

SCALE TENDENCY REPORT

Company	: YATES PETROLEUM	Date	: 03/19/96
Address	: ARTESIA, NM	Date Sampled	: 03/18/96
Lease	: DIAMOND "AFI"	Analysis No.	: 0246
Well	: #1	Analyst	: TATE LAIR
Sample Pt.	: WELLHEAD		

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

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

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

S =	3945	at	60 deg. F or	16 deg C
S =	4116	at	80 deg. F or	27 deg C
S =	4203	at	100 deg. F or	38 deg C
S =	4223	at	120 deg. F or	49 deg C
S =	4227	at	140 deg. F or	60 deg C

Petrolite Oilfield Chemicals Group

Respectfully submitted,
TATE LAIR