



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 #5 (on 12-11-96)

Sample 1

Specific Gravity: 1.208
Total Dissolved Solids: 291878
pH: 6.65
TONIC STRENGTH: 5.889

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CATIONS:		me/liter	mg/liter
Calcium	(Ca+2)	484	9680
Magnesium	(Mg+2)	912	11100
Sodium	(Na+1)	3790	87100

ANIONS:			
Bicarbonate	(HCO3-1)	3.40	207
Carbonate	(CO3-2)	0	0
Hydroxide	(OH-1)	0	0
Sulfate	(SO4-2)	17.7	850
chloride	(Cl-1)	5160	183000

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SCALING INDEX (positive value indicates scale)

Temperature		Calcium Carbonate	Calcium Sulfate
86[F	30[C	3.1	2.0
104[F	40[C	3.8	-0.32
122[F	50[C	4.1	-0.32
140[F	60[C	4.4	-0.32
168[F	76[C	5.0	4.1
176[F	80[C	5.1	4.1

Comments:
cc: John Offutt
Joe Hay

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