

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103  
Revised 10-1-79

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.O.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease  
State  Fee

5. State Oil & Gas Lease No.  
A-2614

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 "APPLICATION FOR PERMIT - " (FORM C-101) 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  
Box 1710, Hobbs, New Mexico 88240

4. Location of Well  
UNIT LETTER L 1980 FEET FROM THE South LINE AND 990 FEET FROM  
THE West LINE, SECTION 24 TOWNSHIP 22S RANGE 36E NMPM.

7. Unit Agreement Name \_\_\_\_\_

8. Farm or Lease Name  
McDonald WN State

9. Well No.  
30

10. Field and Pool, or Wildcat  
Jalmat Yates 7R Qn

15. Elevation (Show whether DF, RT, GR, etc.)  
3457.3' GR

12. County  
Lea

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data  
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input checked="" type="checkbox"/> Prod Csg	OTHER Log, Perf, Acidize, Treat & Complete <input checked="" type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Fin drlg 7-7/8" hole to 3512' on 8/1/82. Ran GR-CNL-FDC w/caliper, GR-DLL. RIH w/1906' 4 1/2" OD 11.60# K-55 & 1606' of 4 1/2" OD 10.50# K-55 csg, set @ 3512'. Cmt'd 4 1/2" csg w/675 sx Lite cmt cont'g 8#/sk salt, 1/2#/sk flocele followed by 300 sx Cl C cmt cont'g 2% CaCl2. Circ 79 sx cmt to surf. WOC. DO to 3495' PBD. Press test csg to 1000# for 30 mins OK. Ran CL. Perf'd w/1 JSPF @ 3285, 89, 98, 3301, 3464, 67' = 6 holes. RIH w/pkr, spot 15% NE FE acid across perfs. Set pkr @ 3202'. Treat perfs 3285-3467' w/2000 gals 15% HCL-NEFE acid w/1000 SCF N2/bbl. Flushed w/2% KCL wtr w/1000 SCF N2/bbl. In 10 hrs swbd 29 BLW. SITP 820#. Set RBP @ 3202'. Spot 200 gals 15% NEFE acid 3000-3202'. Perf'd w/1 JSPF @ 3036, 38, 43, 46, 3146, 48'. RIH w/pkr, set @ 2950'. Acidized perfs 3036-3148' w/2000 gals 15% NEFE acid cont'g 1000 SCF N2/bbl. Flwd back 1/2 hr & died. In 9 hrs swbd 14 BL. SITP 600#. Ran swab, no fluid. POH w/pkr, RBP & tbg. RIH w/pkr on 2-7/8" tbg. Set pkr @ 2940'. Frac'd perfs 3036-3467' w/60,000 gals cross-linked frac gel, 50% by volume CO2 & 52,000# 20/40 sd & 24,000# 10/20 sd. Flushed to top perfs w/slick 2% KCL w/50% by volume CO2. Flwd back to pit 19 hrs, rec 300 BLW. POH w/pkr & tbg. CO frac sd to 3490'. RIH w/compl assy. SN set @ 3434'. Swbd 60 BLW & well kicked off flwg. Flwd 2 hrs & died, rec CO2 & show of gas. In 7 hrs swbd 39 BLW w/show of oil. SITP 500#, SICP 600#. RIH w/2-3/8" tbg, btm tbg @ 3465', SN @ 3434'. Ran rods & 2" x 1 1/4" x 12' rod pump. On 24 hr potential test 9/23/82 pumped 0 BO, 1 BW, 65 MCFG. Completed as single gas well in Jalmat Yates Gas Pool. SI, WOPLC. Final Report.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED Richard P. Lawrence TITLE Drlg. Engr. DATE 10/14/82

ORIGINAL SIGNED BY JERRY SEXTON TITLE \_\_\_\_\_ DATE OCT 28 1982

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_