

NL TREATING CHEMICALS
NL INDUSTRIES, INC.

SCALING TENDENCIES OF WATERS

COMPANY: ALPHA TWENTY-ONE
SAMPLE POINT: WELL #2
LOCATION: EL PASO TOM FED
DATE: 5/7/84

WATER ANALYSIS (MG/L):

SODIUM: 3956.0
CALCIUM: 320.0
MAGNESIUM: 634.4
CHLORIDE: 2800.0
SULFATE: 625.0
BICARBONATE: 298.9
IRON: 3.8
BARIUM: 0.

PH: 5.5

IONIC STRENGTH = 0.2800

INDEX VALUES GREATER THAN ZERO INDICATE SCALING CONDITIONS
INDEX VALUES OF ZERO OR LESS INDICATE A STABLE WATER

TEMP.	CALCITE INDEX	GYP SUM INDEX	ANHYDRITE INDEX	BARITE INDEX
60	-1.97	-1.08	-1.33	-41.42
80	-1.86	-1.11	-1.26	-41.55
100	-1.74	-1.13	-1.18	-41.67
120	-1.59	-1.13	-1.10	-41.78
140	-1.42	-1.12	-1.00	-41.87
160	-1.22	-1.10	-0.90	-41.95
180	-0.99	-1.08	-0.79	-42.01
200	-0.74	-1.06	-0.66	-42.06
220	-0.46	-1.03	-0.53	-42.08
240	-0.15	-1.00	-0.39	-42.07
260	0.120	-0.96	-0.23	-42.00

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O.C.D.
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