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LAND OFFICE	
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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.
7. Unit Agreement Name
8. Farm or Lease Name State 2
9. Well No. 1
10. Field and Pool, or Wildcat Voe-G-A.A.
12. County Lea

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- <i>WIU</i>
2. Name of Operator <i>Matco Oil Corporation</i>
3. Address of Operator <i>Box 633, Midland, Texas 79701</i>
4. Location of Well UNIT LETTER <i>A</i> <i>660</i> FEET FROM THE <i>North</i> LINE AND <i>660</i> FEET FROM THE <i>Point</i> LINE, SECTION <i>22</i> TOWNSHIP <i>17-N</i> RANGE <i>34-E</i> NMPM.
15. Elevation (Show whether DF, RT, GR, etc.) <i>4051 CR</i>

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☒	PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐
PULL OR ALTER CASING ☐	OTHER ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐	ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐	OTHER ☐

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.

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

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

SIGNED <i>(Mrs.) Christine O. Tucker</i>	TITLE <i>Production Clerk</i>	DATE <i>9-12-72</i>
APPROVED BY <i>Joe D. Ratney</i>	TITLE <i>Dist. Mgr.</i>	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: STATE "J" Well No. 4
Field: URQUINA (GARCIA - S.A.)
County: LEA State: NEW MEXICO

RECOMMENDED PROCEDURE:

1. MOVE IN A PULLING UNIT, PULL THE INJECTION EQUIPMENT,
AND CLEAN THE WELL OUT TO T.D. OF 4,720'.
2. RUN A 4" 11.3 LB/FT, K-55, FLUSH JOINT LINER FROM APPROX-
IMATELY 4,155' TO T.D. OF 4,720'. CEMENT WITH CLASS C
NEAT CEMENT (14.80 LB/GAL) SLURRY CONTAINING 0.3% CFR-2
(HALLIBURTON'S FRICTION REDUCING AGENT), CEMENT AT APPROX-
IMATELY 5 PPS/MIN. APPROXIMATELY 100 SX OF NEAT
CEMENT WILL BE REQUIRED. USE A PACK-OFF TYPE LINER-
HANGER IN SETTING THE LINER.
3. DRILL OUT PLUGS AND CEMENT TO PBTD OF 4,718'
AFTER WOC FOR 24 HRS.
4. RUN A CASED HOLE GAMMA RAY-NEUTRON - COLLAR
LOG FROM T.D. OF 4,718' THROUGH THE MINIMUM
LOGGING INTERVAL.
5. SPOT 200 GALS OF 15% NON-EMULSION, IRON-STABILIZED, HCL ACID
IN THE BOTTOM OF THE HOLE. AND PERFORATE THE SAN ANDRES
FORMATION WITH 1 JET CHAT PER PLANE AS DIRECTED BY THE
GEOLOGIST (U.L. JAMES, MIDLAND, TEXAS, EXT. 322).

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

Lease: STATE "J" Well No. 4
Field: URQUIM (GRAB-S.A.)
County: LEA State: NEW MEXICO

RECOMMENDED PROCEDURE:

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 ADIFORM (10 GALS OF ADIFORM / 1,000 GALS OF ACID).

NOTE: BLEND THE ADIFORM 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 PLS/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 INJECT 7,500 GALS OF
FRESH WATER TREATED WITH 2 GALS OF ADIMALL PER
1,000 GALS OF WATER.

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

Lease: STATE "J" Well No. 4

Field: URQUIM (GREG-S.A.)

County: LEA State: NEW MEXICO

RECOMMENDED PROCEDURE:

9. INSPECT AND RUN 2" CEMENT LINED INJECTION TUBING
(PER THE ATTACHED RECOMMENDATIONS) AND RUN INJECTION
PACKER. LOAD THE TUBING CASING-ANNULUS WITH FRESH
WATER TREATED WITH 10 GALS OF CORTRON 2007 PER
1000 GALS OF WATER. SET THE PACKER APPROXIMATELY 50'
ABOVE THE LINER TOP.

