

PETROLITE

SCALE TENDENCY REPORT

Company	: YATES PETROLEUM	Date	: 08/02/93
Address	: ARTESIA, NEW MEXICO	Date Sampled	: 08/02/93
Lease	: ESTORIL "Y2"	Analysis No.	: 292
Well	: #1	Analyst	: STEVE TIGERT
Sample Pt.	: WELLHEAD		

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

S.I.	=	-1.4	at	60 deg. F	or	16 deg. C
S.I.	=	-1.3	at	80 deg. F	or	27 deg. C
S.I.	=	-1.3	at	100 deg. F	or	38 deg. C
S.I.	=	-1.2	at	120 deg. F	or	49 deg. C
S.I.	=	-1.1	at	140 deg. F	or	60 deg. C

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

S	=	1756	at	60 deg. F	or	16 deg C
S	=	1941	at	80 deg. F	or	27 deg C
S	=	2063	at	100 deg. F	or	38 deg C
S	=	2120	at	120 deg. F	or	49 deg C
S	=	2160	at	140 deg. F	or	60 deg C

Petro-lite Oilfield Chemicals Group

Respectfully submitted,
STEVE TIGERT