

SCALE TENDENCY REPORT

Company	: POGO PRODUCING	Date	: 3/17/94
Address	: MIDLAND, TX	Date Sampled	: 3/16/94
Lease	: COVINGTON "A"	Analysis No.	: 632
Well	: #9	Analyst	: A. MILLER
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. =	0.0	at	80 deg. F	or	27 deg. C
S.I. =	0.0	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 =	686	at	60 deg. F	or	16 deg C
S =	763	at	80 deg. F	or	27 deg C
S =	811	at	100 deg. F	or	38 deg C
S =	832	at	120 deg. F	or	49 deg C
S =	846	at	140 deg. F	or	60 deg C

Petrolite Oilfield Chemicals Group

Respectfully submitted,
A. MILLER