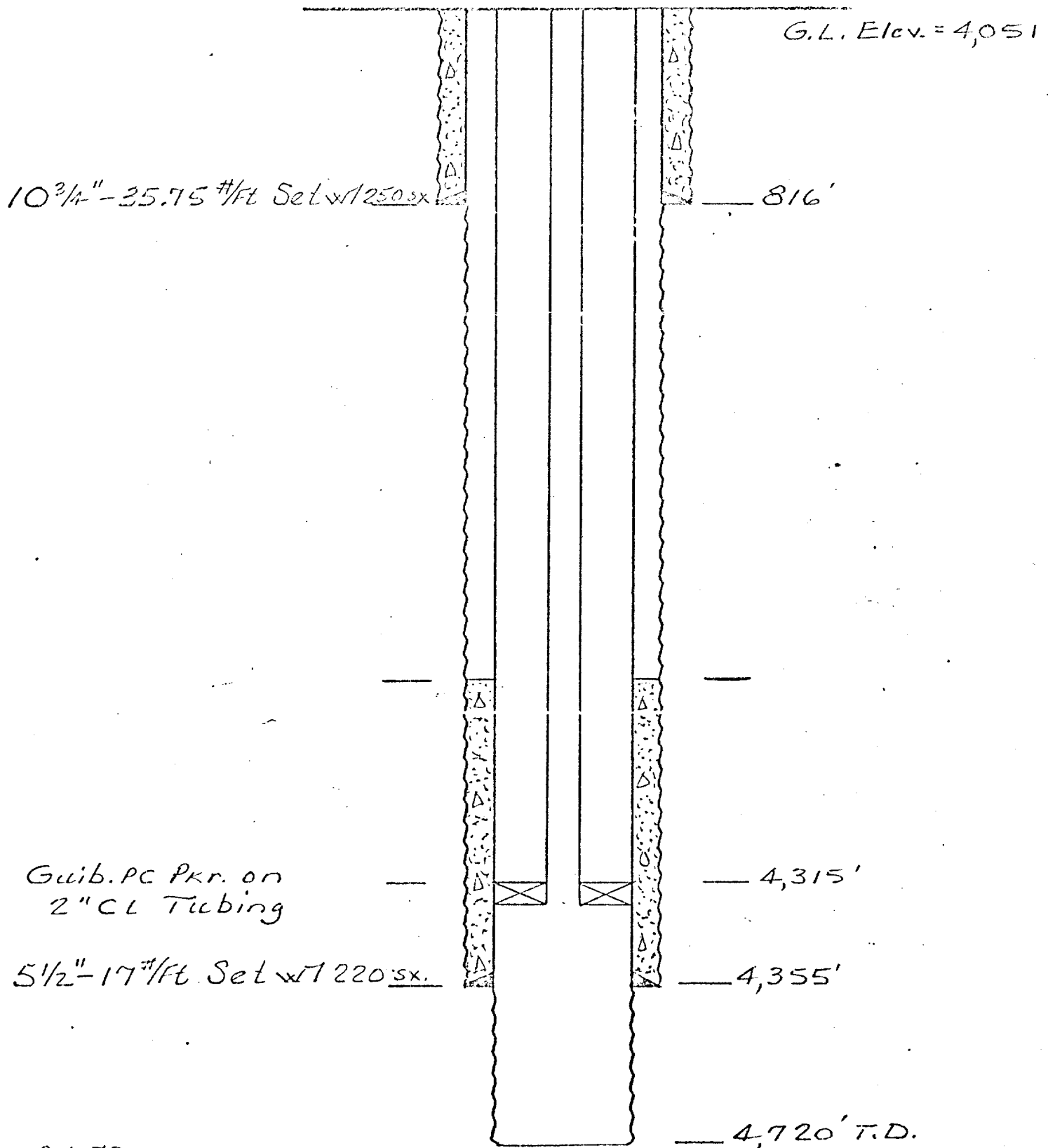
10. RETURN THE WELL TO INJECTION.

Diagrammatic Well Sketch

State "J" Well No. 4 with

Vacuum (Grbg. - SA) Field

Lee County, New Mexico



8-6-73
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