

SCALE TENDENCY REPORT

Company : POGO PRODUCING Date : 3/17/94
Address : MIDLAND, TX Date Sampled : 3/16/94
Lease : RT 26 Analysis No. : 630
Well : #1 Analyst : A. MILLER
Sample Pt. : WELLHEAD

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

S.I. = -0.3 at 60 deg. F or 16 deg. C
S.I. = -0.3 at 80 deg. F or 27 deg. C
S.I. = -0.3 at 100 deg. F or 38 deg. C
S.I. = -0.3 at 120 deg. F or 49 deg. C
S.I. = -0.3 at 140 deg. F or 60 deg. C

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

S = 913 at 60 deg. F or 16 deg C
S = 1015 at 80 deg. F or 27 deg C
S = 1079 at 100 deg. F or 38 deg C
S = 1126 at 120 deg. F or 49 deg C
S = 1167 at 140 deg. F or 60 deg C

Petrolite Oilfield Chemicals Group

Respectfully submitted,
A. MILLER

RECEIVED

U.S. AIR FORCE
OFFICE