



Water Analysis Report

Analysis Number : 000003498

Company.....: **Heyco** Date of Sampling.....: **02/13/95**
Location.....: **Roswell, New Mexico** Date of Analysis.....: **02/06/95**
Field.....: Baker Representative.: **Steven Stroud**
Lease.....: **Young Deep** Well#.....: **# 20**
Sample Source....: **Wellhead** Analysis by.....: **Rinehart**

DISSOLVED SOLIDS

CATIONS:

	mg/l	me/l
Ca++	5920.00	296.00
Mg++	5831.60	478.00
Fe+++	75.00	4.03
Ba++	0.00	0.00
Na+	77315.19	3361.53
Mn++	0.00	0.00

ANIONS:

Cl-	146000.00	4112.68
SO4--	810.00	16.88
HCO3-	610.00	10.00
CO3--	0.00	0.00
OH-	0.00	0.00
S-	0.00	0.00

TOTAL HARDNESS.....: 774.00

TOTAL SOLIDS (quantitative).....: 236561.80

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

Ø = not determined

DISSOLVED GASES

Hydrogen Sulfide, H2S.....:	0.0
Carbon Dioxide, CO2.....:	83.2
Oxygen, O2.....:	0.0

PHYSICAL PROPERTIES

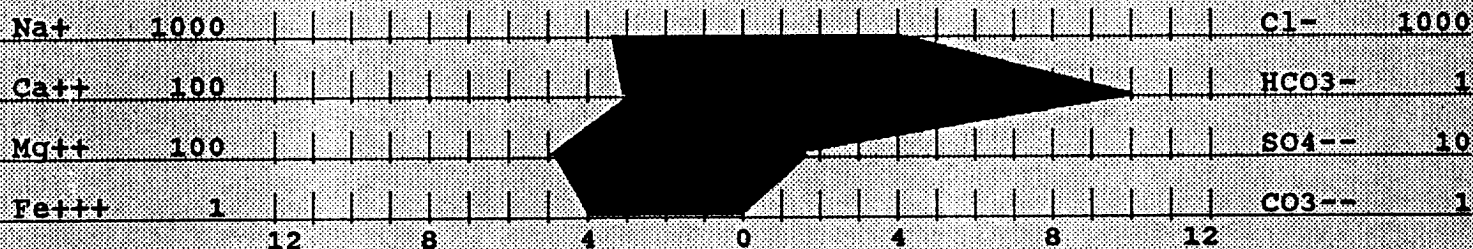
pH.....:	5.6
Specific Gravity.....:	1.140
TDS (calculated) ppm.....:	236561.8
TIS (calculated)	4.5

SCALE STABILITIES

Temp.	°C	°F	CaCO3	CaSO4	BaSO4
	20	68	-28.8	2748	2
	30	86	-30.6	3044	2
	40	104	-31.7	3861	2
Max entity, (calculated):				1236	0

WATER ANALYSIS PATTERN

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



NOTES: