

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN  
(Other instru  
verse side)LICATE  
IS ON reForm approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM 030482

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Indian Hills Unit

8. FARM OR LEASE NAME

Indian Hills Unit

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

Indian Basin Upper Penn

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

Sec. 28-21S-24E

12. COUNTY OR PARISH

Eddy

13. STATE

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 2409, Hobbs, New Mexico 88240

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

1650' FSL &amp; 1650' FWL of Sec. 28

14. PERMIT NO.

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

3782' GR

## 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) Squeeze; perf. and treat

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

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

X

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.)\*

TD 7500'. Set cement retainer at 7470' and squeezed open hole from 7479 to 7504' (25') with 150 sacks Class "C" cement with 1½% D 19 per sack. Final pump pressure 1000 psi. Reversed out 8 sacks cement. Drilled retainer and found no cement below retainer. Tagged bottom @ 7504' and no cement in open hole.

Squeezed open hole from 7479-7504' with 200 sacks Class "C" cement; first 100 sacks plain cement, second 100 sacks 1/4# cello flakes per sack. Established rate 3-1/2 B.P.M. @ 2400 psi. Maximum pressure 4000 psi. Reversed out 82 sacks cement. Drilled retainer and good cement from 7466-7483'.

Perforated 5-1/2" casing and open hole from 7478-79-80-81, and 7482', 2 JSPF, 5' (10 holes).

On test well produced 177 MCFPD and 30 BSWPD. At present time the well is shut in due to difficulty experienced with the surface equipment and insufficient gas to keep controls operative. Loss of pressure on separator causes water to be discharged down gas flow line.

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

SIGNED

*Curtis A. Howden*

TITLE Acting Area Supt.

DATE 11-17-70

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

RECEIVED

NOV 20 1970

O. C. C.  
ARTESIA, OFFICE

\*See Instructions on Reverse Side

ACCEPTED FOR RECORD PURPOSES  
NOV 19 1970  
Date  
ACTING District Engineer