

N. M. O. C. C. COPY  
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN  
(Other Instru  
verse side)DATE  
on re-Form approved.  
Budget Bureau No. 42 R1424.  
5. LEASE DESIGNATION AND SERIAL NO.

N. M. 05612-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

## 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 <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Salt Water Disposal Well	7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR Marathon Oil Company	8. FARM OR LEASE NAME Marathon Federal
3. ADDRESS OF OPERATOR Box 220 Hobbs, New Mexico	9. WELL NO. 1
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1650' from south and west lines of Section 24	10. FIELD AND POOL, OR WILDCAT Undesignated
14. PERMIT NO. -	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 24 - 21S - 23E
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3985' GR	12. COUNTY OR PARISH Eddy
	13. STATE N. M.

## 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) Converting to SWD well ☒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.)

The 4 $\frac{1}{2}$ " casing was perforated from 4494-95' w/ 3 shots and cemented through these perforations using 1250 sx Trinity regular cement w/ cement circulating. The 4 $\frac{1}{2}$ " casing was perforated in the Paddock zone from 2534 to 2726' w/ 76 shots. Water samples were swabbed from this zone and analyzed to establish positive Paddock zone origin and chloride content. These perforations were squeezed off using 200 sx Class A cement and tested w/ 4500# pressure for 30 minutes. Tested O.K. The 4 $\frac{1}{2}$ " casing was re-perforated in the Paddock zone from 2512-2726' with 136 shots. Water samples were swabbed from this section and analyzed to check chloride content. The perforated interval from 2512-2726' was acidized using 2500 gal. 15% regular acid and 4000 gal. CRA acid. 2-3/8" tubing was run with packer on bottom and set at 2425'. Work commenced 10-5-65 and was completed 11-15-65.

RECEIVED  
NOV 18 1965  
U. S. GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICO

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

SIGNED

TITLE

Area Supt.

DATE

11-16-65

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

NOV 21 1965  
T. L. DILLON  
ACTING DISTRICT ENGINEER

\*See Instructions on Reverse Side