

SCALE TENDENCY REPORT -----

Company	: YATES PETROLEUM	Date	: 03/30/96
Address	: ARTESIA, NM	Date Sampled	: 03/29/96
Lease	: POLO "AOP" FEDERAL	Analysis No.	: 0260
Well	: #4	Analyst	: ANDY MILLER
Sample Pt.	: WELLHEAD		

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

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

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

S =	2048	at	60 deg. F or	16 deg C
S =	2169	at	80 deg. F or	27 deg C
S =	2226	at	100 deg. F or	38 deg C
S =	2234	at	120 deg. F or	49 deg C
S =	2231	at	140 deg. F or	60 deg C

Petrolite Oilfield Chemicals Group

Respectfully submitted,
ANDY MILLER