

SCALE TENDENCY REPORT

Company	: YATES PETROLEUM	Date	: 10/28/92
Address	: ARTESIA, NEW MEXICO	Date Sampled	: 10/25/92
Lease	: PATHFINDER	Analysis No.	: 207
Well	: SWD	Analyst	: STEVE TIGERT
Sample Pt.	: TANK		

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

S.I. =	1.1	at	60 deg. F	or	16 deg. C
S.I. =	1.2	at	80 deg. F	or	27 deg. C
S.I. =	1.3	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	160 deg. F	or	71 deg. C

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

S =	2944	at	60 deg. F	or	16 deg C
S =	3155	at	80 deg. F	or	27 deg C
S =	3273	at	100 deg. F	or	38 deg C
S =	3307	at	120 deg. F	or	49 deg C
S =	3257	at	160 deg. F	or	71 deg C

Petrolite Oilfield Chemicals Group

Respectfully submitted,
STEVE TIGERT