

Unichem International

707 North Leech

P.O.Box 1499

Hobbs, New Mexico 88240

Company : ANADARKO
Date : 11-14-1990
Location: QUERECHO PLAINS #1 (on 10-30-1990)

Sample 1

Specific Gravity: 1.040
Total Dissolved Solids: 55673
pH: 5.70
Resistivity: 0.180 ohms @ 76°F
IONIC STRENGTH: 1.165

<u>CATIONS:</u>		<u>me/liter</u>	<u>mg/liter</u>
Calcium	(Ca ⁺²)	240	4800
Magnesium	(Mg ⁺²)	100	1220
Sodium	(Na ⁺¹)	634	14600
Iron (total)	(Fe ⁺²)	1.87	52.1
Barium	(Ba ⁺²)	0.020	1.40
Manganese	(Mn ⁺²)	0.046	1.25
<u>ANIONS:</u>			
Bicarbonate	(HCO ₃ ⁻¹)	1.40	85.4
Carbonate	(CO ₃ ⁻²)	0	0
Hydroxide	(OH ⁻¹)	0	0
Sulfate	(SO ₄ ⁻²)	41.6	2000
Chloride	(Cl ⁻¹)	931	33000

SCALING INDEX (positive value indicates scale)

<u>Temperature</u>		<u>Calcium</u>	<u>Calcium</u>
86°F	30°C	<u>Carbonate</u>	<u>Sulfate</u>
		-1.5	6.9

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