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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

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.)		5a. Indicate Type of Lease State ☒ Fee ☐
OIL WELL ☐ GAS WELL ☐ OTHER- <u>WIW</u>		5. State Oil & Gas Lease No. <u>B-1520</u>
Name of Operator <u>Matul oil Corporation</u>		7. Unit Agreement Name
Address of Operator <u>Box 633, Midland, Texas 79701</u>		8. Farm or Lease Name <u>Bridges State</u>
Location of Well UNIT LETTER <u>A</u> <u>660</u> FEET FROM THE <u>North</u> LINE AND <u>660</u> FEET FROM THE <u>East</u> LINE, SECTION <u>23</u> TOWNSHIP <u>17-S</u> RANGE <u>34-E</u> NMPM.		9. Well No. <u>21</u>
15. Elevation (Show whether DF, RT, GR, etc.) <u>3943 GR</u>		10. Field and Pool, or Wildcat <u>Vac - G - S.A.</u>
12. County <u>Lea</u>		

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 JOB ☐	OTHER ☐

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	TITLE <u>Production Clerk</u>	DATE <u>9-12-72</u>	
Original Signed by: Joe D. Ramey Dist. J. Supv.	TITLE	DATE	SEP 14 1973
APPROVED BY			
CONDITIONS OF APPROVAL, IF ANY:			

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

Lease: BRIDGE STATE Well No. 21

Field: VACUUM (GREG-S.A.)

County: LEA State: NEW MEXICO

RECOMMENDED PROCEDURE:

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

2. RUN A 5", 13.0 LB/FT, K-55, FLUSH JOINT LINED FROM
APPROXIMATELY 4,150' TO T.D. OF 4,660'. CEMENT WITH
CLASS C NEPT CEMENT (14.2 LBS/GAL) SLURRY CONTAINING
0.3% CFR-2 (HALLIPORTON'S FRICTION REDUCING AGENT),
CEMENT AT APPROXIMATELY 5 PPS/MIN. APPROXIMATELY 100
SX OF NEPT CEMENT WILL BE REQUIRED. USE A PACK-OFF
TYPE LINER-HANGER IN SETTING THE LINER.

3. DRILL OUT PLUGS AND CEMENT TO P.B.T.D. 4,635'
AFTER 24 HRS WOG.

4. RUN A GAMMA RAY - COMPENSATED NEUTRON - COLLAR LOG
FROM P.B.T.D. OF 4,635' 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

8-13-72 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: BRIDGES STATE Well No. 21
Field: VACUUM (GARG-S.A.)
County: LRA State: NEW MEXICO

RECOMMENDED PROCEDURE:

AS DIRECTED BY THE GEOLOGIST (V. L. JAMES, MIDLAND, TEX, EXT 322).

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 ADOPAD (10 GALS OF ADOPAD/1,000 GALS OF ACID)

NOTE: BLEND THE ADOPAD INTO THE ACID BEFORE 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-STERILIZED, HCL ACID.
TREAT AT 3 TO 5 PPLS/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

8-13-73 JN

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

Lease: BRIDGES STATE Well No. 21
Field: UACUM (GABG-S.A.)
County: LEA State: NEW MEXICO

