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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.

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 <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	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>118</i>
4. Location of Well UNIT LETTER <i>F</i> <i>1980</i> FEET FROM THE <i>North</i> LINE AND <i>1980</i> FEET FROM THE <i>West</i> LINE, SECTION <i>26</i> TOWNSHIP <i>17S</i> RANGE <i>34-E</i> NMPM.	10. Field and Pool, or Wildcat <i>North Vac - also</i>
15. Elevation (Show whether DF, R?, K, etc.) <i>4030 CR</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:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <i>Convert to WIW</i> <input checked="" type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	OTHER <input type="checkbox"/>

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 Procedure

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

SIGNED *Christine P. Fuchs* TITLE *Protection Clerk* DATE *6-4-73*

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 VACUUM ABO UNIT Well No. 118
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.B.T.D. OF 8,650'.

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>8,484'</u>	<u>8,499'</u>	<u>8,509'</u>	<u>8,533'</u>	<u>8,545'</u>	<u>8,555'</u>
<u>8,486'</u>	<u>8,500'</u>	<u>8,511'</u>	<u>8,541'</u>	<u>8,549'</u>	<u>8,557'</u>
<u>8,487'</u>	<u>8,504'</u>	<u>8,527'</u>	<u>8,542'</u>	<u>8,550'</u>	<u>8,566'</u>
<u>8,491'</u>	<u>8,506'</u>	<u>8,530'</u>	<u>8,543'</u>	<u>8,553'</u>	<u>8,567'</u>
<u>8,497'</u>	<u>8,507'</u>	<u>8,532'</u>	<u>TOTAL - 83' OR - 27 HOLES</u>		

PERFORATIONS WERE SELECTED FROM SCHLUMBERGER'S GP-N
LOG DATED 7-13-70.

3. TREAT THE ABO PERFORATIONS (8,484' - 8,567') (83' 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,
- C. 2 GALS OF ADOFORM (10 GALS OF ADOFORM / 1,000 GALS OF WATER).

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

DISPLACE 800 GALS OF THE CLEAN-OUT SOLUTION INTO

5-4-73 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 URQUUM ABO UNIT Well No. 118

Field: NORTH URQUUM (ABO)

County: LEA 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
CLEAN-OUT SOLUTION HAS BEEN REMOVED.

5. ACIDIZE THE ABO PERFORATIONS (8,484'-8,567') (83' OR-
45 HOLES) WITH 5000 GALS OF 15% NON-EMULSION,
IRON STABILIZED, HCL ACID. TREAT AT 2 TO 5 BBL/MIN
AND INJECT A SUFFICIENT QUANTITY OF RUBBER-COVERED
NYLON BALL SEALERS TO OBTAIN A COMPLETE BALL-OUT.
APPROXIMATELY 80 BALL SEALERS WILL BE REQUIRED.
RELEASE THE BALL SEALERS AND INJECT 15,000 GALS OF
FRESH WATER TREATED WITH 2 GALS OF ADOBALL / 1000 GALS OF WATER.

