

SCALE TENDENCY REPORT

Company	: YATES PETROLEUM	Date	: 03/20/96
Address	: ARTESIA, NM	Date Sampled	: 03/18/96
Lease	: MIMOSA "AHS"	Analysis No.	: 0250
Well	: #5	Analyst	: SHAWNA MATTHEWS
Sample Pt.	: WELLHEAD		

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

S.I.	=	-1.1	at	60 deg. F	or	16 deg. C
S.I.	=	-1.1	at	80 deg. F	or	27 deg. C
S.I.	=	-1.0	at	100 deg. F	or	38 deg. C
S.I.	=	-0.9	at	120 deg. F	or	49 deg. C
S.I.	=	-0.8	at	140 deg. F	or	60 deg. C

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

S	=	3371	at	60 deg. F	or	16 deg C
S	=	3667	at	80 deg. F	or	27 deg C
S	=	3855	at	100 deg. F	or	38 deg C
S	=	3945	at	120 deg. F	or	49 deg C
S	=	4011	at	140 deg. F	or	60 deg C

Petrolite Oilfield Chemicals Group

Respectfully submitted,
SHAWNA MATTHEWS