

NO. OF COPIES RECEIVED		
DISTRIBUTION		
SANTA FE		
FILE		
U.S.G.S.		
LAND OFFICE		
OPERATOR		

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>Mobil 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>95</i>
4. Location of Well UNIT LETTER <i>P</i> . <i>660</i> FEET FROM THE <i>East</i> LINE AND <i>860</i> FEET FROM THE <i>South</i> LINE, SECTION <i>26</i> TOWNSHIP <i>17-S</i> RANGE <i>34-E</i> NMPM.	10. Field and Pool, or Wildcat <i>North Vacuum - also</i>
15. Elevation (Show whether DF, RT, GR, etc.) <i>4003 C.R.</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 W.I.W.* ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐
COMMENCE DRILLING OPNS. ☐
CASING TEST AND CEMENT JOB ☐
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.

Consent to W.I.W. as per attached recommendations

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 *3-27-73*

Orig. Signed by
Joe D. Ramey

APPROVED BY *Joe D. Ramey*

TITLE *Supv.*

DATE *3-27-73*

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 UACUMM APO UNIT Well No. 95
Field: NORTH UACUMM (APO)
County: LEA State: NEW MEXICO

RECOMMENDED PROCEDURE:

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

2. SPOT 200 GALS OF 15% NON-EMULSION, HCL ACID AT
APPROXIMATELY 8,450'. PERFORATE THE FOLLOWING INTERVALS
IN THE APO FORMATION WITH 2 STEPS:

<u>8,378'</u>	<u>8,394'</u>	<u>8,419'</u>	<u>8,426'</u>	<u>8,435'</u>	<u>8,441'</u>
<u>8,379'</u>	<u>8,395'</u>	<u>8,420'</u>	<u>8,427'</u>	<u>8,436'</u>	<u>8,442'</u>
<u>8,380'</u>	<u>8,396'</u>	<u>8,421'</u>	<u>8,428'</u>	<u>8,438'</u>	<u>8,446'</u>
<u>8,397'</u>	<u>8,405'</u>	<u>8,422'</u>	<u>8,439'</u>	<u>8,439'</u>	<u>8,451'</u>
<u>8,393'</u>	<u>8,418'</u>	<u>8,423'</u>	<u>8,434'</u>	<u>8,440'</u>	<u>-73' OR -29 HOLES-</u>

PERFORATIONS WERE SELECTED FROM SCHLUMBERGER'S
CORRELATION LOG, DATED 1-2-70.

3. TREAT THE APO PERFORATIONS (8,362'-8,451')-(89' OR -45 HOLES)
WITH 1,000 GALS OF THE FOLLOWING CLEANOUT SOLUTION:

- A. 800 GALS OF XYLENE BOTTOMS,
- B. 200 GALS OF 15% REGULAR HCL ACID,
- C. 2 GALS OF ADOFORM (10 GALS OF ADOFORM PER 1000
GALS OF ACID).

NOTE: BLEND THE ADOFORM INTO THE ACID PRIOR TO
MIXING THE ACID AND XYLENE BOTTOMS.

DISPENSE 800 GALS OF THE CLEANOUT SOLUTION INTO

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

Lease: NORTH VACUUM APO UNIT Well No. 95
Field: NORTH VACUUM (APO)
County: LRA State: NEW MEXICO

RECOMMENDED PROCEDURE:

THE FORMATION AND ALLOW THE REMAINING 200 GALS
TO SOAK THE FORMATION FACE FOR 24 HRS.

4. SWAB AND CLEAN UP THE WELL UNTIL ALL THE
CLEANOUT SOLUTION HAS BEEN REMOVED.

5. ACIDIZE THE APO PERFORATIONS (8,362'-8,451' (89'0A-45 HOLES)
WITH 5,000 GALS OF 15% NON-EMULSION, IRON-STABILIZED,
HCL ACID. TRIP AT 2 TO 5 RPS/IN AND INJECT
A SUFFICIENT QUANTITY OF RUBBER-COVERED NYLON
BALL SEALERS TO OBTAIN A COMPLETE BALL-OUT.
APPROXIMATELY 90 BALL SEALERS WILL BE REQUIRED.
INJECT 15,000 GALS OF FRESH WATER TREATED WITH
2 GALS OF ADMALL / 1,000 GALS OF WATER.

6. RUN "2" (COUPLING - BUTTRESS THREAD; N-80 REG.)
INJECTION TUBING AND A MODEL "NB" PICKER*.
LOAD THE TUBING-CASING ANNULUS WITH FRESH WATER
TREATED WITH 10 GALS OF CORTRON 2207 / 1,000 GALS
OF WATER AND SET THE PICKER APPROXIMATELY 50'
ABOVE THE INJECTION INTERVAL.

7. PUT THE WELL ON INJECTION. (NOTE: HIGH PRESSURE ACID IF IS PLANNED.)

3-19-73 JN
Oper. Engr.
Form - 1/73

*- Refer to attached sketch
for picker hook-up details.

page 2 of 2.

DIAG. HYDRA-MATIC WELL SKETCH
NORTH VACUUM AREA UNIT WELL No. 95
NORTH VACUUM (A.R.) POOL
LEA COUNTY, NEW MEXICO

GL ELEV = 4,003
 ELEV =

1 3/8" - 48#/ft. H-40 Set w/ 350 sx.
 Min. Burst Press. = 1730

2 7/8" Tubing 1952'
 to surface

9 5/8" - 40#/ft. U-55 Set w/ 3600 sx.
 Min. Burst Press. = 3950
 Guib. Anchor Catcher 8113'
 2 3/8" Tubing 8,337'

C.I.B.P. —

Aluminum B.P. —

Baker Mod. "D" Pkr. —

C.I.B.P. —

Baker Model "D" Pkr. —

Cement Retainer —

3" - 23 26 29 & 32#/ft. N-80 Set w/ 2750 sx. in 2 stages circ.
 Min. Burst Press. = 6340

3-15-73
 I.C.W.

— 358'

— 4,400'

Abq Perfs

8,362' - 8,406' - 44' OA - 16 Holes

— 9,000' P.B.T.D.

— 9,020'

9,070' - 9,199'

— 9,364'

— 9,464'

— 9,500'

Wolfcamp Perfs

9,518' - 9,986'

Penn Perfs. Salt Water

11,112' - 11,122'

— 11,835'

— 12,010'

Devonian Perfs

12,024' - 12,105'

— 12,135'

12,162' - 12,164' (S&D.)

McKee Perfs

13,698' - 13,750'

— 13,816' T.D.

