

SCALE TENDENCY REPORT

Company : YATES PETROLEUM
Address : ARTESIA, NEW MEXICO
Lease : STATE "D"
Well : SWD
Sample Pt. : TANK

Date : 10/28/92
Date Sampled : 10/20/92
Analysis No. : 2594
Analyst : SUE CRISS

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

S.I. =	1.2	at	80 deg. F	or	27 deg. C
S.I. =	1.2	at	100 deg. F	or	38 deg. C
S.I. =	1.2	at	120 deg. F	or	49 deg. C
S.I. =	1.3	at	140 deg. F	or	60 deg. C
S.I. =	1.3	at	160 deg. F	or	71 deg. C

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

S =	3030	at	80 deg. F	or	27 deg. C
S =	3088	at	100 deg. F	or	38 deg. C
S =	3095	at	120 deg. F	or	49 deg. C
S =	3089	at	140 deg. F	or	60 deg. C
S =	3042	at	160 deg. F	or	71 deg. C

Petrolite Oilfield Chemicals Group

Respectfully submitted,
SUE CRISS