

PETROLITE

SCALE TENDENCY REPORT

Company	: SANTA FE ENERGY	Date	: 2/18/94
Address	:	Date Sampled	: 2/18/94
Lease	: SPRINKLE FEDERAL	Analysis No.	: 101
Well	: #4	Analyst	: STEVE TIGERT
Sample Pt.	: TANK		

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

S.I. =	0.2	at	60 deg. F	or	16 deg. C
S.I. =	0.1	at	80 deg. F	or	27 deg. C
S.I. =	0.1	at	100 deg. F	or	38 deg. C
S.I. =	0.2	at	120 deg. F	or	49 deg. C
S.I. =	0.2	at	140 deg. F	or	60 deg. C

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

S =	488	at	60 deg. F	or	16 deg C
S =	543	at	80 deg. F	or	27 deg C
S =	578	at	100 deg. F	or	38 deg C
S =	593	at	120 deg. F	or	49 deg C
S =	603	at	140 deg. F	or	60 deg C

Petrolite Oilfield Chemicals Group

Respectfully submitted,
STEVE TIGERT