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SCALE TENDENCY REPORT

Company : MERIDIAN OIL CO. Date : 04/27/93
Address : ARTESIA, NEW MEXICO Date Sampled : 04/27/93
Lease : BENSON 3 Analysis No. : 4401
Well : #1 Analyst : STEVE TIGERT
Sample Pt. : TANK

STABILITY INDEX CALCULATIONS
(Stiff-Davis Method)
CaCO3 Scaling Tendency

S.I. = -0.7 at 60 deg. F or 16 deg. C
S.I. = -0.7 at 80 deg. F or 27 deg. C
S.I. = -0.6 at 100 deg. F or 38 deg. C
S.I. = -0.6 at 120 deg. F or 49 deg. C
S.I. = -0.5 at 140 deg. F or 60 deg. C

CALCIUM SULFATE SCALING TENDENCY CALCULATIONS
(Skillman-McDonald-Stiff Method)
Calcium Sulfate

S = 2165 at 60 deg. F or 16 deg C
S = 2299 at 80 deg. F or 27 deg C
S = 2364 at 100 deg. F or 38 deg C
S = 2378 at 120 deg. F or 49 deg C
S = 2378 at 140 deg. F or 60 deg C

Petrolite Oilfield Chemicals Group

Respectfully submitted,
STEVE TIGERT