

SCALE TENDENCY REPORT

Company	: MACK ENERGY	Date	: 02/25/94
Address	: ARTESIA, NEW MEXICO	Date Sampled	: 02/24/94
Lease	: LANGLEY A FED. COM	Analysis No.	: 1135
Well	: #1	Analyst	: TOM WILTON
Sample Pt.	: WELLHEAD		

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

S.I. =	0.7	at	60 deg. F	or	16 deg. C
S.I. =	0.7	at	80 deg. F	or	27 deg. C
S.I. =	0.8	at	100 deg. F	or	38 deg. C
S.I. =	0.8	at	120 deg. F	or	49 deg. C
S.I. =	0.8	at	140 deg. F	or	60 deg. C

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

S =	2622	at	60 deg. F	or	16 deg C
S =	2880	at	80 deg. F	or	27 deg C
S =	3043	at	100 deg. F	or	38 deg C
S =	3116	at	120 deg. F	or	49 deg C
S =	3166	at	140 deg. F	or	60 deg C

Petrolite Oilfield Chemicals Group

Respectfully submitted,
TOM WILTON

RECEIVED

MAR 22 1994

JOBS
OFFICE