

Unichem International

707 North Leech

P.O.Box 1499

Hobbs, New Mexico 88240

Company : Texaco, Inc.
Date : 08-05-1993
Location: J.M. GATES - NCT-1 (on 8-4-1993)

Sample 1

Specific Gravity:	1.004
Total Dissolved Solids:	4901
pH:	5.20
IONIC STRENGTH:	0.098

[illegible]

CATIONS:		me/liter	mg/liter
Calcium	(Ca+2)	10.0	200
Magnesium	(Mg+2)	12.0	146
Sodium	(Na+1)	64.2	1480
Dissolved Iron	(Fe+2)	17.9	500

ANIONS:			
Bicarbonate	(HCO3-1)	0.200	12.2
Carbonate	(CO3-2)	0	0
Hydroxide	(OH-1)	0	0
Sulfate	(SO4-2)	1.39	66.7
Chloride	(Cl-1)	84.6	3000

[illegible]

SCALING INDEX (positive value indicates scale)

Temperature		Calcium Carbonate	Calcium Sulfate
86[F	30[C	-3.3	-23
110[F	43[C	-2.5	-23
130[F	54[C	-2.2	-23
140[F	60[C	-2.0	-23
160[F	71[C	-1.6	-15

Comments:

cc: Bill Polk

Joe Hay

Analysis performed by Bob Wallace - Hobbs Laboratory

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