

SCALE TENDENCY REPORT

Company	: YATES PETROLEUM	Date	: 01/08/96
Address	: ARTESIA, NM	Date Sampled	: 01/08/96
Lease	: FOUNDATION "ALO" FED	Analysis No.	: 0197
Well	: #1	Analyst	: ANDY MILLER
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. =	0.1	at	80 deg. F	or	27 deg. C
S.I. =	0.1	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

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

S =	1455	at	60 deg. F	or	16 deg C
S =	1543	at	80 deg. F	or	27 deg C
S =	1580	at	100 deg. F	or	38 deg C
S =	1580	at	120 deg. F	or	49 deg C
S =	1571	at	140 deg. F	or	60 deg C

Petrolite Oilfield Chemicals Group

Respectfully submitted,
ANDY MILLER