

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.

NM-053434

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Marathon Oil Company

3. Address and Telephone No.

P. O. Box 552, Midland, Texas 79702

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Section 13, T20S, R34E
3660' FNL and 1980' FWL
660 FSL

8. Well Name and No.

Lea Unit No. 11

9. API Well No.

30-025-20338

10. Field and Pool, or Exploratory Area

Lea (Bone Spring)

11. County or Parish, State

Lea County, NM

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☒ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☐ Other

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

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

13. 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.)

Marathon Oil Company respectfully requests permission to recomplete to the Bone Spring reservoir from the Devonian. The following is the intended procedure:

1. Test anchors to 22,500 lbs.
2. MIRU PU. ND wellhead.
3. NU 6" series 1500 hydraulic BOP's. Test BOP's.
4. Release Baker Lok-Set packer. POOH w/2 3/8" tubing and pkr.
5. RU wireline company. RIH w/7" CIBP and set at 12,950'. RIH w/dump bailer and dump 50' cement on top of CIBP. Test to 500 psi.
6. Run CBL from 10,600' to 8,600'.
7. Test lubricator to 1000 psi. RU lubricator. RIH w/4" casing guns and perforate Bone Spring Second Carbonate at 9,808-9,830', 9,756-9,770', 9,712-9,722' with 2 SPF. RD wireline company.

(Continued page 2)

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

Signed

R. J. Prosceno

R. J. Prosceno

Title Petroleum Engineer

Date 9-19-91

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date 10/3/91

Proposed or Completed Operations (continued)

Lea Unit #11

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8. RIH w/RTTS on 2 7/8" workstring to 9,835'. Set pkr. Load annulus w/2% KCl. Test to 500 psi.
9. Drop SV and test tbg to 5,000 psi. Retrieve SV.
10. RU Service Company. Test lines to 5000 psi. Acidize perforations 9,712-9,830' w/5,000 gallons 15% HCl NEFE. RD Service Company.
11. Swab back 150% of load.
12. Release pkr and POOH w/2 7/8" tbg.
13. RU wireline company. RU lubricator. RIH w/4" casing guns and perforate the First Bone Spring Sand at 9,532-9,560' w/1 SPF. RD wireline company.
14. RIH w/RBP, RTTS pkr, 2 7/8" tubing to 9,650'. Set RBP and test to 1000 psi. Pick up and set pkr at 9,420'. Load annulus w/2% KCl.
15. RU service company. Test lines to 5000 psig. Acidize perforations 9,532-9,560' w/3,000 gallons 7.5% HCl NEFE. Swab back 200% of load. Determine if First Bone Spring Sand to be fracture stimulated.
16. If fracture stimulate, dump 30' sand on top of RBP. Set pkr at 9,400'. RU service company. Pump 22,000 gallons borate and 75,000 lbs precured resin coated sand. Shut in for 8 hours.
17. Swab back 200% of load. Release RTTS pkr and wash down to RBP. Retrieve RBP and POOH.
18. RU wireline company. Run survey from 9,750-9,400'.
19. RIH w/4" csg guns and perforate First Bone Spring Carbonate "R" dolomite from 9,580-9,596' and 9,604-9,630' w/2 SPF. POOH and RD wireline company.
20. RIH w/Guiberson Uni-Point Injection Packer and 2 7/8" tbg to 9,630'. Set packer with 5' spacing. Acidize 9,580-9,596' and 9,604-9,630' with 5,000 gallons 15% HCl NEFE. RD Service Company.
21. Swab back load.
22. POOH w/workstring and pkr.
23. RIH w/2 3/8", 4.7#/ft, 8rd EUE, tubing w/mud jt, SN and TAC.

Proposed or Completed Operations (continued)

Lea Unit No. 11

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24. ND BCP's. NU wellhead. Set TAC at $\pm 9,400'$.
25. RIH w/7/8" rods and 3/4" rods and 1.5" pump.
26. RD PU.
27. Install pumping unit. Set at 10 SPM.
28. Place well on test.