

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1804-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.
LC-064194

6. If Indian, Allottee or Tribe Name

7. If Unk or CA, Agreement Designation

8. Well Name and No.
MATADOR FEDERAL "5" #1

9. API Well No.
30-025-31506

10. Field and Pool, or Exploratory Area
QUAIL RIDGE *Bene Spring*

11. County or Parish, State

LEA CO., NM

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

915-682-1626

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

UNIT LETTER "L"
1980' FSL & 710' FWL
SEC 5, TWP 20S, RNG 34E

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 REQUEST TA STATUS
☐ 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 CO. RECENTLY ISOLATED THE OPEN ZONE IN THIS WELL AND TESTED THE CASING AS PER THE HISTORY SUMMARIZED BELOW. A TEMPORARY ABANDONMENT STATUS IS REQUESTED TO ALLOW TIME FOR FURTHER STUDY OF POSSIBLE RECOMPLETION OR UTILIZATION OF THE WELLBORE.

10-15-93: MIRU PU. POOH WITH RODS, TBG AND RBP. SET CIBP @ 9375'. (TOP PERF @ 9424'). DUMPED 5 SX CMT ON TOP OF PLUG. EST PBTD @ 9335'. RIH WITH 2 7/8" TBG. OPEN ENDED. BOT @ 9270'. CIRCULATED HOLE CHEMICALLY INHIBITED 2% KCL. TESTED PLUG AND CASING TO 535 PSI FOR 30 MINUTES, WITH 0 PSI LEAKOFF. (CHART INCLUDED). ND BOP. NU WELLHEAD. RDMO. CLEAN LOCATION. 10-18-93

TH APPROVED FOR 12 MONTH PERIOD
ENDING 11/24/94

RECEIVED
NOV 11 07 AM '93
CART AREA

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

Signed *Thomas M. Price* Thomas M. Price

Title Adv. Eng. Tech.

Date 10-27-93

(This space for Federal or State office use)

Approved by (ORIG. SGD.) JOE G. LARA
Conditions of approval, if any:

Title PETROLEUM ENGINEER

Date 11/24/93

MARATHON OIL CO.

MATADOR 'J' FEDERAL # 1

UNIT LETER "L" 1980' FSL & 710' FWL
SECTION 5, TOWNSHIP 20--S, RANGE 34--E
LEA CO., NEW MEXICO
API #: 30-025-31506 LEASE #: LC-064194

ELEVATIONS:

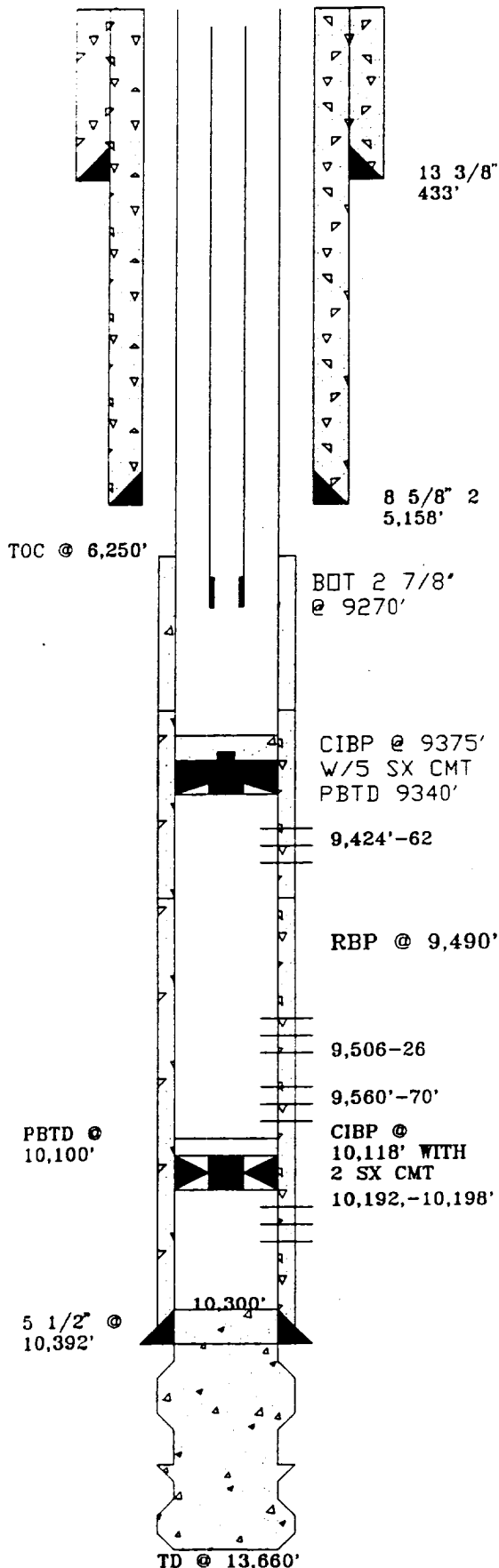
GL: 3617' KB: 3637' TD: 13,660' PBD: 10,100'

SURFACE CASING: 17 1/2" HOLE. 13 3/8" 48#, WC-40, @ 433'. CMT W/395 SX. TOC @ SURF.

INTERMEDIATE CASING: 12 1/4" HOLE. 8 5/8", 32#, S-80 & J-55, @ 5,158'. CMT 1ST STAGE/ W/600 SX "H" 2ND STAGE 2,350 SX "H" TOC @ SURF.

PROD CASING: 5 1/2" 20# L-80, (359.7') 17# N-80, (2243.9') 17# K-55 (6415'), & 17# N-80 (1282.7') SET @ 10,932' CMT W/760 SX TOTAL. TOC @ 6,250' BY BOND LOG

TBG: 2 7/8" @ 9,270'.



HISTORY:

THIS 13,660' TEST REACHED TD IN 2/11/91. A DST WAS CONDUCTED ON 2/11 ACROSS THE INTERVAL 13,224' TO 13,280'. MORROW WAS UNPRODUCTIVE AND WELL WAS PLUGGED BACK TO THE BONES SPRING.

9,660-9,670: 2 SPF. ACIDIZED W/1000 GALLONS 7 1/2% NEFE ACID. FRACED W/27,000 GAL AND 120,000# RESIN COATED SAND

9,506-9,526: 4 SPF. ACIDIZED W/1250 GAL 7 1/2% NEFE ACID. FRACED W/38,000 GAL & 80,000# RESIN COATED SAND TOGETHER W/PERFS @ 9,424-9,426.

9,456-9,462, 9,424-9,444 : 4 SPF. ACIDIZED W/1250 GAL 7 1/2% NEFE ACID, FRACED W/38,000 GAL & 80,000# RESIN COATED SAND TOGETHER W/PERFS 9,506-9,526.

10-15-93: POOH W/ RODS, TBG AND RBP. SET CIBP @ 9,375' W/ 5SX CMT CAP. EST PBD @ 9,335'. LOADED HOLE WITH 2 % KCL CONTAINING CORROSION INHIBITOR.

PRESSURE TESTED CSG AND PLUG TO 535 PSI FOR 30 MINUTES W/NO LEAK OFF. RDMO.

REQUESTED TA STATUS FROM BLM.

PREPARED BY: TOM PRICE
10/27/93

NOT TO SCALE