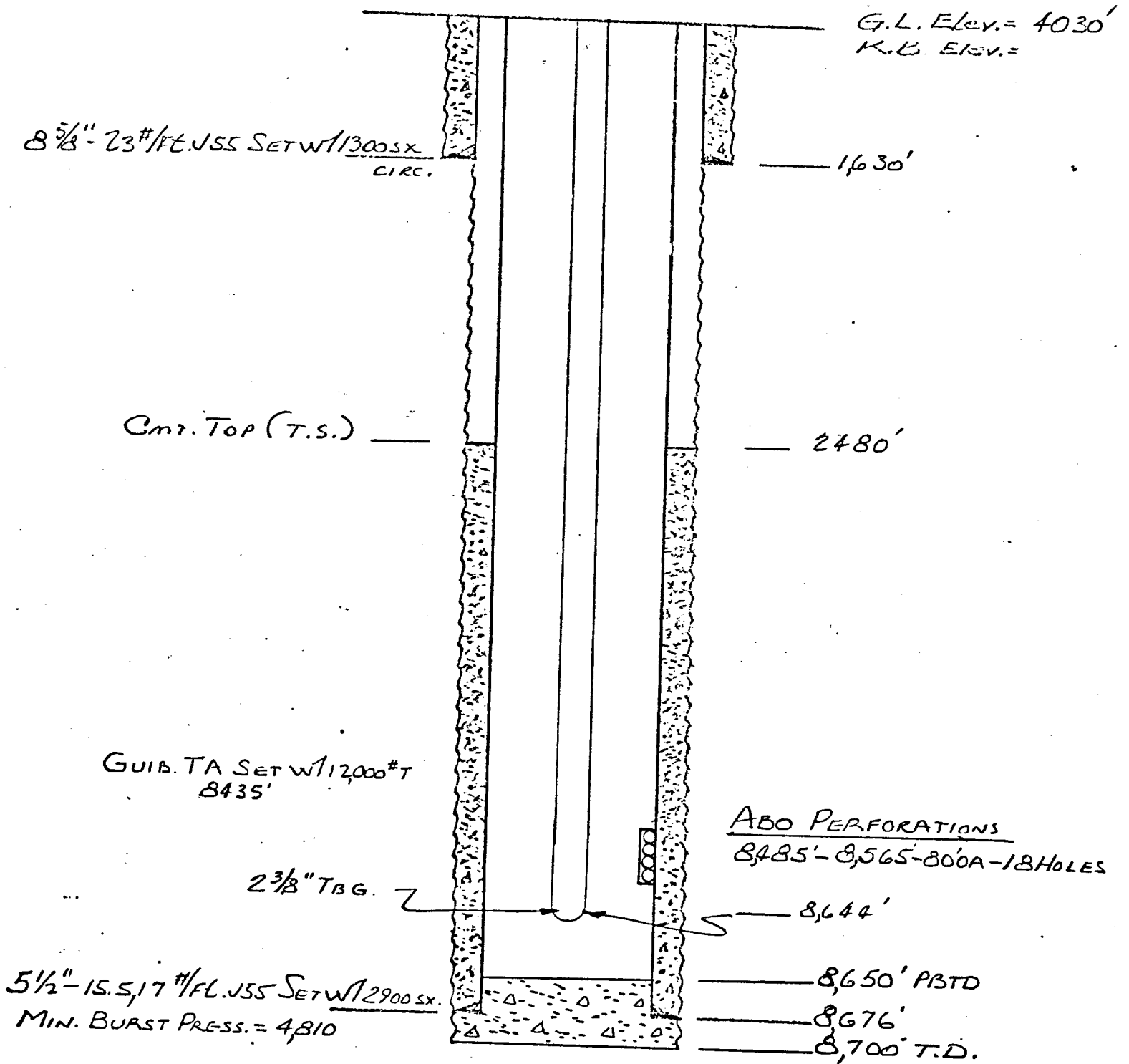
6. RUN 2" (PISTON THREAD COUPLING, N-80) INJECTION TUBING AND A
MODEL "NB" PACKER*, LOAD THE TUBING-CASING ANNULUS WITH FRESH
WATER TREATED WITH 10 GALS OF CORTRON 2207 / 1000 GALS OF WATER.
SET THE PACKER APPROXIMATELY 50' ABOVE THE INJECTION INTERVAL.

7. PUT THE WELL ON INJECTION — NOTE: A HIGH PRESSURE
ALTERNATE GAS AND WATER INJECTION PROJECT IS PLANNED.

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

5-4-73 JW

DIAGRAMMATIC WELL SKETCH
 NORTH VACUUM ABO UNIT WELL NO. 118
 NORTH VACUUM (ABO) POOL
 LEA COUNTY, NEW MEXICO



4-16-73
 16W