

UNICHEM

A Division of BJ Services Company

Unichem International

707 North Leech

P.O.Box 1499

Hobbs, New Mexico 88240

Company : Chevron USA

Date : 12-11-1996

Location: Meyer Bell Ransey - Well #6 (on 12-11-96)

Sample 1

1.005

6444

7.10

0.124

Specific Gravity:

Total Dissolved Solids:

pH:

IONIC STRENGTH:

=====

		me/liter	mg/liter
CATIONS:			
Calcium	(Ca+2)	8.00	160
Magnesium	(Mg+2)	20.8	253
Sodium	(Na+1)	80.9	1860
ANIONS:			
Bicarbonate	(HCO3-1)	11.0	671
Carbonate	(CO3-2)	0	0
Hydroxide	(OH-1)	0	0
Sulfate	(SO4-2)	0	0
Chloride	(Cl-1)	98.7	3500

=====

SCALING INDEX (positive value indicates scale)

		Calcium Carbonate	Calcium Sulfate
Temperature			
86[F	30[C	0.21	-29
104[F	40[C	0.85	-29
122[F	50[C	1.1	-29
140[F	60[C	1.5	-29
168[F	76[C	2.0	-16
176[F	80[C	2.2	-16

Comments:

cc: John Offutt

Joe Hay

I