

SCALE TENDENCY REPORT

Company	: YATES PETROLEUM	Date	: 12/15/93
Address	: ARTESIA, NEW MEXICO	Date Sampled	: 12/15/93
Lease	: BRANNIGAN	Analysis No.	: 448
Well	: #1	Analyst	: STEVE TIGERT
Sample Pt.	: WELLHEAD		

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

S.I. =	0.6	at	60 deg. F	or	16 deg. C
S.I. =	0.7	at	80 deg. F	or	27 deg. C
S.I. =	0.7	at	100 deg. F	or	38 deg. C
S.I. =	0.8	at	120 deg. F	or	49 deg. C
S.I. =	0.8	at	140 deg. F	or	60 deg. C

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

S =	3134	at	60 deg. F	or	16 deg C
S =	3282	at	80 deg. F	or	27 deg C
S =	3352	at	100 deg. F	or	38 deg C
S =	3366	at	120 deg. F	or	49 deg C
S =	3365	at	140 deg. F	or	60 deg C

Petrolite Oilfield Chemicals Group

Respectfully submitted,
STEVE TIGERT