

PETROLITE

RECEIVED
Aug 10 11 05 AM '93
CALIFORNIA
ARTESIA

SCALE TENDENCY REPORT

Company	: YATES PETROLEUM	Date	: 08/05/93
Address	: ARTESIA, NEW MEXICO	Date Sampled	: 08/05/93
Lease	: GORMAN "GP"	Analysis No.	: 295
Well	: #1	Analyst	: STEVE TIGERT
Sample Pt.	: WELLHEAD		

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. =	0.2	at	100 deg. F	or	38 deg. C
S.I. =	0.2	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 =	5442	at	60 deg. F	or	16 deg C
S =	5795	at	80 deg. F	or	27 deg C
S =	6013	at	100 deg. F	or	38 deg C
S =	6114	at	120 deg. F	or	49 deg C
S =	6187	at	140 deg. F	or	60 deg C

Petrolite Oilfield Chemicals Group

Respectfully submitted,
STEVE TIGERT