

BOX 1468
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MARTIN WATER LABORATORIES, INC.
WATER CONSULTANTS SINCE 1953
BACTERIAL AND CHEMICAL ANALYSES

406 W. ILLINOIS
MIDLAND, TEXAS 79701
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To: Mr. Dale Crockett
P. O. Box 730
Hobbs, New Mexico

Laboratory No. B97520
Samples received 9-25-75
Results reported 10-3-75

Company: Skelly Oil Company
County: Lea, New Mexico
Field: Lovington
Lease: Lovington San Andres Unit - Mixed Water System

Source of sample and date taken:

- #1. Treated water - taken from injection pump discharge. 9-25-75
#2. Injection water - taken from input #47. 9-25-75

	#1	#2
Iron bacteria	Not detected	Not detected
Sulfur bacteria	380	280
Sulfate-reducing bacteria	Not detected	Not detected
Other aerobes	1,700	220
Other anaerobes	610	360
Fungi (& aciduric bacteria)	6	Not detected
Algae	Not detected	Not detected
Protozoa	Not detected	Not detected
Total count	2,696	860
pH	6.7	6.8
Temperature	70	71

Note: All numerical results are reported as the number of cells per milliliter of the sample as determined by plate counts; except iron, algae, and protozoa, which are determined microscopically.

Remarks: The above results clearly indicate no significant bacterial development, and consequently still no need for any bactericidal treatment.

Waylan C. Martin, M. A.

cc: Mr. F. J. Petro, Midland

DISTRICT OFFICE

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