

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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OIL CONSERVATION DIVISION

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

Form C-103
Revised 10-1-78

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO OPEN 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 F 1980 FEET FROM THE North LINE AND 1980 FEET FROM
West LINE, SECTION 25 TOWNSHIP 23S RANGE 36E NMPM.

5a. Indicate Type of Lease

State ☐ Fee ☒

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name

T. M. Lankford WN

9. Well No.

2

10. Field and Pool, or Wildcat

Langlie Mattix 7R On

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

3341.8' GR

12. County

Lea

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐

PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐

PULL OR ALTER CASING ☐

CHANGE PLANS ☐

OTHER ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐

COMMENCE DRILLING OPNS. ☐

CASING TEST AND CEMENT JOBS ☒

OTHER Log, perf, treat & complete ☒

ALTERING CASING ☐

PLUG AND ABANDONMENT ☐

Production Casing

16. 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.

Finished drlg 7-7/8" hole to 3730' TD @ 8:15 PM 12/4/80. Ran GR-CNL-FDC w/ Caliper & DLL. RIH w/5 1/2" OD 15# K-55 csg, set @ 3730', FC set @ 3684'. Cmt 5 1/2" OD csg w/900 sx BJ Lite cmt w/15# salt, 1/4# celloflake/sk followed by 250 sx Thik-set cmt w/1/4# celloflakes/sk. Circ 120 sx cmt to pit. Cmt circ to surf. PD @ 5:45 AM, 12/6/80. WOC. On 12/17/80 drld out cmt & FC to 3715'. Pressure test csg to 1500# for 30 mins, OK. Ran CBL, cmt bond OK. Perf'd 5 1/2" csg 3686-3696' w/1 JSPF. Acidized perfs w/500 gals 15% HCL-NE acid & flushed w/ 21 bbls 2% KCL wtr. In 3 hrs swbd trace of oil & 16 BW. POH w/ pkr & tbg. Ran & set cmt retr @ 3666'. Squeeze cmt perfs 3686-3696' w/100 sx LWL cmt & 100 sx Cl C cmt w/2% CaCl₂. RO 84 sx cmt. Perf'd 5 1/2" csg 3442, 48, 62, 86, 3501, 12, 20, 26, 43, 50, 58, 72, 3612, 21, 32, 48' w/ 16 holes. Set pkr @ 3366'. Acidized perfs 3442-3648' w/ 3000 gals acid HCL-NE. In 1 hr swbd 0 BO, 21 BW. Frac'd perfs 3442-3648' w/28,000 gals 67/33 XL3 & 14,000 gals of CO₂ in 3 equal stages, flushed w/17 BTW & 8 bbls CO₂. In 4 hrs flwd 0 BO, 98 BW on 24/64" ck. 14 hr SITP 300#. Opened on 24/64" ck, flwd 8 BO, 12 BW in 4 1/2 hrs. FTP 300-0#. In 5 1/2 hrs swbd 12 BO & 19 BW. POH w/pkr & tbg. RIH w/ comp assy, set tbg @ 3619', SN @ 3585'. Ran 2"x1 1/2"x16' pump. On 24 hr potential test 1/18/81 pmpd 35 BO, 65 BW, 29 MCFG on 12-62" SPM. GOR 829:1.
FINAL REPORT.

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

SIGNED Jerry W. Schmidt

TITLE Dist. Drlg. Supt.

DATE 1/22/81

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY: