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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. <u>B-1520</u>
7. Unit Agreement Name
8. Farm or Lease Name <u>North Vacuumabadmit</u>
9. Well No. <u>117</u>
10. Field and Pool, or Wildcat <u>North Vac. 460</u>
12. County <u>Lea</u>

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 ☐
2. Name of Operator <u>Mobil Oil Corporation</u>
3. Address of Operator <u>Box 633, Midland, Texas 79701</u>
4. Location of Well UNIT LETTER <u>P</u> <u>660</u> FEET FROM THE <u>South</u> LINE AND <u>460</u> FEET FROM THE <u>East</u> LINE, SECTION <u>23</u> TOWNSHIP <u>17-S</u> RANGE <u>31-E</u> NMPM.
15. Elevation (Show whether DF, RT, GR, etc.) <u>4030 GR.</u>

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

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐
PULL OR ALTER CASING ☐	OTHER <u>Consent to W.I.W.</u> ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐	ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
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.

Consent to W.I.W. as Per attached Procedures
Please Remove allowable From schedule effective June 1, 1973

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 Authorized Agent

DATE 5-18-73

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 URBAN APO UNIT Well No. 117

Field: NORTH URBAN (RBS)

County: LEA State: NEW MEXICO

RECOMMENDED PROCEDURE:

1. MOVE IN A PULLING UNIT AND PULL THE PRODUCING EQUIPMENT.

2. SET A DR PLUG IN THE MODEL "D" PICKER AT 9600' AND CDP WITH 100' (25 SX) OF CLASS "C" NEAT CEMENT.

3. SPOT 500 GALS OF 15% NON-FORMATION, HCL ACID AT APPROXIMATELY 8,525'. PERFORATE THE FOLLOWING INTERVALS IN THE APO FORMATION WITH 1 JET SHOT PER PLUG:

8,444'	8,452'	8,451'	8,480'	8,495'
8,445'	8,451'	8,482'	8,491'	8,491'
8,448'	8,456'	8,482'	8,492'	8,497'
8,450'	8,477'	8,487'	8,494'	8,492'
8,455'	8,479'	8,480'	TOTAL - 54' OR - 23 HOLES	

PERFORATIONS WERE SELECTED FROM SCHLUMBERGER'S PDC LOG DATED 9-16-66.

4. TREAT THE APO PERFORATIONS (8,444' - 8,492') (54' OR - 23 HOLES) WITH 1000 GALS OF THE FOLLOWING CLEANOUT SOLUTION:

A. 800 GALS OF XYLENE BOTTOMS,

B. 200 GALS OF 15% REGULAR, HCL ACID,

5-3-73 JN

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

Lease: NORTH OREGON DRILLING Well No. 117

Field: NORTH OREGON (SAND)

County: LIN State: NEW MEXICO

RECOMMENDED PROCEDURE:

C. 2 GALS OF ADDOPOL (10 GALS. OF ADDOPOL / 1000 GALS. OF ACID).

NOTE: BLEND THE ADDOPOL INTO THE ACID PRIOR TO MIXING
THE ACID AND SOLVENT PORTIONS.

DISPERSE 800 GALS. OF THE CLEAN-OUT SOLUTION INTO THE
FORMATION AND ALLOW THE REMAINING 800 GALS. TO SEAK
THE FORMATION FIVE DAY 24 HRS.

5. SWAB AND CLEAN UP THE WELL WHEN ALL THE
CLEAN-OUT SOLUTION HAS BEEN REMOVED.

6. ACIDIFY THE ABQ PERFORATIONS (8,400' - 8,700') (50' OR - 31 HRS)
WITH 5,000 GALS. OF 15% NON-EMULSION, TANN-SUBRILIZED,
HCL ACID. TREAT AT 2 TO 3 PPM / MIN AND INJECT
A SUFFICIENT QUANTITY OF RUBBER-COATED NYLON BALL
SEALERS TO OBTAIN A COMPLETE BALL-OUT. APPROXIMATELY
45 BALL SEALERS WILL BE REQUIRED. RELEASE THE BALL
SEALERS AND INJECT 15,000 GALS. OF FRESH WATER
TREATED WITH 2 GALS. OF ADDOPOL / 1000 GALS. OF WATER.

7. RUN 3" (BUTRESS THREADED COUPLING, N-80) INJECTION TUBING
AND A MODEL "NR" PACKER*. LOAD THE TUBING - CASING
* REFER TO ATTACHED SKETCH FOR PACKER HOOK-UP DETAILS.

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Oper. Engr.
Form - 1/73

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

Lease: NORTH UACUM REO UNIT Well No. 117
Field: NORTH UACUM (REO)
County: LEAH State: NEW MEXICO

RECOMMENDED PROCEDURE:

ANNULUS WITH FRESH WATER TREATED WITH 10 GALS
OF CORPLAN 2207 / 1000 GALS OF WATER. SET THE
PACKER APPROXIMATELY 50' ABOVE THE INJECTION INTERVAL.

8. PUT THE WELL ON INJECTION.

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

SYNTHETIC WELL LOG
NORTH VERMONT FRS UNIT WELL NO. 117
NORTH VERMONT (ABO) FIELD
LEA COUNTY, NEW MEXICO

GL ELEV = 4,030'
 ELEV =

13 3/8" - 48" / FL. H-40 SET w/ 1350 SK.
 MIN. BURST PRESS. = 1730 CIRC.

CMT. TOP (T.S.)

366'

765'

LINER TOP

4,710'

9 5/8" - 40" / FL. U-55 SET w/ 2100 SK.
 MIN. BURST PRESS. = 3950

5,000'

272 JTS. 2 3/8" GST TBG

BAKER PARALLEL ANCHOR

8,280'

2 3/8" EVE 8RD. U-55 TBG

BAKER MOD. "D" PKR

9,600'

ABO PERFORATIONS

8445'-8484'-39' 5A - 8 HOLES

WOLFCAMP PERFORATIONS

9,636'-10,104'-16 HOLES

DC RETAINER

10,116' A.B.T.D.

PENN PERFORATIONS SSZD.

10,155'-10,203'

7" - 22" / FL. S-95 SET w/ 1375 SK. CIRC.
 MIN. BURST PRESS. = 4150

10,414' T.D.

10-20-72
 LEW