

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL COMMISSION
Drawer DD
Artesia, NM 88210

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

SUBMIT IN TRIPLICATE

RECEIVED

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

915/682-1626 O.C.D. ARTESIA OFFICE

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

760'FNL & 660'FWL,
SEC. 1, T-21-S, R-23-E

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 3

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 & DRLG 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 DRILLING DETAIL.

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

Signed W. J. Duncan FOR T. B. ARMSTRONG Title DRILLING SUPT.

Date 8-24-94

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

MOC FEDERAL NO. 3
760'FNL & 660'FWL
SEC. 1, T-21-S, R-23-E
EDDY COUNTY, NEW MEXICO

Preset 16" conductor @ 78' & cmt'd to surf w/ redi-mix. MIRU McVay #7, spudded 12-1/4" hole @ 0900 hrs 7-27-94. Drld to 1240', ran 28 jts 9-5/8", 36#, J-55, STC csg to 1240'. Insert float @ 1198'. Mixed & pumped 200 sx Class "H" w/ 12% thixad, 3% CaCl₂, 10#/sk gilsonite, .5# celloseal, 500 sx PSL w/ 3% CaCl₂, 10#/sk gilsonite, .25#/sk celloflake, tailed in w/ 200 sx Class "C" w/ 2% CaCl₂. Circ'd 436 sx to surf.

WOC. Cut csg & weld on 9-5/8"x 11" 3M csg head, tested to 1750#. NU 11#, 5M, dual ram BOPE, 3M annular, rotating head & choke manifold. Tested rams, choke & kill lines, manifold, kelly cocks, & floor valves to 200/3000#. Tested annular to 200/2000#.

TIH & tag cmt @ 1195'; total WOC 20 hrs. Drld cmt & FC 1195-1210'. Tested csg to 1750#, drld cmt to 1230', tested shoe jt to 1750#. Drld cmt & resumed drlg formation w/ 8-3/4" bit.

Drld 8-3/4" hole to 6278'. Single shot svys indicated hole angle of 7.25°. POOH, PU bit, mud motor, 2° bent sub, monel DC. First multi-shot svy @ 6242' indicated azimuth S74W w/ angle of 7.4°. Oriented toolface to 5.50° east. Drld to 6473'. Final multi-shot svy indicated azimuth of 215° w/ angle of 4.2°. POOH w/ motor & bent sub, PU pendulum assy. Drld to 7980'(TD).

NU logging adaptor, pump in sub, W.L. rams & packoff. Logged well as follows: GR/DLL/MSFL/LSS 7980-1240'; DLL/MSFL to 3900'; GR/FMI 7980-4000'; GR/CNL/LDT/NGT 7980'-surf.

RU csg crew, chg rams to 7". Ran 115 jts 7#, 26#, K-55, LTC, 4 jts, 7", 26#, L-80, 59 jts, 23#, K-55, LTC. Float shoe @ 7978', float collar @ 7213', DV tool @ 6179'.

RU Western, mixed & pumped 450 sx Class "H" w/ 5 pps gilsonite, 5 pps CSE, .6% CF-14, .3% WL-1P, displ. w/ 307 bbl mud & wtr. Dropped bomb, opened tool w/ 1000#, circ'd csg, circ'd 85 sx to pit. Pumped 2nd stg lead - 640 sx PSL w/ 5% NaCl, 5 pps gilsonite, .25 pps celloseal. Tailed in w/ 100 sx "C" neat. Bumped plug w/ 3500#. Cmt in place @ 0530 hrs 8-19-94. Circ'd 81 sx to pit. ND BOP's. Set slips w/ 150K. Remove BOP's. NU 11" 3M x 7-1/16" 3M "C" section, tested seals to 2000#. Released rig @ 1200 hrs 8-20-94.