

SCALE TENDENCY REPORT

Company	: YATES PETROLEUM	Date	: 03/29/94
Address	: ARTESIA, NEW MEXICO	Date Sampled	: 03/29/94
Lease	: SIX FEDERAL	Analysis No.	: 634
Well	: #2	Analyst	: STEVE TIGERT
Sample Pt.	: WELLHEAD		

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

S.I. =	-1.0	at	60 deg. F	or	16 deg. C
S.I. =	-0.9	at	80 deg. F	or	27 deg. C
S.I. =	-0.8	at	100 deg. F	or	38 deg. C
S.I. =	-0.7	at	120 deg. F	or	49 deg. C
S.I. =	-0.7	at	140 deg. F	or	60 deg. C

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

S =	3001	at	60 deg. F	or	16 deg C
S =	3240	at	80 deg. F	or	27 deg C
S =	3381	at	100 deg. F	or	38 deg C
S =	3431	at	120 deg. F	or	49 deg C
S =	3458	at	140 deg. F	or	60 deg C

Petrolite Oilfield Chemicals Group

Respectfully submitted,
STEVE TIGERT