

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-C 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: 1025' FSL & 975' FEL  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH: Approx the same

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

REQUEST FOR APPROVAL TO:                      SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF	<input type="checkbox"/>	<input checked="" type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input type="checkbox"/>

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

5. LEASE  
SF 078863  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
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7. UNIT AGREEMENT NAME  
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8. FARM OR LEASE NAME  
Krause WN Federal  
9. WELL NO.  
4E  
10. FIELD OR WILDCAT NAME  
Basin Dakota  
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
33-28N-11W  
12. COUNTY OR PARISH | 13. STATE  
San Juan | New Mexico  
14. API NO.  
30-045-24486  
15. ELEVATIONS (SHOW DF, KDB, AND WD)  
5013' GL

(NOTE: Report results of multiple completion or zone 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.)\*

MI & RU Completion Unit. Ran logs. Set cement retainer @ 6320'. Squeezed with 75 sx Class "B" with 4/10% D-60. Spotted 200 gals 15% MSR-100 with 2gal/1000 gal L-53 cal-stabilizer from 6315'-6001'. Perf'd Dakota as follows: 6149', 51, 53, 6229, 31, 33, 37, 39, 41, 43, 48, 50, 55, 57, 60, 62, 65, 68, 91, 93, 96, 99, 6301, 03, 05, 07, 10' - 27 shots, 0.38" diameter hole. Pumped 2000 gals MSR-100 acid with 2 gal/1000 gal L-53 cla-stabilizer. Dropped 54 ball sealers. Frac'd with 12,000 gal pad, 84,000 gal 2% KCL wtr with 1 gal/1000 gal F-75, 1 gal/1000 gal M-76 & 2% condensate, 40# stratifrac II gel, 3,975 gal flush containing 2% KCL wtr with 2#/1000 gal friction reducer and 323,000# 20/40 mesh sand. Swabbed, flowed and completed.

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 Operations Manager DATE 4-8-81  
W. A. Walther, Jr.

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL IF ANY:

NMOCC

\*See Instructions on Reverse Side

APR 8 1981

BY 603