

PETROLITE

SCALE TENDENCY REPORT

Company	: STRATA	Date	: 02/10/93
Address	: ARTESIA, NEW MEXICO	Date Sampled	: 02/02/93
Lease	: LECHUZA FEDERAL	Analysis No.	: 247
Well	: #5	Analyst	: ROZANNE JOHNSON
Sample Pt.	: WELLHEAD		

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

S.I. =	0.1	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. =	0.1	at	140 deg.	F or	60 deg.	C

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

S =	363	at	60 deg.	F or	16 deg	C
S =	404	at	80 deg.	F or	27 deg	C
S =	429	at	100 deg.	F or	38 deg	C
S =	440	at	120 deg.	F or	49 deg	C
S =	447	at	140 deg.	F or	60 deg	C

Petrolite Oilfield Chemicals Group

Respectfully submitted,
ROZANNE JOHNSON