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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>217</i>
4. Location of Well UNIT LETTER <i>F</i> , <i>2080</i> FEET FROM THE <i>North</i> LINE AND <i>2080</i> FEET FROM THE <i>West</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 Vac - also</i>
15. Elevation (Show whether DF, RT, GR, etc.) <i>4048 GL</i>	12. County <i>Lea</i>

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
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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 JOBS ☐	

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 O. Tucker* TITLE *Proration Clerk* DATE *10-9-73*

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: _____

RECEIVED

OCT 10 1973

O. C. C.
ARTESIA, OFFICE

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

Lease: NORTH VACUUM ABO UNIT Well No. 217
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 8,659'.

2. SPOT 500 GALS OF 15% NON-EMULSION HCL ACID IN THE
BOTTOM OF THE HOLE AND PERFORATE THE FOLLOWING INTERVALS
IN THE ABO FORMATION WITH 1 JET SHOT PER PLANE:

<u>8,616'</u>	<u>8,625'</u>	<u>8,636'</u>	<u>8,645'</u>	
<u>8,617'</u>	<u>8,626'</u>	<u>8,640'</u>	<u>8,646'</u>	
<u>8,622'</u>	<u>8,624'</u>	<u>8,641'</u>	<u>8,647'</u>	<u>32' OR - 16 HOLES</u>
<u>8,624'</u>	<u>8,625'</u>	<u>8,644'</u>	<u>8,648'</u>	

PERFORATIONS WERE SELECTED FROM DRESSER ATLAS GR-N ACOUSTIC
LOG DATED 2-10-71.

3. TREAT THE ABO PERFORATIONS (8,595' - 8,648') (53' OR - 32 HOLES)
WITH 1,000 GALS OF THE FOLLOWING CLEAN-OUT SOLUTION:

A. 800 GALS OF XYLENE POTASS,

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 POTASS.

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

6-14-73 JN

Oper. Engr.
Form - 1/73

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. 217
Field: NORTH VACUUM (ABO)
County: LEA State: NEW MEXICO

RECOMMENDED PROCEDURE:

THE FORMATION FACE FOR 24 HRS.

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

5. ACIDIZE THE ABO PERFORATIONS (8,595' - 8,642') (53' OR - 32 HOURS)
WITH 5,000 GALS OF 15% NON-EMULSION, IRON STABILIZED,
HCL ACID. TREAT AT 2 TO 5 BBL'S/MIN AND USE A
SUFFICIENT QUANTITY OF FLUOREN-COATED NYLON BALL
SEALERS TO OBTAIN A COMPLETE BALL-OUT. APPROXIMATELY
55 BALL SEALERS WILL BE REQUIRED. RELEASE THE BALL
SEALERS AND INJECT 15,000 GALS OF FRESH WATER
TREATED WITH 2 GALS OF ADONALL / 1,000 GALS OF WATER.

6. RUN 2" (BUTTRESS THREADED COUPLING, N-80) TUBING
AND A MODEL "AB" 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 INTER

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

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Lease: NORTH VACUUM ABO UNIT Well No. 217

Field: NORTH VACUUM (ABO)

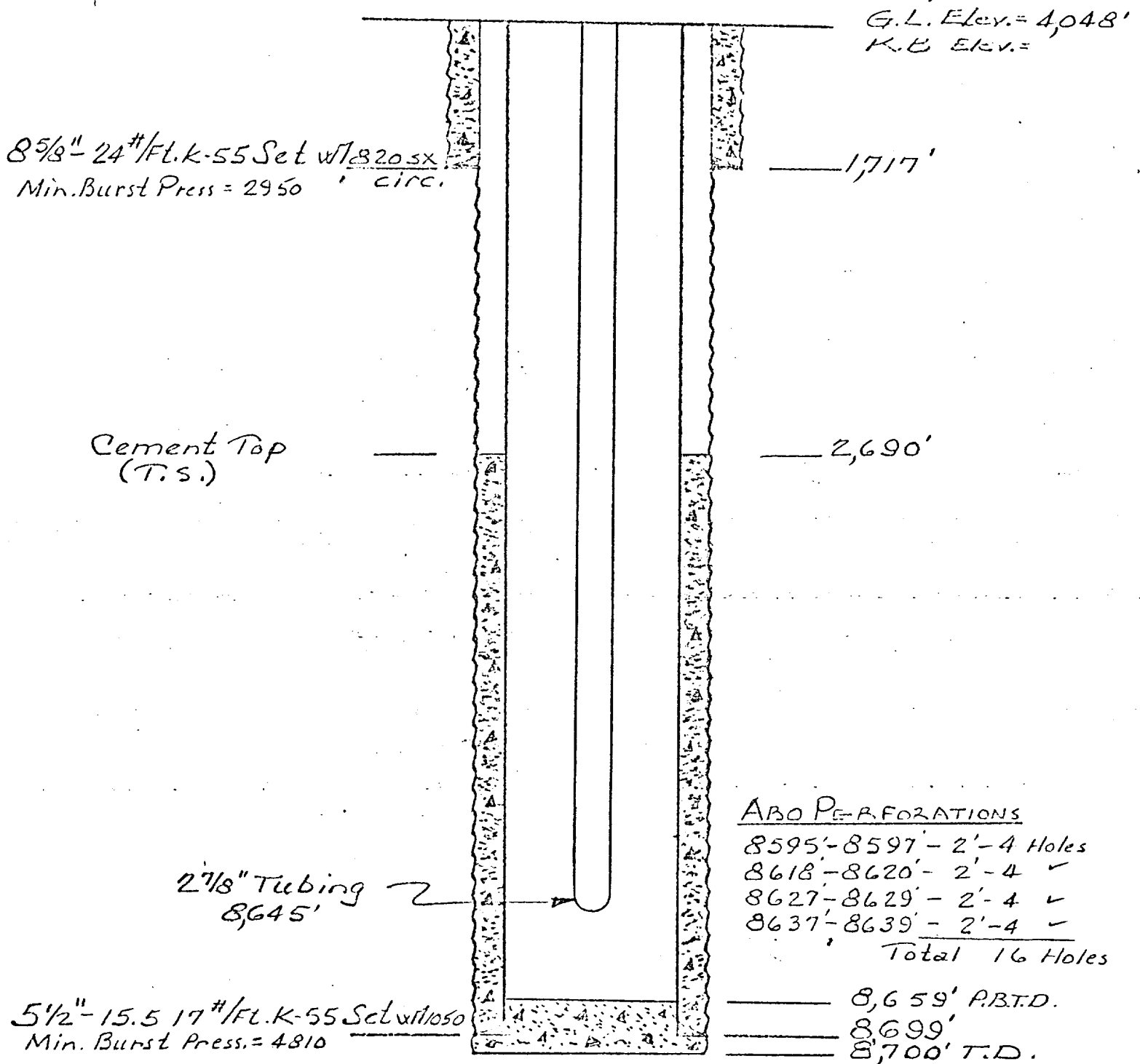
County: LEA State: NEW MEXICO

RECOMMENDED PROCEDURE:

7. PUT THE WELL ON INJECTION.

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

DIAGRAMMATIC WELL SKETCH
NORTH VA JUM ABO UNIT WELL N. 217
NORTH VACUUM (ABO) POOL
LEA COUNTY, NEW MEXICO



5-31-73
LEW

(GULF LEA "FE" State No. 5)