

SCALE TENDENCY REPORT

Company	: YATES PETROLUEM	Date	: 10/19/95
Address	: ARTESIA, NM	Date Sampled	: 10/18/95
Lease	: MEDANO A	Analysis No.	: 006
Well	: BATTERY	Analyst	: SHAWNA MATTHEWS
Sample Pt.	: TANK		

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

S.I.	=	-0.3	at	60 deg.	F or	16 deg.	C
S.I.	=	-0.3	at	80 deg.	F or	27 deg.	C
S.I.	=	-0.3	at	100 deg.	F or	38 deg.	C
S.I.	=	-0.3	at	120 deg.	F or	49 deg.	C
S.I.	=	-0.3	at	140 deg.	F or	60 deg.	C

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

S	=	635	at	60 deg.	F or	16 deg	C
S	=	707	at	80 deg.	F or	27 deg	C
S	=	752	at	100 deg.	F or	38 deg	C
S	=	771	at	120 deg.	F or	49 deg	C
S	=	784	at	140 deg.	F or	60 deg	C

Petrolite Oilfield Chemicals Group

Respectfully submitted,
SHAWNA MATTHEWS