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Unichem International

707 North Leech

P.O.Box 1499

Hobbs, New Mexico 88240

Company : Fina Oil & Gas

Date : 12/1/1993

Location: Gingsburg - Well #6 (on 11/30/1993)

	Sample 1
Specific Gravity:	1.064
Total Dissolved Solids:	89973
pH:	6.50
IONIC STRENGTH:	1.896

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CATIONS:		me/liter	mg/liter
Calcium	(Ca+2)	232	4640
Magnesium	(Mg+2)	288	3500
Sodium	(Na+1)	1050	24100
Dissolved Iron	(Fe+2)	0.004	0.100

ANIONS:			
Bicarbonate	(HCO3-1)	20.0	1220
Carbonate	(CO3-2)	0	0
Hydroxide	(OH-1)	0	0
Sulfate	(SO4-2)	136	6550
Chloride	(Cl-1)	1410	50000

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SCALING INDEX (positive value indicates scale)

Temperature		Calcium Carbonate	Calcium Sulfate
86[F	30[C	0.57	69
110[F	43[C	1.3	69
130[F	54[C	1.6	69
140[F	60[C	1.8	69
160[F	71[C	2.2	73

Comments:

Analysis performed by Bob Wallace - Hobbs Lab

cc: John Offutt

Joe Hay

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