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Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

DEC 08 1993

NM OIL CONS
Drawer DD
Artesia, NM

COMMISSION
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

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

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

1650'FSL & 1650'FWL, SEC. 28, T-21-S, R-24-E

5. Lease Designation and Serial No.
NM 030482

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation
INDIAN HILLS UNIT

8. Well Name and No.

INDIAN HILLS UNIT #4

9. API Well No.

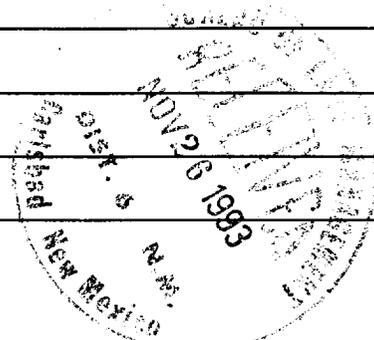
30-015-10738

10. Field and Pool, or Exploratory Area

INDIAN BASIN (U.PENN)

11. County or Parish, State

EDDY CO, 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

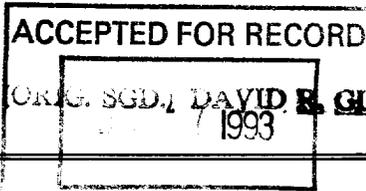
TYPE OF ACTION

- 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.)

MIRU D&S #1 9-08-93. N/U 7-1/16" 5M DUAL RAM & ANNULAR. TESTED ANNULUS & TBG RAMS TO 1500#. RIH W/ 4-3/4" BIT, 3-1/2" DC'S & 2-7/8" WORKSTRING. DRLD NEW HOLE 7482-8040'. R/U W.L. BOP & PACKOFF. LOGGED WELL AS FOLLOWS: SONIC/DLL 8040-7473'; CNL/LDT/FMS 8040-7473'. R/D LOGGERS. P/U 6-1/4" UNDERREAMER. OPENED UP PILOT HOLE 7473-8042'. R/U CSG CREW & RAN 16 JTS 4-1/2" 11.6# FL45, SHOE @ 8038', FLOAT COLLAR @ 8014', LANDING COLLAR @ 7402'. SET LINER ON BTM 8042'. MIXED & PUMPED 65 SX HOWCO 65:35 'H' POZ MIX. WOC 24 HRS. RIH W/ BIT TO TOP OF LINER @ 7409'. SET 5-1/2" RET. @ 7311'. SQUEEZED LINER TOP W/ 50 SX 65:35 POZ MIX 'H'. STUNG INTO RETAINER & TESTED LINER TOP TO 1200#. DRLD RET. & CMT TO TOP OF LINER TO 7409'. P/U 4-3/4" BIT. DRLD CMT 8003-8014' (FLOAT COLLAR). RAN CBL/CCL/GR 8016-5600'. PERF'D 4-1/2" CSG 8008-8003'. ACIDIZED PERFS W/ 500 GALS 15% HCL. SWABBED BACK LOAD. RAN PUMP; LANDED @ 7991'. TESTED WELL. PULLED PUMP. SET RBP @ 7970'. PERF'D 4-1/2" CSG 7758-7762' W/ 2 JSPF. PUMPED 500 GALS 15% HCL, SWABBED BACK LOAD. RAN PUMP & TESTED WELL. SET RBP @ 7745'. PERF'D 4-1/2" CSG F/ 7632-36'; 7580-90'; ACIDIZED PERFS W/ 1000 GALS 15% HCL. RAN PUMP & TESTED WELL. RIH & RETRIEVED RBP'S @ 7745' & 7970. SET CIBP @ 7573'; SET CIBP @ 7571', TESTED TO 1000#. RIH W/ RTTS, FOUND CSG LEAK IN 5-1/2" BEWTWEEN 3048- 3547'. PERF'D 4-1/2" CSG 7552'; 7554'; 7558'; 7560'; 7561' W/ 1 JSPF. TREATED PERFS W/ PPI TOOL; 600 GALS, 15% NEFE ACID. SWABBED BACK LOAD, TESTED WELL. POOH W/ PROD PKR. RIH W/ 2-7/8" TBG & SN @ 7520'. SWI. SUSPENDED OPERATIONS PENDING EVALUATION OF TESTING PROGRAM.



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

Signed TIM ARNOLD

Title DRLG SUPT. CARLSBAD, NEW MEXICO

Date 11-04-93

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____

Date _____

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.

*See instruction on Reverse Side