

XI

SCALING TENDENCIES OF WATERS

COMPANY: TEXACO PRODUCING INC.
SAMPLE POINT: WINDMILL NORTH OF JUNKYARD
LOCATION: SKELLY PENROSE "A" UNIT LEFOR F, SEC. 3, T-23-S, R-37E
DATE: 6/18/85 (CHINLE F.W. SAND)

WATER ANALYSIS (MG/L):

SODIUM: 496.8
CALCIUM: 0.
MAGNESIUM: 46.4
CHLORIDE: 500.0
SULFATE: 275.0
BICARBONATE: 292.8
IRON: 0.5
BARIUM: 0.

PH: 8.0

IONIC STRENGTH = 0.0298

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	BAKITE INDEX
60	0.	-46.10	-46.35	-40.68
80	0.	-46.15	-46.29	-40.83
100	0.	-46.17	-46.22	-40.95
120	0.	-46.17	-46.13	-41.04
140	0.	-46.16	-46.03	-41.11
160	0.	-46.13	-45.92	-41.15
180	0.	-46.10	-45.80	-41.18
200	0.	-46.07	-45.67	-41.20
220	0.	-46.02	-45.52	-41.20
240	0.	-45.98	-45.36	-41.19
260	0.	-45.93	-45.19	-41.16