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NEW MEXICO OIL CONSERVATION COMMISSION

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

SUNDRY NOTICES AND REPORTS ON WELLS

DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO RE-ENTER OR PLUG A WELL TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT TO DRILL OR RE-ENTER FOR SUCH PROPOSALS."

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐		5a. Indicate Type of Lease State ☒ Fee ☐
2. Name of Operator <i>Mobil Oil Corporation</i>		5. State Oil & Gas Lease No.
3. Address of Operator <i>Box 633, Midland, Texas 79701</i>		7. Unit Agreement Name
4. Location of Well UNIT LETTER <i>H</i> <i>1980</i> FEET FROM <i>North</i> LINE AND <i>660</i> FEET FROM THE <i>East</i> LINE, SECTION <i>13</i> TOWNSHIP <i>17 S</i> RANGE <i>34-E</i> NMPM.		8. Farm or Lease Name <i>North Vac also Unit</i>
13. Elevation (Show whether DE, RT, GR, etc.) <i>4016.7 GR</i>		9. Well No. <i>169</i>
		10. Field and Pool, or Wildcat <i>North Vac - also</i>
		11. 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 ☐
OTHER *Connect to WIW* ☒

PLUG AND ABANDON ☐
CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐
COMMENCE DRILLING OPNS. ☐
CASING TEST AND CEMENT JOBS ☐
OTHER ☐
ALTERING CASING ☐
PLUG AND ABANDONMENT ☐

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.

Connect 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 *Production 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 URGUEN ARO UNIT Well No. 169

Field: NORTH URGUEN (AROS)

County: LEA State: NEW MEXICO

RECOMMENDED PROCEDURE:

1. MOVE IN A PULLING UNIT, PUMP THE PRODUCTION EQUIPMENT, AND
CLEAN THE WELL OUT TO (T.D. OF 8,800'
PBT)
2. TREAT ARO PERFORATIONS (8,607'-8,666') (59' OA - 30 HOLES)
WITH 1,000 GALS OF THE FOLLOWING CLEANOUT SOLUTION:
 - A. 800 GALS XYLENE BATHING,
 - B. 200 GALS OF 15% REGULAR HCL ACID,
 - C. 2 GALS OF PERFORM (10 GALS OF PERFORM / 1000 GALS OF ACID).NOTE: BLEND THE PERFORM INTO THE ACID BEFORE MIXING
THE ACID AND XYLENE BATHING.
DISPLACE 800 GALS OF THE CLEANOUT SOLUTION INTO THE
FORMATION AND ALLOW THE REMAINING 200 GALS TO SOAK
THE FORMATION FACE FOR 24 HRS.
3. SWAB AND CLEAN UP THE WELL UNTIL ALL THE CLEAN-
OUT SOLUTION HAS BEEN RETURNED.
4. ACIDIZE THE ARO PERFORATIONS (8,607'-8,666') (59' OA - 30 HOLES)
WITH 5000 GALS OF 15% NON-EMULSION, IRON-STABILIZED, HCL
ACID. TREAT AT 2 TO 5 PPM/DIN AND INJECT A SUFFICIENT
QUANTITY OF PURPER-COVERED NYLON BALL SEALERS TO OBTAIN
A COMPLETE BALL OUT. RELEASE THE BALL SEALERS AND

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

Lease: NORTH UDCUMM APO UNIT Well No. 169

Field: NORTH UDCUMM (AP3)

County: LEA State: NEW MEXICO

RECOMMENDED PROCEDURE:

INJECT 15,000 GALS OF FRESH WATER TREATED WITH 2 GALS
OF ADDMALL / 1000 GALS OF WATER.

5. RUN 2" (EXT-RESS THREAD COUPLING, N-80) INJECTION TUBING
AND A MODEL "MB" Packer. LOAD THE TUBING-CREASING RIGGERS
WITH FRESH WATER TREATED WITH 10 GALS OF CORTRON 2207
PER 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 PROGRAM IS PLANNED.

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

D. GEOMETRIC Well Section
NORTH VERMONT ARO Unit Well No. 169
North Vermont, N.M.
Lee County, New Mexico

GL ELEV = 4017'
ELEV =

12 3/4" - 34 1/2' ft. SET WT 4500 SX
CIRC.

270'

8 5/8" - 24, 28 1/2' ft. J55 SET WT 1400 SX
Min. Burst Press. = 2950 CIRC.

3160'

ARO PERFORATIONS
8607' - 8666' - 30 HOLES

2 3/8" TUBING

8713'

5 1/2" - 15, 17 1/2' ft. J-55 SET WT 2200 SX.
Min. Burst Press. = CIRC.

8800' T.D.

4-30-73
1 (w)