

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPPLICATE\*  
(Other instructions on re-  
verse side)Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

Tract 251; Contract 000154

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla - Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla - Apache

9. WELL NO.

10

10. FIELD AND POOL, OR WILDCAT

Jicarilla - Cliff House

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

Section 27, T.26N., R.5W

12. COUNTY OR PARISH

13. STATE

Rio Arriba New Mexico

## 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..." for such proposals.)

1.

OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

Marathon Oil Company

3. ADDRESS OF OPERATOR

P. O. Box 39, Sidney, Nebraska 69162

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.  
See also space 17 below.)

At surface

1100' FNL and 1550' FEL, Section 27, T.26N., R.5W

SE/4 NW/4 NE/4

14. PERMIT NO.

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

6525' GL; 6538' KB

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 ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON\* ☐CHANGE PLANS ☒

(Other) conduct test of Cliff House sand

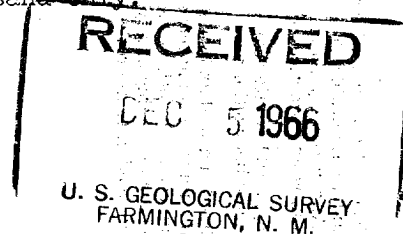
## SUBSEQUENT REPORT OF:

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.)\*

This well was drilled to a total depth of 7500' through the Basin Dakota sand on 11-29-66. A string of 4 1/2" OD, 11.6#, J-55 casing was set at 7494' KB and cemented to the surface. Completion work on the Basin Dakota reservoir is now in progress.

Indicated log porosity in the Cliff House sand of the Mesa Verde formation warrants testing. We therefore propose to set a bridge plug at approximately 5000' and perforate the Cliff House sand from 4688' to 4708' (20'), 2 holes per foot with jets. A retrievable packer will be set on 2-3/8" OD tubing at 4600' and the Cliff House zone swabbed to test for fluid entry. If stimulation is required, the Cliff House will be sand-water fractured with approximately 3500 lbs of sand per foot of perforations. In the event commercial production is obtained from the Cliff House, the well will be dual completed in the Cliff House and Dakota formations. If the Cliff House is noncommercial, the perforated interval will be cement squeezed and the well completed in the Dakota sand only.



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

SIGNED

TITLE District Operations Manager DATE 12-2-66

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side