

SCALE TENDENCY REPORT

Company : YATES PETROLEUM Date : 12/19/94
Address : ARTESIA Date Sampled : 12/19/94
Lease : BRANNIGAN "ANF" Analysis No. : 978
Well : #2 Analyst : A. MILLER
Sample Pt. : WELLHEAD

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

S.I. = 0.6 at 80 deg. F or 27 deg. C
S.I. = 0.6 at 100 deg. F or 38 deg. C
S.I. = 0.7 at 120 deg. F or 49 deg. C
S.I. = 0.7 at 140 deg. F or 60 deg. C
S.I. = 0.8 at 160 deg. F or 71 deg. C

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

S = 2584 at 80 deg. F or 27 deg C
S = 2647 at 100 deg. F or 38 deg C
S = 2657 at 120 deg. F or 49 deg C
S = 2655 at 140 deg. F or 60 deg C
S = 2605 at 160 deg. F or 71 deg C

Petrolite Oilfield Chemicals Group

Respectfully submitted,
A. MILLER

PETROLITE