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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease State ☒ Fee ☐
5. State Oil & Gas Lease No. OG-1294
7. Unit Agreement Name
8. Farm or Lease Name Flying M State
9. Well No. 2
10. Field and Pool, or Wildcat Flying M San Andres
12. County Lea

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO REOPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE APPLICATION FOR PERMIT TO DRILL (FORM C-101) FOR SUCH PROPOSALS.)

1. ☒ OIL WELL ☐ GAS WELL ☐ OTHER-

2. Name of Operator
Atlantic Richfield Company

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

4. Location of Well
UNIT LETTER M 710 FEET FROM THE West LINE AND 500 FEET FROM
THE South LINE, SECTION 20 TOWNSHIP 9S RANGE 33E NMPAT.

15. Elevation (Show whether DF, RT, GR, etc.)
4366.2' GR

16. 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 OPNS. ☒ CASING TEST AND CEMENT JOBS ☒ OTHER <u>Log, Perf, Acidize & Complete</u>

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 6 1/4" hole to 4480' TD @ 3:45 PM 4/22/77. Ran DLL, GR, Comp Densilog, Comp Neutron & Caliper Log. Ran 4 1/2" OD 9.5# K-55 csg, set @ 4480'. Set stage collar @ 2993'. Cmdt 1st stage w/250 sx Cl C cmt cont'g .2% D-31 & 5#/sk salt. Plug down w/2000# @ 7:00 AM 4/24/77. Opened stage collar & circ 25 sx cmt to pit. Cmdt 2nd stage w/350 sx BJ Lite w/24#/sk saturated, followed by 100 sx Cl C w/2% CaCl. Bumped plug & closed stage collar w/2000#, no cmt circ. WOC 48 hrs. Ran GR-CBL, indicated TOC @ 1496'. Pressure tstd csg to 1000# 30 mins, OK. Perf'd 4 1/2" csg w/1 JSPF @ 4342, 43, 45, 46, 49, 64, 65, 66, 69, 71, 72, 73, 76, 78, 79, 80, 89, 90, 96, 97 & 4398' (21 holes). RIH w/pkr & SN on 2-3/8" tbg, set pkr @ 4218'. Acidized perfs 4342-4398' w/5000 gals 15% HCL-NE acid w/iron sequestrant. MP 4100#, Min 2300#. ISIP 1450#. 10 min SIP 700#, 20 mins 0#. Flushed w/26 BBV. Swbd 26 BBV, no acid. Swbd 8 hrs, rec 55 BO, 101 BW. POH w/tbg & pkr. RIH w/2-3/8" OD EUE 8R tbg, bull plugged on btm @ 4421', 31' mud anchor, 4' perf nipple @ 4385', SN @ 4384'. Ran rod pump & rods. On 24 hr potential test 5/6/77 pmpd San Andres perfs 4342-4398', 85 BO, 65 BW & 52 MCFG, GOR 612:1. Final Report.

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

SIGNED 	TITLE <u>Dist. Drlg. Supt.</u>	DATE <u>5/9/77</u>
Orig. Signed by John R. Ryan Geologist	TITLE _____	DATE _____
APPROVED BY _____	TITLE _____	DATE _____

CONDITIONS OF APPROVAL, IF ANY:

MAY 12 1977