

**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 ☒ gas ☐  
well well other

2. NAME OF OPERATOR ARCO Oil & 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: 990' FNL & 990' 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: SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input checked="" type="checkbox"/>	Same	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input checked="" type="checkbox"/>	Zone	<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)			

5. LEASE  
NM082

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Ballard DE Federal

9. WELL NO.  
#3

10. FIELD OR WILDCAT NAME  
Lynch Yates 7RQ

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
27-20S-34E

12. COUNTY OR PARISH | 13. STATE  
Lea | New Mexico

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
3677' RKB

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

**RECEIVED**  
MAR 03 1981

U. S. GEOLOGICAL SURVEY  
HOBBS, NEW MEXICO

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 add perfs in same zone, acidize & frac in the following manner:

1. Rig up, install BOP, POH w/comp assy. CO to 3600' PBD. Circ hole w/2% KCL wtr Set RBP @ 3569'.
2. Spot 15% HCL acid across zone to be perfd.
3. Perforate additional Yates 7R zone 3495-3500', 3526-36', 3554-59' w/1JSPF (23 holes).
4. RIH w/pkr, set @ 3420'. Acidize w/1500 gals 15% LSTNE. Blowout Preventer Program attached. Frac perfs 3495-3559' w/21,000 gals gelled wtr & 32,000# sd. Swab test. Rec BP.
5. RIH w/comp assy & return all perfs to prod.

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

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

SIGNED Jerry W. Schmidt TITLE Dist Drlg. Supt. DATE 2-24-81

(This space for Federal or State office use)

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

\*See Instructions on Reverse Side

**APPROVED**  
FEB 27 1981  
K.E. Sage  
DISTRICT SUPERVISOR