

SCALE TENDENCY REPORT

Company	: YATES PETROLEUM	Date	: 6/23/93
Address	: ARTESIA	Date Sampled	: 6/22/93
Lease	: CONOCO	Analysis No.	: 217
Well	: 15	Analyst	: S.TIGERT
Sample Pt.	: WELLHEAD		

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

S.I. =	1.7	at	60 deg.	F or	16 deg.	C
S.I. =	1.7	at	80 deg.	F or	27 deg.	C
S.I. =	1.8	at	100 deg.	F or	38 deg.	C
S.I. =	1.8	at	120 deg.	F or	49 deg.	C
S.I. =	1.9	at	140 deg.	F or	60 deg.	C

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

S =	1466	at	60 deg.	F or	16 deg	C
S =	1566	at	80 deg.	F or	27 deg	C
S =	1613	at	100 deg.	F or	38 deg	C
S =	1620	at	120 deg.	F or	49 deg	C
S =	1617	at	140 deg.	F or	60 deg	C

Petrolite Oilfield Chemicals Group

Respectfully submitted,
S.TIGERT