

PETROLITE

SCALE TENDENCY REPORT



Company : YATES DRILLING CO.
Address : ARTESIA, NM
Lease : GARNER
Well : 4
Sample Pt. : WELLHEAD

Date : 5/27/93
Date Sampled : 5/27/93
Analysis No. : 171
Analyst : STEVE TIGERT

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

S.I. = 0.1 at 60 deg. F or 16 deg. C
S.I. = 0.2 at 80 deg. F or 27 deg. C
S.I. = 0.2 at 100 deg. F or 38 deg. C
S.I. = 0.2 at 120 deg. F or 49 deg. C
S.I. = 0.3 at 140 deg. F or 60 deg. C

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

S = 1197 at 60 deg. F or 16 deg C
S = 1271 at 80 deg. F or 27 deg C
S = 1300 at 100 deg. F or 38 deg C
S = 1298 at 120 deg. F or 49 deg C
S = 1288 at 140 deg. F or 60 deg C

Petrolite Oilfield Chemicals Group

Respectfully submitted,
STEVE TIGERT