

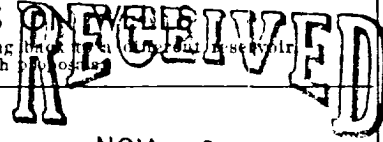
5. LEASE DESIGNATION AND SERIAL NO.

NM 02127-B

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

**SUNDRY NOTICES AND REPORTS**

(Do not use this form for proposals to drill or to deepen or plug back to a landward reservoir. Use "APPLICATION FOR PERMIT" for such proposals.)



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7. UNIT AGREEMENT NAME

Lea Unit

8. FARM OR LEASE NAME

Lea Unit

9. WELL NO.

7

10. FIELD AND POOL, OR WILDCAT

Undesignated

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 12 T20S, R34E

12. COUNTY OR PARISH 13. STATE

Lea New Mexico

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
Marathon Oil Company

3. ADDRESS OF OPERATOR  
P. O. Box 2409, Hobbs, New Mexico 88240  
OIL & GAS  
MINERALS MGMT. SERVICE  
ROSWELL, NEW MEXICO

4. LOCATION OF WELL (Report location clearly and in accordance with any State regulations. See also space 17 below.)  
At surface  
1980' FWL & 660' FSL

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
GR 3657' RB 3678'

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF   
FRACTURE TREAT   
SHOOT OR ACIDIZE   
REPAIR WELL   
(Other)   
PULL OR ALTER CASING   
MULTIPLE COMPLETE   
ABANDON\*   
CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF   
FRACTURE TREATMENT   
SHOOTING OR ACIDIZING   
(Other)   
REPAIRING WELL   
ALTERING CASING   
ABANDONMENT\*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

A retrievable bridge plug was set at 6518' and the casing tested and found to be leaking. Temperature and tracer surveys were run and they indicated fluid entry at 5948' - 5970' and at 6170' - 6220'. The RBP was removed and a GR-CBL-CCL log was run from 8500' - 5500'. It showed a good cement bond from 8500' to 8130', everything else was poor bonding. A casing inspection log was then run from 8500' - 5500' and indicated pitting, possible holes, and parted pipe at 6200'. Set a 4-1/2" CIBP at 13,500' with 2 sacks cement on top, and set a 7" CIBP at 10,000' with two sacks. Ran a casing alignment tool on a retainer and set it at 6186'. Squeezed through the retainer with 100 sacks Class "C". Set another retainer at 5750' and squeezed interval from 5750' - 6186' with 450 sacks 50-50 Poz-Mix with 2% Cacl. Drilled out retainers and cement to 6410'. Pressured casing and still had a leak. Squeezed leak from 6232' - 6413' with 100 sacks Class "H" containing 0.6% Halad 9 and 2% Cacl. Drilled out cement from 6162' - 6392'. Casing leak still present. Squeezed leak at 6410' with 100 sacks Class "H" neat cement. Tagged cement at 6090' and drilled hard cement to 6300'. Tested the casing to 1000 psi and it held okay. Ran GR-Neutron-CCL from 6293' - 5500', and ran a CBL-CCL. Cement bond looked okay over proposed perforating interval. Perforated the interval 6196'-99, 6204-09, 6213-22 w/2JSPF (total 40 holes) on November 3, 1982. Acidized perforations with 2000 gallons 15% NE FE acid and 60 ball sealers. Swabbed well for four days, now putting well on gas lift to test, November 8, 1982.

18. I hereby certify that the foregoing is true and correct

SIGNED David R. Glass TITLE Production Engineer DATE November 8, 1982

(This space for Federal Acquisition of Records)

APPROVED BY (ORIG. SGD.) DAVID R. GLASS TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

NOV 10 1982

U.S. GEOLOGICAL SURVEY See Instructions on Reverse Side  
ROSWELL, NEW MEXICO

Handwritten signature/initials