

SCALE TENDENCY REPORT

Company : CONOCO INC. Date : 04/12/96  
Address : HOBBS, NM Date Sampled : 04/12/96  
Lease : MEYERS B-4 Analysis No. : 0272  
Well : #29 Analyst : TATE LAIR  
Sample Pt. :

STABILITY INDEX CALCULATIONS  
(Stiff-Davis Method)  
CaCO<sub>3</sub> Scaling Tendency

S.I. = 1.0 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

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

S = 4186 at 60 deg. F or 16 deg C  
S = 4480 at 80 deg. F or 27 deg C  
S = 4654 at 100 deg. F or 38 deg C  
S = 4721 at 120 deg. F or 49 deg C  
S = 4762 at 140 deg. F or 60 deg C

Petrolite Oilfield Chemicals Group

Respectfully submitted,  
TATE LAIR

PETROLITE