

SCALE TENDENCY REPORT

Company	: YATES PETROLEUM	Date	: 11/16/92
Address	: ARTESIA, NEW MEXICO	Date Sampled	: 11/13/92
Lease	: HILLVIEW	Analysis No.	: 233
Well	: #13	Analyst	: STEVE TIGERT
Sample Pt.	: WELLHEAD		

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

S.I. =	1.3	at	80 deg.	F or	27 deg.	C
S.I. =	1.4	at	100 deg.	F or	38 deg.	C
S.I. =	1.4	at	120 deg.	F or	49 deg.	C
S.I. =	1.5	at	140 deg.	F or	60 deg.	C
S.I. =	1.5	at	160 deg.	F or	71 deg.	C

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

S =	2996	at	80 deg.	F or	27 deg	C
S =	3050	at	100 deg.	F or	38 deg	C
S =	3054	at	120 deg.	F or	49 deg	C
S =	3047	at	140 deg.	F or	60 deg	C
S =	3001	at	160 deg.	F or	71 deg	C

Petrolite Oilfield Chemicals Group

Respectfully submitted,
STEVE TIGERT