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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.

B-1520

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 Mobil Oil Corporation	8. Farm or Lease Name North Haven 460 Unit
3. Address of Operator Box 633, Midland, Texas	9. Well No. 144
4. Location of Well UNIT LETTER P, 660 FEET FROM THE East LINE AND 460 FEET FROM THE South LINE, SECTION 15, TOWNSHIP 17-S, RANGE 34-E N.M.P.M.	10. Field and Pool, or Wildcat North Haven 460
15. Elevation (Show whether DF, RT, GR, etc.) 4046.1 GR	12. County Lea

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 Wind ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐
COMMENCE DRILLING OPNS. ☐
CASING TEST AND CEMENT JOBS ☐
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 Wind 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 D. 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 WICHITA LEO UNIT Well No. 144
Field: NORTH WICHITA (RPO)
County: LEF State: NEW MEXICO

RECOMMENDED PROCEDURE:

1. MOVE IN A PUMPING UNIT, RUN THE PRODUCING FORMATION,
AND CLEAN THE WELL OUT TO T.D. OF 2,500'.

2. SPOT 500 GALS OF 15% HYDROFLUORIC ACID IN
THE BOTTOM OF THE WELL AND INDICATED THE FOLLOWING
INTERVALS ON THE DEEPER LOGS WITH 1 JET SHOT / PLANE:

8,653'	8,655'	8,657'	8,659'	8,661'
8,654'	8,656'	8,658'	8,660'	8,662'
8,664'	8,666'	8,668'	TOTALS - 45' OR - 12 HOLES	

FLUORATIONS WERE SAMPLED FROM COLUMBIAS SNP LOG DATED 10-16-70.

3. TREAT THE TWO PRODUCTIONS (8,653' - 8,662') (45' OR - 23 HOLES)
WITH 1,000 GALS OF THE FOLLOWING CLEAN-OUT SOLUTION:

- A. 800 GALS OF VOLUME POTASSIUM,
- B. 200 GALS OF 15% HYDROFLUORIC ACID,
- C. 2 GALS OF ADONIS (10 GALS OF ADONIS / 1000 GALS OF ACID).

NOTE: BLEND THE ADONIS INTO THE ACID PRIOR TO MIXING
THE ACID AND VOLUME POTASSIUM.

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

4. SWAB AND CLEAN UP THE WELL UNTIL ALL THE CLEAN-OUT

4-19-73 JV

Oper. Engr.
Form - 1/73

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

Lease: NORTH LINCOLN EPC UNIT Well No. 144
Field: NORTH LINCOLN (APD)
County: LEA State: NEW MEXICO

RECOMMENDED PROCEDURE:

SOLUTION HAS BEEN REMOVED.

5. ACIDIFY THE FRO PRELIMINARY (2,400 - 2,600' / 11-23 HLES)
WITH 5,000 GALS. OF 12% HYDROCHLORIC ACID. TREAT AT 2 TO 5 FPM AND INJECT A SUFFICIENT
QUANTITY OF PUMP-CONTROLLED ANION PILL SEPARATORS TO OBTAIN
A COMPLETE PILL-OUT. FOLLOW THE PILL SEPARATORS AND
INJECT 15,000 GALS. OF FRESH WATER TREATED WITH 2
GALS. OF BROMINE / 1,000 GALS. OF WATER.

