

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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, TX 79702 682-1626

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

1650'FNL & 1650'FWL, SEC. 1, T-21-S, R-23-E

NM OIL CONS COMMISSION

Drawer

Artesia,

FORM APPROVED

NM 80427 Bureau No. 1004-0135

Expires: March 31, 1995

5. Lease Designation and Serial No.

NM-04827-B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

MOC FEDERAL 5

9. API Well No.

10. Field and Pool, or exploratory Area

S.DAGGER DRAW (U.PENN)

11. County or Parish, State

EDDY 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

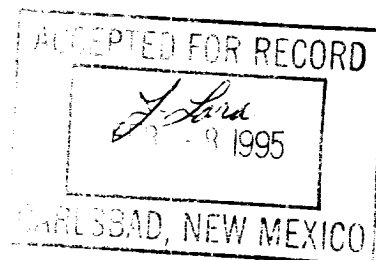
TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other SPUD & DRILG OPS
☐ 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.)*

SEE ATTACHED FOR DETAIL.



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

Signed

W. J. Chuan FOR TBP

Title T. B. ARNOLD

Date 12-22-94

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



**Marathon
Oil Company**

P.O. Box 552
Midland, Texas 79702
Telephone 915/682-1626

**MOC FEDERAL NO. 5
1650'FNL & 1650'FWL
SEC. 1, T-21-S, R-23-E
EDDY COUNTY, NEW MEXICO**

Preset 16" conductor in 20" hole @ 72', cmt'd to surf w/ redi-mix. MIRU McVay Rig #4. Spud 12-1/4" hole @ 1800 hrs 11-22-94. Drld to 129'. Lost all returns. Unable to regain circulation w/ LCM pills. Drld blind to 1205'.

RU csg crew, ran 27 jts 9-5/8", 36#, J-55 csg. Float shoe @ 1203', float collar @ 1159'. RU Western, mixed & pump 200 sx "H" w/ 12% thixad & 10 pps gilsonite, 3% CaCl₂, 1/4 pps cello (wt 14.8, yield 1.57). Tailed in w/ 600 sx PSL w/ 6% gel, 10 pps gilsonite, 3% CaCl₂, 1/4 pps cello (wt 12.4, yield 2.03). 2nd tail - 200 sx "C" w/ 2% CaCl₂ (wt 14.8, yield 1.32). Bumped plug, did not circulate cmt. WOC 4 hrs. Found TOC @ 126' via slickline. Dumped 3 yds pea gravel dn annulus. Topped out w/ 20 sx Class "C" neat w/ 3% CaCl₂.

Cut csg. Install 11" 3M SOW csg head & test to 1500#. NU manifold, kill lines, pipe & blind rams, surf lines & floor valves to 300/3000#. Tested annular to 200/1500#. PU BHA & TIH, tagged cmt @ 1138'. Total WOC 18 hrs. Drld cmt & float collar to 1180', tested csg to 1750#. Drld cmt & resumed drlg formation to 7506'. PU core barrel & cored 7506-7781'. Drld 8-3/4" hole to 7975'. TD @ 1615 hrs 12-13-94. RU W.L. BOP, logging adaptor, packoff & lubricator. Logged well as follows: DLL/MSFL/GR/CAL 7975-4000'; LDS/APS/HNGS/GR/CAL - TD-4000'; FMI TD-7400'; CMR-EPT TD-7400'. RU Atlas W.L., ran di-electric 7961-5960', imaging log TD-7400'. L/D DS; chg rams to 7".

Ran 121 jts 7", 26#, K-55, LTC & 61 jts 23#, K-55, LTC new csg. Float shoe @ 7979', float collar @ 7871', DV @ 6394'.

Western mixed & pumped 1st stg w/ 300 sx "H" w/ 5 pps CSE, .6% CF-14, .3% WLIP, 5 pps gilsonite @ 15.1 ppg, 1.32 yield. Displaced w/ mud & wtr, bumped plug w/ 1200#, opened tool @ 3200#. Circ 149 sx to pit. Circ 4 hrs w/ rig pump. Mixed & pumped 2nd stg lead: 765 sx "C" poz w/ 5% NaCl, 5 pps gilsonite, 1/4 pps cello @ 12.5 ppg, 2.02 yield. Tailed in w/ 100 sx "C" neat @ 14.8 ppg, 1.32 yield. Bumped plug, closed tool w/ 3400#. Circ'd 212 sx to pit. ND BOPE. Set slips w/ 130k. NU 11" 3M x 7-1/16" 3M tbg head. Tested seals to 7000#. Rig released @ 0200 hrs 12-17-94 MST.

WJD:cdb 1-04-95