

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103  
Revised 10-1-78

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DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease  
State ☐ Fee ☒

5. State Oil & Gas Lease No.

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.)

OIL WELL ☒ GAS WELL ☐ OTHER -

Name of Operator ARCO Oil and Gas Company  
Division of Atlantic Richfield Company

Address of Operator  
P. O. Box 1710, Hobbs, New Mexico 88240

Location of Well

UNIT LETTER 0 660 FEET FROM THE South LINE AND 1980 FEET FROM  
THE East LINE, SECTION 1 TOWNSHIP 24S RANGE 36E NMPM.

7. Unit Agreement Name

8. Farm or Lease Name  
Frederick H. Curry WN

9. Well No.  
3

10. Field and Pool, or Wildcat  
Langlie Mattix 7R Qn

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

3344.6' GL

12. County  
Lea

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

PERFORM REMEDIAL WORK ☐  
TEMPORARILY ABANDON ☐  
PULL OR ALTER CASING ☐  
OTHER ☐

PLUG AND ABANDON ☐  
CHANGE PLANS ☐  
OTHER ☐

REMEDIAL WORK ☒  
COMMENCE DRILLING OPNS. ☐  
CASING TEST AND CEMENT JOB ☐  
OTHER ☐

ALTERING CASING ☐  
PLUG AND ABANDONMENT ☐  
OTHER ☐

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.

RU 3/23/81. Installed BOP. POH w/compl assy. Set pkr @ 3342'. Squeeze cmt'd perfs 3396-3724' w/400 sx C1 H cont'g 2% CaCl<sub>2</sub>. Final squeeze press 1750#. DO to 3662' PBTD. Perf'd 5½" csg @ 3609, 16, 24, 27, 32, 36, 46, 50, 54, 58' w/1 JSPF. Set pkr @ 3593'. Press up tbg/csg annulus to 500#, broke perfs 3609-3658' w/1650#, reset pkr @ 3593' & acidized perfs 3609-3658' w/1000 gals 15% NE-FE acid, flushed w/23 bbls KCL wtr. In 3½ hrs swbd 0 BO, 99 BW. POH w/pkr. Set cmt retr @ 3599'. Cmt squeezed perfs 3609-3658' w/200 sx C1 H cont'g 4% gel & 200 sx C1 H cmt cont'g 2% CaCl<sub>2</sub>. WOC. DO cmt & cmt retr to 3642'. Press test squeeze job & csg to 1500# for 30 mins OK. Perf'd 5½" csg @ 3609, 16, 24, 27, 32, 36'. Set pkr @ 3575' & broke perfs 3609-36' w/1400#. Acidized perfs 3609-3636' w/500 gals 15% NE-FE acid. In 9½ hrs swbd 9.5 BO, 124 BW. SITP 100#. Set RBP @ 3581'. Set pkr @ 3346'. Broke perfs 3396-3563' w/1000#. Acidized w/2000 gals 15% NE-FE acid. In 1½ hrs swbd 39 BAW. In 3 hrs swbd 1 BO, 83 BW, small amt gas. In 5½ hrs swbd 3 BO, 127 BW. Reset BP @ 3638' & pkr @ 3580'. Made 2 swab runs, csg on vacuum. POH w/RBP & pkr. RIH w/FB cmtr, set @ 3271'. Cmt squeezed perfs 3396-3636' w/400 sx C1 H cmt, cleared perfs w/5 BFW. WOC 4 hrs. Re-squeezed perfs 3396-3636' w/400 sx C1 H cmt. MP 3200#. WOC. DO cmt to 3578'. Press tested perfs 3396-3563' w/1600#, bled to 100# in 12 mins. Spot 200 gals 15% NE-FE acid 3573-3375', reset pkr @ 3286', pmpd 5 bbls 2% KCL wtr. Swbd back in 1 hr, 0 BO, 9 BW. Acidized perfs 3396-3563' w/1500 gals 15% NE-FE acid. Frac'd perfs 3396-3563' w/20,000 gals cross-linked gel, XL/4 & 20,000 gals of CO<sub>2</sub> & 60,800# sd. In ½ hr swbd 0 BO, 11 BW. On 7 hr test flwd 14 BW on 3/4" ck, FTP 50#, good gas volume. (cont'd on back of page)

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

SIGNED *Elizabeth J. Bush*

TITLE Drilling Engineer

DATE 5/20/82

ORIGINAL SIGNED BY  
JERRY SEXTON

APPROVED BY  
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

MAY 26 1982

RECEIVED  
MAY 26 1982  
C.D.P.  
AGENTS OFFICE