



Water Analysis Report

Analysis Number : 000003415

Company.....:	Heyco	Date of Sampling.....:	02/03/95
Location.....:	Roswell, New Mexico	Date of Analysis.....:	02/03/95
Field.....:		Baker Representative.:	Steven Stroud
Lease.....:	Young Deep	Well#.....:	3-4, 3-3, 3-2, 3-5
Sample Source.....:	Wellhead	Analysis by.....:	Williams

DISSOLVED SOLIDS

CATIONS:

	mg/l	me/l
Ca++	8000.00	400.00
Mg++	2928.00	240.00
Fe+++	50.03	2.69
Ba++	0.00	0.00
Na+	49613.76	2157.12
Mn++	0.00	0.00

ANIONS:

Cl-	97999.88	2760.56
SO4--	1500.00	31.25
HCO3-	488.00	8.00
CO3--	0.00	0.00
OH-	0.00	0.00
S-	0.00	0.00

TOTAL HARDNESS.....: 640.00

TOTAL SOLIDS (quantitative).....: 160579.70

RESIDUAL HYDROCARBONS(ppm).....: 0.00

ø = not determined

DISSOLVED GASES

Hydrogen Sulfide, H2S.....:	0.0
Carbon Dioxide, CO2.....:	79.2
Oxygen, O2.....:	0.0

PHYSICAL PROPERTIES

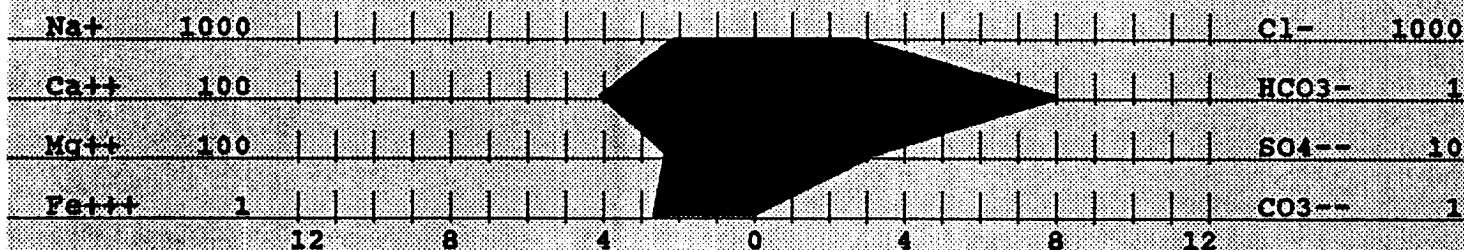
pH.....:	5.8
Specific Gravity.....:	1.100
TDS (calculated) ppm.....:	160579.7
TIS (calculated):	3.1

SCALE STABILITIES

Temp.	°C	°F	CaCO3	CaSO4	BaSO4
	20	68	0.02	2492	1
	30	86	0.24	2680	1
	40	104	0.49	3160	1
Max entity, (calculated):				2233	0

WATER ANALYSIS PATTERN

(number beside ion symbol indicates me/l scale unit)



NOTES: