

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(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.

6

10. FIELD AND POOL, OR WILDCAT

Jicarilla Basin Dakota

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

NW SE SE

Sec 27, T26N, R5W

12. COUNTY OR PARISH 18. 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 97, McCladden, Wyoming 82080

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

990' FSL, 990' FSL, Sec 27, T26N, R5W, NW SE SE

14. PERMIT NO.

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

6660 GR

6673 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 ☐(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* ☐Testing ☒(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.)*

12/27/66 Tetteller, Inc. ran temperature survey, tagged bottom 5522', cement top 2975'. No pressure on 7" casing. Pressured up to 1100 psi before drilling out, held OK. Ran 3 7/8" bit on 2 3/8" tubing, drilled cement 5553 - 5594', tagged top of stage collar 5594, drilled stage collar 5594 - 5596. Pressured up after drilling stage collar, 1100 psi OK.

12/28/66 Drilled cement 7364 - 7493', tagged rubber plug 7493, landed bit on bottom, closed rams and pressured casing to 4000 psi, held OK. Spotting KCl water, bit plugged, pulled tubing. Bit plugged, ran tubing open end at 7492, filled casing with 1% KCl water spotted 500 gallons 7 1/2% KCl acid on bottom by Dowell. Ran Schlumberger logs, Gamma Ray Correlation, tagged bottom 7495; logged 7495 - 7000; 5670 - 4600. Cement Bond logs 7495 - 7000 poor bond; 6200 - 5400 good cement 5600 - 5420 (stage collar at 5595) no apparent cement top below 5600.

12/29/66 Perforated lower Dakota: 7421-24; 7430-33; 7437-39; 7477-80; 7482-84; 7487-90 with Schlumberger Hyper Jets 2 holes per foot, 16', 32 perforations. Sand Fractured by Dowell. 60000# of 20-40 sand mixed 1/2 to 1 1/4" per gal. of "slick water". 500 gallons Mud Acid ahead of sand. Approximately 40 bbls. sand and water mix in casing. Shut well in.

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

SIGNED

TITLE Area Superintendent

DATE January 19, 1967

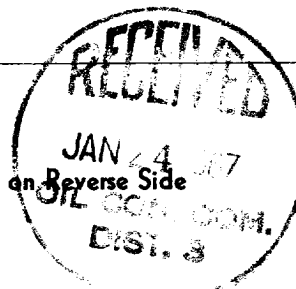
(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

*See Instructions on Reverse Side



Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

- 12/30/66 Schlumberger ran collar locator, tagged sand at 7047'. Cleaned out to 7420, circulated. Filled casing with 1% KCl water by Dowell. Well flowing slightly. Tagged bottom at 7440'.
- 12/31/66 Filled casing with 1% KCl water by Dowell. Set Baker P-1 bridge plug at 7412. Pressure tested casing to 4000 psi, held OK. Bled pressure off, well died.
- 1/4/67 Filled casing with 1% KCl water. Perforated upper Dakota sand 7354-56; 7387-90; 7391-94; 7398-7402 with Schlumberger Hyper Jets 2 holes per foot, 12' - 24 perforations. Well kicked after interval 7387 - 7402 was shot. Interval 7348 - 7352 perforated with 8 Hyper Jets by mistake when upper gun and middle gun were fired together. Ran 8 crack jets, attempted to perforate Graneros 7258 - 7262, would not fire. Ran gun OK, perforated Graneros 7258 - 7262 (4') with 8 Schlumberger Hyper Jets. Pumped 500 gal. Dowell mud acid down casing. Filled casing with 1% KCl water, pumped away at 20 BPM, 4300 psi, no break, could not frac.
- 1/5/67 Cleaned out sand 7382 - 7412 with 3 7/8" bit, sand kept coming in. Ran flat bottom mill and drilled out bridge plug.
- 1/6/67 Cleaned out to 7492'.

