

SCALE TENDENCY REPORT -----

Company	: YATES PETROLEUM	Date	: 10/07/92
Address	: ARTESIA, NEW MEXICO	Date Sampled	: 10/06/92
Lease	: ADELINE	Analysis No.	: 197
Well	: #1	Analyst	: STEVE TIGERT
Sample Pt.	: WELLHEAD		

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

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. =	-0.2	at	140 deg. F	or	60 deg. C
S.I. =	-0.2	at	160 deg. F	or	71 deg. C

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

S =	699	at	80 deg. F	or	27 deg C
S =	743	at	100 deg. F	or	38 deg C
S =	762	at	120 deg. F	or	49 deg C
S =	775	at	140 deg. F	or	60 deg C
S =	761	at	160 deg. F	or	71 deg C

Petrolite Oilfield Chemicals Group

Respectfully submitted,
STEVE TIGERT