATIONS (SHOW DF, KDB, AND WD)
6121'

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

PULL OR ALTER CASING

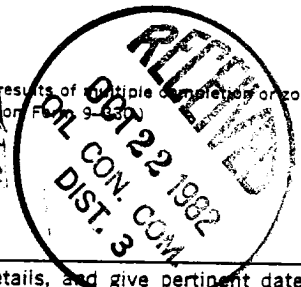
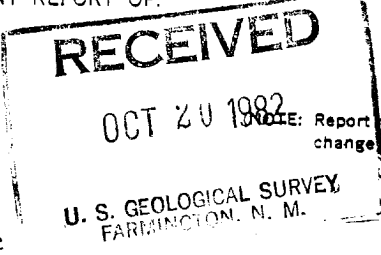
MULTIPLE COMPLETE

CHANGE ZONES

ABANDON*

(other) N.O. perf., acidize, and frac

SUBSEQUENT REPORT OF:



17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

MI & RU Completion Unit. Drld cmt. Ran CBL. Spotted 200 gal 15% HCL w/2 gal/1000 NIS, 100#/1000 SI 227, 1 gal/1000 NWE-227 f/7403-7100'. Perf'd Dakota "D" from 7354-7379' & 7384-7394' w/35 shots. Treated w/1000 gal 15% NCL w/2 gal NIS161, 100# NSI227, 1 gal NNE227 w/45 ball sealers. Flush w/32 bbl 2% KCL wtr. Swb'd. Frac'd using 75,936 gal fluid, frac II LR-40, 2% CKL wtr, w/40#/1000 gal NWP-12, 1 gal/1000 NNE257H, 1/2 gal/1000 NCS227, 1/4 gal/100 NBA 570, 0.6 gal/1000 gal NCA 570, 500 SCF/bbl CO₂ & 6000# 100 mesh sand & 161,674# 20/40 mesh sand. Circl & clean out. Perf'd Dakota A, B, & C @ 7121, 23, 7213, 16, 19, 21, 23, 26, 29, 68, 70, 72, 74, 78, 81, 84, 87. Acidized w/1000 gal 15% HCL & 42 ball sealers. Swb'd & flw'd. Frac'd using 46,363 gal frac II LR-45, 13,440 gal frac II LR-60, 35 tons CO₂, 7500# 100 mesh sand, 63,008# 20/40 mesh sand. Fluid contained 1 gal/1000 non-emulsifier, 1/2 gal/1000 clay stabilizer, 1/4 gal/1000 bacteriacide, 0.6 gal/1000 cross linker 2% KCL, 500 std ft³/bbl CO₂. Swb'd. Reperf'd Dakota (over)

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED W.A. Walther, Jr. TITLE Acting District Manager DATE 10-13-82

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: _____

ACCEPTED FOR RECORD

NMOCC

*See Instructions on Reverse Side

OCT 21 1982

BY SM

B & C 7214-28' & 7269-86'. Swb'd. Circl. Spot 500 gal 15% HCL w/inhibitor, surfactant & demulsifier f/6535-5767'. Perf'd Gallup @ 6276, 78, 80, 82, 6318; 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 43, 45, 47, 49, 51, 53, 55, 57, 80, 82, 84, 86, 88, 90, 6424, 26, 28, 30, 42, 44, 46, 91, 93, 95, 97, 99, 6517, 19, 21, 23, 25, 27. Acidized w/2000 gal 15% HCL w/Cla-sta, inhibitor, surfactant, non-emulsifier w/96 ball sealers. Swb'd. Frac'd using 186,570 gal fluid containing 2% diesel, GDX-7 40# cross link gel w/2% KCL, 1 gal/1000 SAA-1, 1 gal/1000 CSP-3, .25#/1000 BCS-1 20# WEB-1 & 50# WCB-1 & 388,000# 20/40 mesh sand. Swb'd. Landed tbl. Released rig 8/18/82.