

MISSION UNITED STATES  
DEPARTMENT OF THE INTERIOR  
MEXICO 88240 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 1710, Hobbs, New Mexico 88240
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 660' FSL & 660' FWL  
AT TOP PROD. INTERVAL: as above  
AT TOTAL DEPTH: as above
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐  
FRACTURE TREAT ☐  
SHOOT OR ACIDIZE ☒  
REPAIR WELL ☐  
PULL OR ALTER CASING ☐  
MULTIPLE COMPLETE ☐  
CHANGE ZONES ☐  
ABANDON\* ☐

## SUBSEQUENT REPORT OF:

(other) Cmt squeeze OH, Perf same Zone

5. LEASE  
NM-0804
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME  
Gulf DE Federal
9. WELL NO.  
1
10. FIELD OR WILDCAT NAME  
Lynch Yates 7Rivers
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
27-20S-34E
12. COUNTY OR PARISH Lea 13. STATE  
New Mexico
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD)  
3728, 1' GR

(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.)\*

Propose to cmt squeeze open hole, perforate additional holes same zone and treat in the following manner:

1. Rig up, POH w/compl assy, install BOP.
2. Set cmt retr @ 3690' & cmt squeeze OH 3708-3720' w/amt & kind of cmt to be determined. Dump 35' of cmt on top of retr.
3. Perforate lower Yates approx 3590-3600'. Acidize w/2000 gals 15% HCL NEFE. Swab test. If not commercially successful, set cmt retr @ 3580' & cmt squeeze perfs. Dump 35' of cmt on top of retr.
4. Perforate Upper Yates approx 3500-3470'. Acidize perfs w/3000 gals 15% HCL NEFE acid. If necessary frac treat w/20,000 gal gel and 25,000# sd. Swab test. Run compl assy & return to production.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED James A. Gillham TITLE Drlg. Engr. DATE 12/27/82

(This space for Federal or State office use)

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

\*See Instructions on Reverse Side

APPROVED

JAN 3 1983  
JAMES A. GILLHAM  
DISTRICT SUPERVISOR