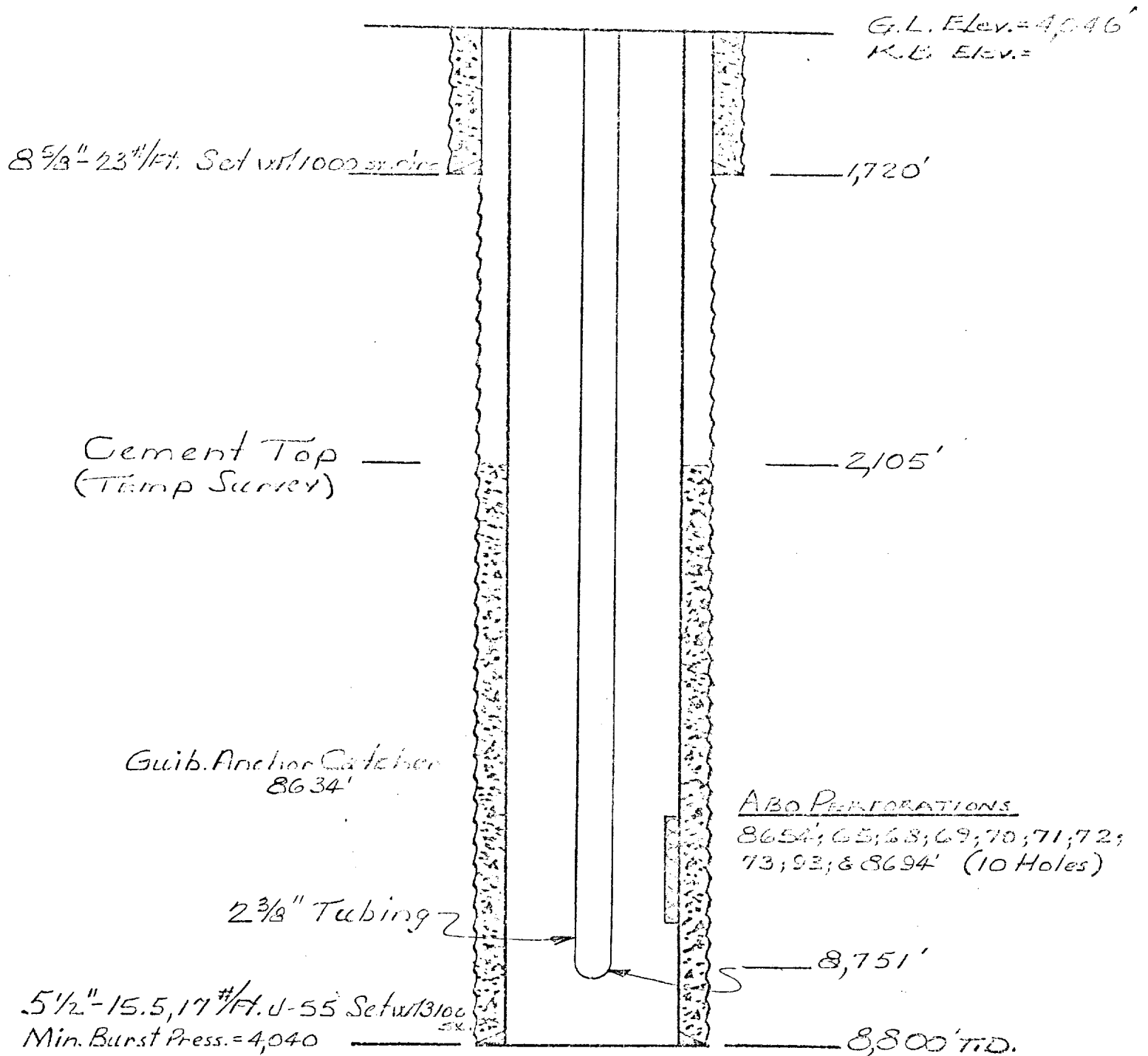
6. RUN 2" (RUSTLESS THREAD COUPLING, 11-80) INJECTION TUBING
AND A MODEL "112" PACKER. LOAD THE TUBING-CASING
ANNULUS WITH FRESH WATER TREATED WITH 10 GALS. OF
CORTRON 2507 / 1,000 GALS. OF WATER. SET THE PACKER
APPROXIMATELY 50' ABOVE THE INJECTION INTERVAL.

7. PUT THE WELL ON PRODUCTION.

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

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

DUGGINS Well Sketch
North Apache Ground Well No. 194
North Apache Ground Pool
LEA County, New Mexico



4-16-73
 LEW