

SCALE TENDENCY REPORT

Company	: YATES PETROLUEM	Date	: 10/19/95
Address	: ARTESIA, NM	Date Sampled	: 10/18/95
Lease	: ARAPHO AKP	Analysis No.	: 013
Well	: BATTERY	Analyst	: SHAWNA MATTHEWS
Sample Pt.	: TANK		

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

S.I.	=	-0.4	at	60 deg. F	or	16 deg. C
S.I.	=	-0.4	at	80 deg. F	or	27 deg. C
S.I.	=	-0.4	at	100 deg. F	or	38 deg. C
S.I.	=	-0.4	at	120 deg. F	or	49 deg. C
S.I.	=	-0.4	at	140 deg. F	or	60 deg. C

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

S	=	431	at	60 deg. F	or	16 deg C
S	=	480	at	80 deg. F	or	27 deg C
S	=	510	at	100 deg. F	or	38 deg C
S	=	523	at	120 deg. F	or	49 deg C
S	=	532	at	140 deg. F	or	60 deg C

Petrolium Oilfield Chemicals Group

Respectfully submitted,
SHAWNA MATTHEWS