

SCALE TENDENCY REPORT

Company	: YATES PETROLUEM	Date	: 10/19/95
Address	: ARTESIA, NM	Date Sampled	: 10/18/95
Lease	: CONTINENTAL	Analysis No.	: 011
Well	: BATTERY	Analyst	: SHAWNA MATTHEWS
Sample Pt.	: TANK		

STABILITY INDEX CALCULATIONS

(Stiff-Davis Method)

CaCO₃ Scaling Tendency

S.I. =	-0.1	at	60 deg. F	or	16 deg. C
S.I. =	-0.0	at	80 deg. F	or	27 deg. C
S.I. =	0.0	at	100 deg. F	or	38 deg. C
S.I. =	0.1	at	120 deg. F	or	49 deg. C
S.I. =	0.2	at	140 deg. F	or	60 deg. C

CALCIUM SULFATE SCALING TENDENCY CALCULATIONS

(Skillman-McDonald-Stiff Method)

Calcium Sulfate

S =	3401	at	60 deg. F	or	16 deg C
S =	3588	at	80 deg. F	or	27 deg C
S =	3686	at	100 deg. F	or	38 deg C
S =	3711	at	120 deg. F	or	49 deg C
S =	3718	at	140 deg. F	or	60 deg C

Petrolite Oilfield Chemicals Group

Respectfully submitted,
SHAWNA MATTHEWS