

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-79

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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 & Gas Company**
Division of Atlantic Richfield Company

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

Location of Well

UNIT LETTER **K** **1700** FEET FROM THE **South** LINE AND **1680** FEET FROM
THE **West** LINE, SECTION **20** TOWNSHIP **24S** RANGE **37E** NMPM.

15. Elevation (Show whether DF, RT, GR, etc.)
3286' DF

5a. Indicate Type of Lease

State ☐ Fee ☒

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name

W. H. Harrison "C" WN

9. Well No.

5

10. Field and Pool, or WHdcat

Jalmat Yates 7R Gas

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 ☐

REMEDIAL WORK ☐

COMMENCE DRILLING OPS. ☐

CASING TEST AND CEMENT JOBS ☐

OTHER **Squeeze cmt L-M, Perf add'l Jalmat
acidize & comp as a single gas well**

ALTERING CASING ☐

PLUG AND ABANDONMENT ☐

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.

Rigged up on 10/16/80, POH w/comp assy, installed BOP. Set RBP @3372', set pkr @ 3352', press test BP to 1500#, OK. Test csg to 1000#, OK. POH w/pkr. Ran CBL, found TOC @ 2050'. Spot 2 sx sd on BP. Perf'd 5 1/2" csg w/4 JS @ 2000'. Set cmt retr @ 1897'. Cmt perfs @ 2000' w/500 sx Cl C cmt w/2% CaCl₂. Circ 16 sx cmt. RO 3 sx cmt. WOC. Drld out cmt retr & cmt to 2004'. Press test csg to 1500# for 30 mins, OK. Circ sd off BP @ 3372'. Re-set BP @ 3437'. Set FB pkr @ 3367'. Loaded csg/tbg annulus w/2% KCL wtr, press up to 1000#, OK. In 3 hrs swbd 5 BO, 14 BW. Retr BP @ 3437'. RIH w/ FBRC pkr, set pkr @ 3431'. In 4 hrs swbd 11 BO, 78 BW, re-set pkr @ 3441', swbd 6 BO, 88 BW. POH w/pkr. RIH w/ cmt retr, set @ 3441'. Squeezed perfs 3451-3553' w/100 sx LWL cmt & 100 sx Cl C cmt w/2% CaCl₂. WOC. RIH w/bit, cmt @ 3439'. POH w/bit. RIH w/FB cmtr, set @ 3371'. In 4 hrs swbd 1 BO, 2 1/2 BW, no gas. Acidized perfs 3401-16' w/1000 gals 15% HCL-NE acid, flushed w/20 bbls 2% KCL wtr. In 2 hrs swbd 1 BO, 4 1/2 BW. POH w/pkr. Set BP @ 3365'. Spot 400 gal 10% acetic acid 3330-2900', displ hole w/2% KCL wtr @ 2850'. Perf'd 5 1/2" OD csg @ 2926', 36, 42, 63, 81, 98, 3005, 17, 28, 40, 58, 72, 81, 91, 97, 3109, 29, 38, 3149, 56, 76, 82, 94, 3204, 08, 27, 33, 49, 68, 84, 3308, 3326'. RIH w/retr head & FB cmtr, set FB cmtr pkr @ 2851'. In 2 hrs swbd 0 BO, 14 BW. Acidized perfs 2926-3326' w/3000 gals 15% HCL-NE acid, flushed w/20 bbls 2% KCL wtr. Swbd from 2850', no rec. Frac'd perfs 2929-3326' w/20,000 gals cross link gel, 20,000 gals CO₂ & 54,000# sd, flushed w/10# BW. Flwd back to clean up. In 17 hrs flwd 0 BO, 7 BW on 3/4" ck, TP 125-75# ARO 853 MCFGPD. POH w/pkr. CO w/bailer & bit to 3365'. Retrieved BP @ 3365'. RIH w/2-3/8" tbg, set @ 3392', SN @ 3358'. Ran 2"x1 1/2"x12' RWTC

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

WED **Jerry Sexton**

TITLE **Dist. Drlg. Supt.**

DATE **2/18/81**

Orig. Signed **Jerry Sexton**

Jerry Sexton

APPROVED BY **Dist. L. Supt.**
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

pump on rods. On 24 hr test 12/14/80 pmpd Jalmat perfs 2926-3416' 0 BO, 25 BW, 583 MCFG. POH w/comp assy. Cleaned out 3397-3439'. Perf'd add'l Jalmat 3378, 82, 88, 3401, 03, 05, 16' = 7-.40" holes. Set pkr @ 3360'. Acidized perfs 3378-3416' w/3000 gals 15% HCL NE acid flushed w/13½ bbls 2% KCL wtr. Unseat pkr, run 1 jt tbg, set tbg @ 3390' pkr swinging. Swbd perfs 2926-3416' to clean up. POH w/ tbg & pkr. RIH w/ 1 BP jt tbg, perf's sub, SN & 109 jts 2-3/8" tbg. Set @ 3392', perf'd sub @ 3360-63', SN @ 3359'. RIH w/ rod pump. On 24 hr potential test 2-17-81 pmpd Jalmat Yates 7R perfs 2926-3416' (43 holes) 0 BO, 3 BW, 511 MCFG on 10-64" SPM.

FINAL REPORT.