

SCALE TENDENCY REPORT

Company	: CONCHO RESOURCES	Date	: 4-19-99
Address	:	Date Sampled	: 4-17-99
Lease	: WEST SHUGART FEDERAL	Analysis No.	: 2022
Well	: #9	Analyst	: STEVE TIGERT
Sample Pt.	: HEATER		

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

S.I.	=	-0.2	at	70 deg. F	or	21 deg. C
S.I.	=	-0.2	at	90 deg. F	or	32 deg. C
S.I.	=	-0.1	at	110 deg. F	or	43 deg. C
S.I.	=	-0.0	at	130 deg. F	or	54 deg. C
S.I.	=	0.1	at	150 deg. F	or	66 deg. C

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

S	=	1276	at	70 deg. F	or	21 deg C
S	=	1373	at	90 deg. F	or	32 deg C
S	=	1442	at	110 deg. F	or	43 deg C
S	=	1473	at	130 deg. F	or	54 deg C
S	=	1479	at	150 deg. F	or	66 deg C

Respectfully submitted,
STEVE TIGERT