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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

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

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐	7. Unit Agreement Name
2. Name of Operator <i>Maril oil Corporation</i>	8. Farm or Lease Name <i>North Vac also Unit</i>
3. Address of Operator <i>Box 633, Midland, Texas 79701</i>	9. Well No. <i>172</i>
4. Location of Well UNIT LETTER <i>P</i> <i>660</i> FEET FROM THE <i>South</i> LINE AND <i>660</i> FEET FROM THE <i>East</i> LINE, SECTION <i>3</i> TOWNSHIP <i>17E</i> RANGE <i>34-E</i> NMPM.	10. Field and Pool, or Wildcat <i>North Vac - also</i>
11. Elevation (Show whether DE, RT, GR, etc.) <i>4057 GR</i>	12. County <i>Lea</i>

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

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER <i>Convert to WIW</i> ☒	CASING TEST AND CEMENT JOB ☐	OTHER ☐

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Convert 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 *Peroration 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 VACUUM REO UNIT Well No. 172
Field: NORTH VACUUM (REO)
County: LEA State: NEW MEXICO

RECOMMENDED PROCEDURE:

1. MOVE IN A PULLING UNIT, PULL THE PRODUCTION EQUIPMENT, AND CLEAN THE WELL OUT TO T.D. OF 8,800'.
7. PBD
2. TREAT THE REO PERFORATIONS (8,642' - 8,681') (38' OA - 24 HOLES) WITH 1,000 GALS OF THE FOLLOWING CLEANOUT SOLUTION:
A. 800 GALS OF XYLENE BATTERS,
B. 200 GALS OF 15% REGULAR, HCL ACID,
C. 2 GALS OF ADIFORM (10 GALS OF ADIFORM / 1000 GALS OF ACID).
NOTE: BLEND THE ADIFORM INTO THE ACID PRIOR TO MIXING THE ACID AND XYLENE BATTERS.
DISPLACE 800 GALS OF THE CLEANOUT SOLUTION INTO THE FORMATION AND ALLOW THE REMAINING 200 GALS TO SOAK THE FORMATION FREE FOR 24 HRS.
3. SNAB AND CLEAN UP THE WELL UNTIL ALL THE CLEAN-OUT SOLUTION HAS BEEN REMOVED.
4. ACIDIZE THE REO PERFORATIONS (8,643' - 8,621') (38' OA - 24 HOLES) WITH 5,000 GALS OF 15% NON-EMULSION, IRON-STABILIZED, HCL ACID. TREAT AT 2 TO 5 BBL/S/MIN AND INJECT A SUFFICIENT QUANTITY OF RUBBER-COVERED NYLON BALL SEALERS TO OBTAIN A COMPLETE BALL-OUT.

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

Lease: NORTH VACUUM ABO UNIT Well No. 172

Field: NORTH VACUUM (PBO)

County: LISA State: NEW MEXICO

RECOMMENDED PROCEDURE:

APPROXIMATELY 110 PALL STALLERS WILL BE REQUIRED.
RELEASE THE PALL SEALERS AND INJECT 15,000 GALS OF
FRESH WATER TREATED WITH 2 GALS OF REDMILL / 1000
GALS OF WATER.

5. RUN 2" (BUTRESS TAPERED COUPLING, 11-80) INJECTION TUBING
AND A MODEL "NB" PACKER*. LOAD THE TUBING-CASING
ANNULUS WITH FRESH WATER TREATED WITH 10 GALS OF
CORTON 2207 AND 1000 GALS OF WATER. SET THE
PACKER APPROXIMATELY 50' ABOVE THE INJECTION INTERVAL.

6. PUT THE WELL ON INJECTION.

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

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

DIE FOUNTAIN WELL SKETCH
NORTH VACUUM ABO UNIT Well No. 172
NORTH VACUUM (ABO) POOL
LEA COUNTY, NEW MEXICO

GL ELEV = 4,057'
ELEV =

12 3/4" - 34 1/2' FE SET WT 1450 SX.
CIRC.

296'

8 5/8" - 24,28 1/2' FE. SET WT 1400 SX.
Min Burst Press. = 2470

3,080'

2 3/8" TUBING

5 1/2" - 15.5, 17 1/2' FE. SET WT 1200 SX.
Min. Burst Press. = 4810
CIRC.

4-26-73
ICW

ABO PERFORATIONS

8643, 44, 45, 46, 68, 70, 71, 73,
76, 77, 79, 81 (2USPF 24 Holes)

8,750'

8,800' T.D.