

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:

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

SUBSEQUENT REPORT OF:

☐ Same Zone  
☒ Same Zone  
☐  
☐  
☐  
☐  
☐  
☐  
☐

5. LEASE  
NM-082

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 7R Qn

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

12. COUNTY OR PARISH 13. STATE  
Lea N M

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.)

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.)\*

Rig up on 3/03/81, POH w/rods & pump. Install BOP, POH w/tbg. RIH w/RBP, set BP @ 3573'. Pressure testd csg, repaired leak in csg @ surface. Pressure tested csg to 1400# for 30 mins. OK. Spot 200 gals 15% acid 3560-3360'. POH w/tbg. Ran GR-CCL, reset BP @ 3574'. Spot 200 gals 15% acid 3560-3360'. POH w/tbg. Perf additional Yates 7R Qn 3495-3500', 3526-3536, 3554-3559' w/1 JSPP. RIH w/pkr, set @ 3408'. Acidized perfs 3495-3559' w/1500 gals 15% HCl, flushed w/26.5 bbls 2% KCl wtr. In 9½ hrs swbd 8.7 BO, 4 BLW. Frac'd perfs 3495-3559' w/20,000 gal gel 32,000# sd, flushed w/25 bbls gel wtr. In 8½ hrs swbd 8.7 BO, 12.6 BLW, show of gas. Rel pkr & rec BP. RIH w/comp assy, set btm of MA @ 3570'. Ran rods & rod pump. In 24 hrs pmpd 5 BO, 37 BW, 266 MCFG, GOR 53,200:1. On 24 hr potential test 4/02/81 pmpd 12 BO, 2 BW, 285 MCFG on 15-48" SPM. GOR 23,750:1. Prod previous: 1 BO, 4 BW, 1 MCFG.

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

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

SIGNED Jerry J. Schmidt TITLE Dist Drlg Supt DATE 4/03/81

(This space for Federal or State office use)

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

ACCEPTED FOR RECORD

APR 8 1981

U.S. GEOLOGICAL SURVEY  
ROSWELL, NEW MEXICO