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UNIT NO.	
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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-75

5a. Indicate Type of Lease
State ☒ Free ☐
5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR RE-DRILL OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE APPLICATION FOR LEASING OR PROPOSAL FOR PLUG BACK PROCEEDINGS.

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐	7. Unit Agreement Name
2. Name of Lessee <i>Marathon Oil Corporation</i>	8. Form or Lease Name <i>North Rio Rio Unit</i>
3. Address of Lessee <i>Box 633, Midland, Texas 79701</i>	9. Well No. <i>175</i>
4. Location of Well UNIT LETTER <i>H</i> 1930 FEET FROM THE <i>North</i> LINE AND <i>425</i> FEET FROM THE <i>East</i> LINE, SECTION <i>14</i> TOWNSHIP <i>17S</i> RANGE <i>34-E</i> NMPM.	10. Field and Pool, or Wilson <i>North Rio Rio</i>
11. Well Name (Other Name, DE, RT, GR, etc.) <i>2017CK</i>	12. County <i>Lea</i>

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐

OTHER *Consent to WIW* ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐
COMMENCE DRILLING OPERATIONS ☐
CASING TEST AND CEMENT JOBS ☐

ALTERING CASING ☐
PLUG AND ABANDONMENT ☐

OTHER ☐

17. Describe in brief or Completed sections clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work, SEC RULE 1103.

Consent to WIW as per attached procedure

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED *Christine O. Tucker*

TITLE *Permit Clerk*

DATE *6-7-73*

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

WELL WORK RECOMMENDATIONS
Proposals for Well Reconditioning and Subsurface Maintenance
Workovers, Expense DD's, PB's, and Conversions

Lease: NORTH UPGROUND LPO UNIT Well No. 175

Field: NORTH UPGROUND (RHO)

County: LEA State: NEW MEXICO

RECOMMENDED PROCEDURE:

1. MOVE IN TO PARKING UNIT, PULL THE PRODUCING EQUIPMENT,
AND CLEAN THE WELL OUT TO TOP OF 8,750'.

2. TREAT THE RHO PERFORATIONS (8,484' - 8,535') (51' OR -
58 HOLES) WITH 1,000 GALS. OF THE FOLLOWING CLEANOUT SOLUTION:

A. 800 GALS. OF VALVE POTENTIAL.

B. 200 GALS. OF 15% FREEZING HCL ACID.

C. 2 GALS. OF BROMINE (10 GALS. OF BROMINE / 1000 GALS. OF HCL).

NOTE: BLEND THE BROMINE INTO THE HCL ACID TO AVOID
THE ACID AND VALVE POTENTIAL.

DISPLACE 800 GALS. OF THE CLEANOUT SOLUTION INTO THE
FORMATION AND ALLOW THE REMAINING 200 GALS. TO SEAK
THE FORMATION FOR 24 HRS.

3. SWAB AND CLEAN UP THE WELL UNTIL ALL THE CLEAN-
OUT SOLUTION HAS BEEN REMOVED.

4. ACIDIZE THE RHO PERFORATIONS (8,484' - 8,535') (51' OR -
58 HOLES) WITH 5,000 GALS. OF 15% NON-EMULSION, IRON-
STABILIZED, HCL ACID. TREAT AT 5 TO 5 EPS/HR. AND
INJECT A SUFFICIENT QUANTITY OF RUBBER-COVERED NYLON
BALL SEALERS TO OBTAIN A COMPLETE BALL-OUT. APPROXIMATELY

5-24-73 JN

Oper. Engr.
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WELL WORK RECOMMENDATIONS
Proposals for Well Reconditioning and Subsurface Maintenance
Workovers, Expense DD's, PB's, and Conversions

Lease: NORTH UPGROUND PRO 11/73 Well No. 175
Field: NORTH UPGROUND (PDS)
County: LFB State: NEW MEXICO

RECOMMENDED PROCEDURE:

90 BALL SEQUEST WILL BE REQUIRED. REPLACE THE BALL
SEALERS AND INJECT 1000 GALS OF FRESH WATER TREATED
WITH 2 GALS OF DOWSOL 1000 GALS OF WATER.

5. RUN 2" (BUTTERESS THREADED SCREWS, 11-20) INJECTION
TUBING AND A 1000. 1/2" PUMP. LOAD THE TUBING-
CIRCLING ANNULUS WITH FRESH WATER TREATED WITH
10 GALS OF DOWSOL 1000 GALS OF WATER. SET
THE PUMPER APPROPRIATELY AND PUMP THE INJECTION TAPING.

6. PUT THE WELL ON TAPING.

NOTE: A HIGH PRESSURE PLUTONIUM GAS AND WATER
INJECTION PROJECT IS PLANNED.

*REFER TO ATTACHED SKETCH FOR PUMP HOOK-UP DETAILS.

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LUPO BLINDHOLE SITE
NORTH VERMONT DISTRICT, HOLE NO. 175
LUPO BLINDHOLE SITE
LEO COUNTY, WEST VIRGINIA

G.L. ELEV = 4,017'
 ELEV =

12 3/4" - 34 #/ft. Set w/ 1400 sx.
 circ.

— 265'

8 5/8" - 28 #/ft. Set w/ 1400 sx.
 Min. Burst Press. = 2470 circ.

— 3,060'

Abo Perforations
 8484'-8490'; 8494'-8500';
 8514'-8517'; 8520'; 8524'-8526'
 8529'-8535' (2JSIF) (58 Holes)

2 3/8" Tubing

— 8,581'

5 1/2" - 17 #/ft. J-55 Set w/ 12300 sx.
 Min. Burst Press. = 5320 circ.

— 8,750' T.D.

5-23-73
 LEW