



P. O. BOX 1499

HOBBS, NEW MEXICO 88240

707 NORTH LEECH

PHO. (505) 393-7751

WATER ANALYSIS REPORT

(Expressed in ppm Unless Indicated Otherwise)

ATTN: Mr. Forrest Noah

FOR: Warren Petroleum Company

DATE SAMPLED: 3-3-83

PLANT: Saunders

DATE SUBMITTED: 3-4-83

LOCATION: Tatum, NM

DATE ANALYZED: 3-4-83

SAMPLE SOURCE:

East

Water

Well

pH

7.28

Pheno. Alkalinity (CaCO₃)

NIL

Total Alkalinity (CaCO₃)

148

Bicarbonate (HCO₃)

181

Carbonate (CO₃)

0

Hydroxide (OH)

0

Total Hardness (CaCO₃)

228

Calcium (CaCO₃)

170

Magnesium (CaCO₃)

58

Chloride (CL)

58

Sulfate (SO₄)

54.1

Total Phosphate (PO₄)Orthophosphate (PO₄)Polyphosphate (PO₄)Silica (SiO₂)

Iron (Fe)

0.08

Chromate (CrO₄)

Specific Conductance (MMHOS)

518

Chloride Concentrations

Hardness Concentrations

Sulfide (S)

NIL

Barium (Ba +2)

0.08

Sodium (Na+) (Calc)

26.7

Total Dissolved Solids

401

REMARKS: Here is the analysis for the sample you requested. If we may be of further service, please call.

Thank-you,

Richard L. Maddux

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cc: Scott Wilson

Eddie Slavens

Attachment C-108 XI (d)