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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. <i>B-1520</i>
7. Unit Agreement Name
8. Field or Lease Name <i>Bridge State</i>
9. Well No. <i>31</i>
10. Field and Pool, or Wildcat <i>Vac - G SA</i>
12. County <i>Lea</i>

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.)

OIL WELL ☐ GAS WELL ☐ OTHER *WIW*

Name of Operator
Mobil Oil Corporation

Address of Operator
Box 633, Midland, Texas 79701

Location of Well
UNIT LETTER *C* *1980* FEET FROM THE *West* LINE AND *660* FEET FROM
THE *North* LINE, SECTION *23* TOWNSHIP *17N* RANGE *34E* N.M.P.M.

15. Elevation (Show whether DF, RT, GR, etc.)
4031 CL

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
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 ☐	CASING TEST AND CEMENT JOBS ☐	

7. 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.

Set a liner, perforate and acidize to improve the injection profile as per attached recommendation

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

Original Signed by:
(Mrs.) Christine O. Tucker

SIGNED *Joe D. Ramsey* TITLE *Production Clerk* DATE *9-12-73*

PROVED BY *Joe D. Ramsey* DATE *9-12-73*

CONDITIONS OF APPROVAL, IF ANY:

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

Lease: BRIDGES STATE Well No. 31

Field: URQUIM (GPB6 - S.D.)

County: LIEB State: NEW MEXICO

RECOMMENDED PROCEDURE:

1. MOVE TO A PULLING UNIT AND PULL THE INJECTION EQUIPMENT.

2. RUN A 5" 12.0 LB/FT, K-55, FLUSH JOINT LINER FROM APPROXIMATELY 4,145' TO T.D. OF 4,701'. CEMENT WITH CLASS C NEAT CEMENT (14.8 LB/GAL) SLURRY CONTAINING 0.3% CFR-2 (HALLIBURTON'S FRICTION REDUCING AGENT). CEMENT AT APPROXIMATELY 5 BBL/MIN. APPROXIMATELY 100 SX OF NEAT CEMENT WILL BE REQUIRED, USE A PICK-OFF TYPE LINER-HANGER IN SETTING THE LINER.

3. DRILL OUT PLUGS AND CEMENT TO P.B.T.D. OF 4,670' AFTER 24 HRS WOC.

4. RUN A GAMMA RAY - COMPENSATED NEUTRON - COLLAR LOG FROM P.B.T.D. OF 4,670' THROUGH THE MINIMUM LOGGING INTERVAL.

5. SPOT 300 GALS OF 15% NON-EMULSION, IRON-STABILIZED, HCL ACID IN THE BOTTOM OF THE HOLE AND PERFORATE THE SAN ANDRES FORMATION WITH 1 JET SHOT PER PLANE

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

Lease: BRIDGES STATE Well No. 31

Field: VACUUM (GPPG - S.A.)

County: LEA State: NEW MEXICO

RECOMMENDED PROCEDURE:

AS DIRECTED BY THE GEOLOGIST (U.L. JIMMIE, MIDLAND, TEX, EXETER

6. TREAT THE SAN ANDRES PERFORATIONS WITH 1,000 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 ADDFORM (10 GALS OF ADDFORM/1,000 GALS OF ACID).

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

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

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

8. ACIDIZE THE SAN ANDRES PERFORATIONS WITH 2,500 GALS
OF 15% NON-EMULSION, IRON-STABILIZED, HCL ACID. TREAT
AT 3 TO 5 BPS/MIN AND INJECT A SUFFICIENT QUANTITY
OF RUBBER-COVERED NYLON BALL SEALERS TO OBTAIN
A COMPLETE BALL-OUT. APPROXIMATELY 45 BALL SEALERS
WILL BE REQUIRED. RELEASE THE BALL SEALERS AND

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

Lease: BRIDGES STATE Well No. 31
Field: URQUIM (GPPG - S.A.)
County: LEA State: NEW MEXICO

