

SCALE TENDENCY REPORT

Company	: YATES PETROLEUM	Date	: 11/09/92
Address	: ARTESIA, NEW MEXICO	Date Sampled	: 10/22/92
Lease	: CC TANK UNIT FED.	Analysis No.	: 229
Well	: #1	Analyst	: STEVE TIGERT
Sample Pt.	:		

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

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. =	-0.0	at	120 deg.	F or	49 deg.	C
S.I. =	0.0	at	140 deg.	F or	60 deg.	C
S.I. =	0.1	at	160 deg.	F or	71 deg.	C

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

S =	3223	at	80 deg.	F or	27 deg	C
S =	3289	at	100 deg.	F or	38 deg	C
S =	3299	at	120 deg.	F or	49 deg	C
S =	3296	at	140 deg.	F or	60 deg	C
S =	3244	at	160 deg.	F or	71 deg	C

Petrolite Oilfield Chemicals Group

Respectfully submitted,
STEVE TIGERT