



Water Analysis Report

Analysis Number : 000003501

Company.....:	Heyco	Date of Sampling.....:	02/13/95
Location.....:	Roswell, New Mexico	Date of Analysis.....:	02/06/95
Field.....:		Baker Representative..:	Steven Stroud
Lease.....:	Caviness	Well#.....:	11-1
Sample Source....:	Wellhead	Analysis by.....:	Rinehart

DISSOLVED SOLIDS

CATIONS:	mg/l	me/l
Ca++	8000.00	400.00
Mg++	1220.00	100.00
Fe+++	30.00	1.61
Ba++	0.00	0.00
Na+	73582.52	3199.24
Mn++	0.00	0.00

ANIONS:	mg/l	me/l
Cl-	130000.00	3661.97
SO4--	1530.00	31.88
HCO3-	427.00	7.00
CO3--	0.00	0.00
OH-	0.00	0.00
S-	0.00	0.00

TOTAL HARDNESS.....: 500.00
TOTAL SOLIDS (quantitative).....: 214789.50
RESIDUAL HYDROCARBONS(ppm).....: 0.00

Ø = not determined

DISSOLVED GASES

Hydrogen Sulfide, H2S.....:	0.0
Carbon Dioxide, CO2.....:	122.8
Oxygen, O2.....:	0.0

PHYSICAL PROPERTIES

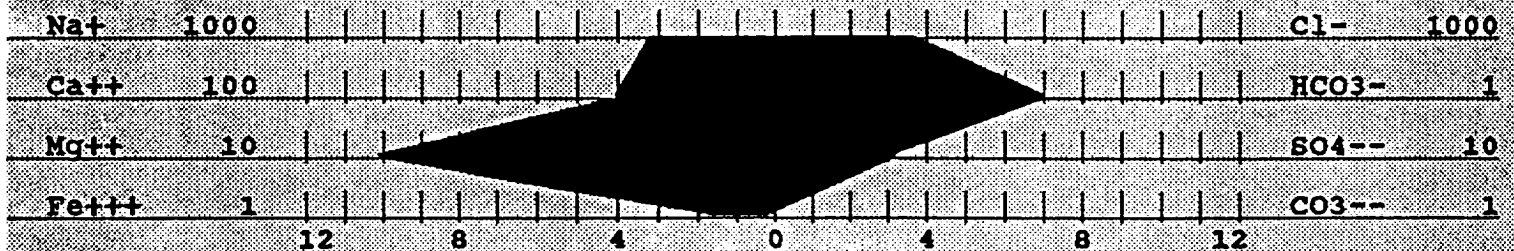
pH.....:	6.3
Specific Gravity.....:	1.115
TDS (calculated) ppm.....:	214789.5
TIS (calculated):	4.0

SCALE STABILITIES

Temp.	°C	°F	CaCO3	CaSO4	BaSO4
	20	68	-2.25	2324	1
	30	86	-2.32	2544	1
	40	104	-2.20	3159	1
Max entity, (calculated):			2318	0	

WATER ANALYSIS PATTERN

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



NOTES: