ABANDON\* N.O. perf, Frac & acidize

REQUEST FOR APPROVAL TO: TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL

PULL OR ALTER CASING

MULTIPLE COMPLETE CHANGE ZONES

(other)

APPROVED BY

## UNITED STATES DEPARTMENT OF THE INTER **GEOLOGICAL SURVEY**

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	5. LEASE SF 078863 6. IF INDIAN, ALLOTTEE OR TIRIBE NAME
	7. UNIT AGREEMENT NAME
reservoir. Use Form 9–331–C for such proposals.)	8. FARM OR LEASE NAME Krause WN Federal
2. NAME OF OPERATOR ARCO Oil and Gas Company	9. WELL NO. 8E
Division of Atlantic Richfield Company  3. ADDRESS OF OPERATOR	10. FIELD OR WILDCAT NAME Basin Dakota
P. O. Box 5540, Denver, Colorado 80217  4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 29-28N-11W
AT SURFACE: 1595' FNL & 2170' FWL AT TOP PROD. INTERVAL: AT TOTAL DEPTH: Approx the same	12. COUNTY OR PARISH 13. STATE San Juan New Mexico
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA	14. API NO. 30-045-24123 15. ELEVATIONS (SHOW DF, KDB, AND WD) 5750' GL

(NOTE: Report results of multiple completion or zone

Set @

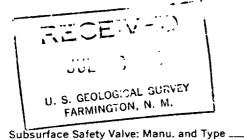
1.

change on Form 9-330.)

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.)\*

SUBSEQUENT REPORT OF:

Spotted 100 gals 15% MSR @ 6246'. Perf'd Dakota @ 6151',53,55, 56,58,6208,10,14,17,19,21,23,26,28,30,32,35,37'-18 holes. Spotted 100 gals acid @ 6006'. Treated with 1500 gals 15% MSR. Frac'd with 62,000 gals 2% KCL water, 216,000# 20/40 mesh sand, 11,000 gals pad & 4,000 gals flush.



CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD

3 1980

ARMINGTON

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

\_ TITLE Operations Managerate (This space for Federal or State office use)

\*See Instructions on Reverse Side