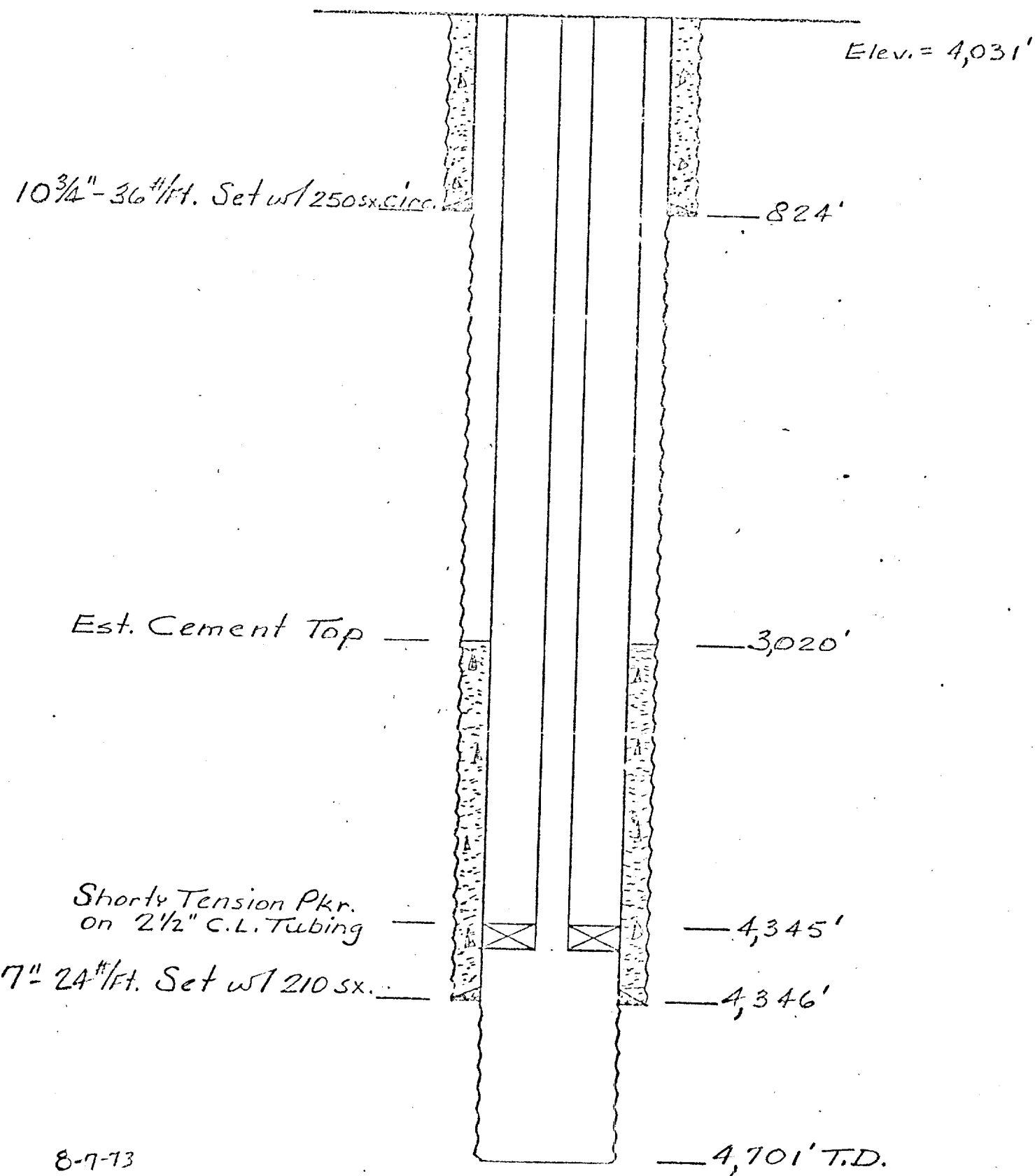
RECOMMENDED PROCEDURE:

INJECT 7,500 GALS OF FRESH WATER TREATED WITH 2.
GALS OF ADDONAL. PER 1,000 GALS OF WATER.

9. INSPECT AND RUN THE 2 1/2" CEMENT LINED INJECTION
TUBING (PER THE ATTACHED RECOMMENDATIONS) AND RUN
INJECTION PACKER. LOAD THE TUBING CASING - DANNIUS WITH
FRESH WATER TREATED WITH 10 GALS OF CORTON 2207
PER 1,000 GALS OF WATER. SET THE INJECTION PACKER
APPROXIMATELY 50' ABOVE THE LINER TOP.

10. RETURN THE WELL TO PRODUCTION.

DIAGRAMMATIC WELL SKETCH
BRILGES STATE WELL No. 31 W.I.W.
VACUUM (GRAYBORG-SAN ANDRES) FIELD
LEA COUNTY, NEW MEXICO



8-7-13
ICW