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Unichem International
707 North Leech P.O.Box 1499
Hobbs, New Mexico 88240

Company :
Date : 07-06-1993
Location: BILBERY - #29 (on 7-2-1993)

	Sample 1
Specific Gravity:	1.107
Total Dissolved Solids:	149994
pH:	5.20
IONIC STRENGTH:	3.160

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| CATIONS:     |        | me/liter | mg/liter |
|--------------|--------|----------|----------|
| Calcium      | (Ca+2) | 520      | 10400    |
| Magnesium    | (Mg+2) | 436      | 5300     |
| Sodium       | (Na+1) | 1710     | 39300    |
| Iron (total) | (Fe+2) | 17.9     | 500      |

| ANIONS:     |          |       |       |
|-------------|----------|-------|-------|
| Bicarbonate | (HCO3-1) | 0.400 | 24.4  |
| Carbonate   | (CO3-2)  | 0     | 0     |
| Hydroxide   | (OH-1)   | 0     | 0     |
| Sulfate     | (SO4-2)  | 33.6  | 1610  |
| Chloride    | (Cl-1)   | 2630  | 93300 |

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SCALING INDEX (positive value indicates scale)

Temperature		Calcium Carbonate	Calcium Sulfate
86[F	30[C	-1.7	9.4
110[F	43[C	-0.94	9.8
130[F	54[C	-0.60	9.8
140[F	60[C	-0.41	9.8
160[F	71[C	-0.01	9.6

Comments:
cc: Jay Brown
Joe Hay

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