

AL TREATING CHEMICALS
AL INDUSTRIES, INC.

SCALING TENDENCIES OF WATERS

COMPANY: ALPHA TWENTY-ONE
SAMPLE POINT: WELL #1
LOCATION: EL PASO TOM FORD
DATE: 12/7/84

WATER ANALYSIS (MG/L):

SODIUM: 4386.1
CALCIUM: 640.0
MAGNESIUM: 1073.6
CHLORIDE: 9500.0
SULFATE: 1425.0
BICARBONATE: 646.6
IRON: 10.0
MANGANESE: 0.

PH: 5.5

DISS. STRENGTH = 0.3854

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

TEMP.	CALCITE INDEX	GYPHUM INDEX	ANHYDRITE INDEX	BARITE INDEX
60	-1.45	-0.55	-0.81	-41.53
80	-1.35	-0.58	-0.73	-41.66
100	-1.22	-0.59	-0.65	-41.78
120	-1.06	-0.59	-0.56	-41.89
140	-0.88	-0.58	-0.47	-41.99
160	-0.67	-0.57	-0.37	-42.07
180	-0.43	-0.55	-0.26	-42.14
200	-0.16	-0.53	-0.14	-42.20
220	0.15	-0.51	-0.01	-42.23
240	0.49	-0.48	0.13	-42.22
260	0.86	-0.46	0.28	-42.16

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DEC 21 1984

O.C.D.
HOBBS OFFICE