

SCALE TENDENCY REPORT

Company	: SANTA FE	Date	: 10/19/95
Address	: ARTESIA, NM	Date Sampled	: 10/18/95
Lease	: 17-3	Analysis No.	: 017
Well	: BATTERY	Analyst	: SHAWNA MATTHEWS
Sample Pt.	: TANK		

STABILITY INDEX CALCULATIONS

(Stiff-Davis Method)

CaCO3 Scaling Tendency

S.I. =	-0.9	at	60 deg. F	or	16 deg. C
S.I. =	-0.9	at	80 deg. F	or	27 deg. C
S.I. =	-0.9	at	100 deg. F	or	38 deg. C
S.I. =	-0.9	at	120 deg. F	or	49 deg. C
S.I. =	-0.9	at	140 deg. F	or	60 deg. C

CALCIUM SULFATE SCALING TENDENCY CALCULATIONS

(Skillman-McDonald-Stiff Method)

Calcium Sulfate

S =	486	at	60 deg. F	or	16 deg C
S =	541	at	80 deg. F	or	27 deg C
S =	575	at	100 deg. F	or	38 deg C
S =	590	at	120 deg. F	or	49 deg C
S =	599	at	140 deg. F	or	60 deg C

Petrolite Oilfield Chemicals Group

Respectfully submitted,
SHAWNA MATTHEWS