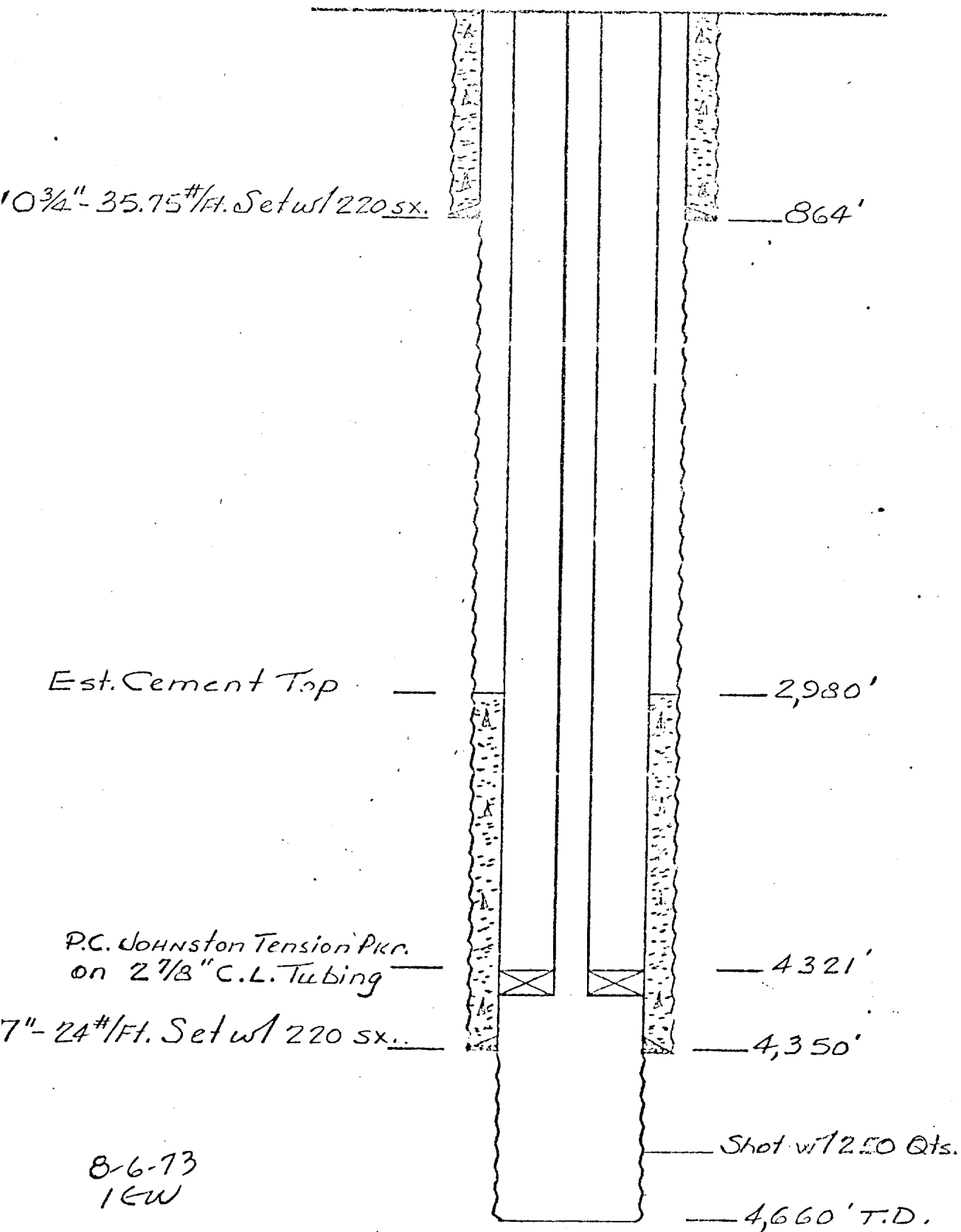
RECOMMENDED PROCEDURE:

AND INJECT 7500 GALS OF FRESH WATER TREATED WITH
2 GALS OF ADOMALL PER 1,000 GALS OF WATER.

9. INJECT AND PUMP THE 2" CEMENT LINED INJECTION
TUBING (PER THE ATTACHED RECOMMENDATIONS) AND AN
INJECTION PACKER. LOAD THE TUBING Casing-Annulus
WITH FRESH WATER TREATED WITH 10 GALS OF CORTON
2207 PER 1,000 GALS OF WATER. SET THE INJECTION
PACKER APPROXIMATELY 50' ABOVE THE LNER TOP.

10. RETURN THE WELL TO INJECTION.

DIAGRAMMATIC WELL SKETCH
BRITISH STATE WELL NO. 2 WLLW
VACUUM (GRUBBER SAN ANDRES) FIELD
LEA COUNTY, NEW MEXICO



8-6-73
1EW