

NEW MEXICO OIL CONSERVATION COMMISSION

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

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U.S.G.S.		
LAND OFFICE		
OPERATOR		

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>Mobile Oil Corporation</i>	8. Farm or Lease Name <i>North Vaca also Unit</i>
3. Address of Operator <i>Box 633 Midland, Texas 79701</i>	9. Well No. <i>216</i>
4. Location of Well UNIT LETTER <i>H</i> <i>2180</i> FEET FROM THE <i>North</i> LINE AND <i>610</i> FEET FROM THE <i>East</i> LINE, SECTION <i>11</i> TOWNSHIP <i>17-S</i> RANGE <i>34-E</i> NMPM.	10. Field and Pool, or Wildcat <i>North Vaca - also</i>
15. Elevation (Show whether DF, RT, GR, etc.) <i>4039 GL</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 *Convert to WIW* ☒

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.

Convert to WIW as per attached recommendation

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

SIGNED *Christine C. Tucker*

TITLE *Production Clerk*

DATE *10-9-72*

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

OCT 1 1973

O. C. C.
ARTESIA, OFFICE

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

Lease: NORTH VACUUM ABO UNIT Well No. 216
Field: NORTH VACUUM (ABO)
County: LEA State: NEW MEXICO

RECOMMENDED PROCEDURE:

1. MOVE IN A PULLING UNIT, PULL THE PRODUCING EQUIPMENT,
AND CLEAN THE WELL OUT TO P.E.T.D. OF 8,648'.

2. TREAT THE ABO PERFORATIONS (8,560' - 8,608') (48' OA - 20 HOLES)
WITH 1000 GALS OF THE FOLLOWING CLEAN-OUT SOLUTION:

A. 800 GALS OF XYLENE BOTTOMS,

B. 200 GALS OF 15% REGULAR HCL ACID,

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

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

DISPLACE 800 GALS OF THE CLEAN-OUT SOLUTION INTO
THE FORMATION AND ALLOW THE REMAINING 200 GALS TO
SOAK THE FORMATION FOR 24 HRS.

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

4. ACIDIZE THE ABO PERFORATIONS (8,560' - 8,608') (48' OA - 20 HOLES)
WITH 5,000 GALS OF 15% NON-EMULSION, IRON-STABILIZED,
HCL ACID. TREAT AT 2 TO 5 BBL/MIN AND USE A
SUFFICIENT QUANTITY OF RUBBER-COVERED NYLON BALL
SEALERS TO OBTAIN A COMPLETE BALL OUT. RELEASE THE

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. 216
Field: NORTH VACUUM (ABO)
County: LEA State: NEW MEXICO

RECOMMENDED PROCEDURE:

BALL SEALERS AND INJECT 15,000 GALS OF FRESH WATER
TREATED WITH 2 GALS OF ADMALL PER 1000 GALS OF WATER.

5. RUN 2" (BUTTRESS THREAD COUPLING, N-80) INJECTION TUBING
AND A MODEL "NB" PACKER*. LOAD THE TUBING-CASING
ANNULUS WITH FRESH WATER TREATED WITH 10 GALS OF
CORTON 2207/1,000 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.

6-14-73 JN

Oper. Engr.
Form - 1/73

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DIAGRAMMATIC WELL SKETCH
NORTH VACUUM ABO UNIT WELL No. 216
NORTH VACUUM (ABO) POOL
LEA COUNTY, NEW MEXICO

GL ELEV = 4,039'
 ELEV =

13 3/8" - 48 #/ft. H-40 Cmt circ.

27'

8 5/8" - 24 #/ft. K-55 Set w/ 820 SX.
 Min. Burst Press. = 2950 CIRC.

1,695'

Cement Top
 (T.S.)

3,025'

2 7/8" C.S. #/ft J-55 Tubing
 8639'

ABO PERFORATIONS

8560' - 8562' - 2' - 4 Holes
 8566' - 8568' - 2' - 4 ✓
 8589' - 8591' - 2' - 4 ✓
 8597' - 8599' - 2' - 4 ✓
 8606' - 8608' - 2' - 4 ✓

TOTAL 20 Holes

5 1/2" - 17 #/ft K-55 Set w/ 1050 SX.
 Min. Burst Press. = 5320

8,648' P.B.T.D.

8,684'

8,685' T.D.

6-1-73
 IEW

(GULF LEA "FE" STATE NO. 6)