

OIL CONSERVATION DIVISION

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

Form C-103  
Revised 10-1-78

NO. OF COPIES RECEIVED	
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 OPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.  
USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

OIL WELL  GAS WELL  OTHER   
1. Name of Operator ARCO Oil & Gas Company  
Division of Atlantic Richfield Company  
2. Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240  
3. 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.

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  
12. County Lea

15. Elevation (Show whether DF, RT, GR, etc.)  
3341.8' GR

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK  PLUG AND ABANDON   
TEMPORARILY ABANDON  CHANGE PLANS   
PULL OR ALTER CASING  OTHER

SUBSEQUENT REPORT OF:

REMEDIAL WORK  ALTERING CASING   
COMMENCE DRILLING OPNS.  PLUG AND ABANDONMENT   
CASING TEST AND CEMENT JOB  Production Casing  
OTHER Log, perf, treat & complete

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'. Cmtd 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 cmtd 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 D. Schmidt TITLE Dist. Drlg. Supt. DATE 1/22/81

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY: