

SCALE TENDENCY REPORT

Company	: YATES PETROLEUM	Date	: 10/19/95
Address	: ARTESIA, NM	Date Sampled	: 10/18/95
Lease	: PRONGHORN AAP	Analysis No.	: 022
Well	: BATTERY	Analyst	: SHAWNA MATTHEWS
Sample Pt.	: TANK		

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

S.I. =	-0.0	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. =	-0.1	at	120 deg. F	or	49 deg. C
S.I. =	-0.0	at	140 deg. F	or	60 deg. C

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

S =	781	at	60 deg. F	or	16 deg C
S =	868	at	80 deg. F	or	27 deg C
S =	923	at	100 deg. F	or	38 deg C
S =	946	at	120 deg. F	or	49 deg C
S =	962	at	140 deg. F	or	60 deg C

Petrolite Oilfield Chemicals Group

Respectfully submitted,
SHAWNA MATTHEWS