

PANTLCHS LABORATORIES

☐ P. O. BOX 2439 TEL. 806 669-6821 PAMPA, TEXAS 79066-2439
☐ P. O. BOX 3246 TEL. 806 797-4325 LUBBOCK, TEXAS 79452-3246

F

WATER ANALYSIS

SAMPLING DATA

Lab #.....0584
 Customer.....VERMEJO MINERALS CORP.
 Sample ID.....* WELL # F
 Produced Water
 Date sampled.....1-30-90
 Sampling point.....--
 Sample temp (deg. F).....75
 Sampled by.....Vermejo
 Analysis date.....2-5-90

REMARKS:

* Cimarron, New Mexico Area

 Color:
 Light Gray W/Suspended Solids

ANALYTICAL DATA

pH.....8.64
 Specific gravity @ 75 deg. F.....1.0031
 Resistivity (ohm-m).....1.62
 Filterable solids (mg/l).....214.8
 Carbon dioxide (CO2) mg/l.....NA
 Sulfide (as H2S) mg/l.....NA
 Total hardness (as CaCO3) mg/l.....NA

DISSOLVED SOLIDS

Cations	meq/l	mg/l	ppm
Sodium (Na)	65.4	1504	1499
Calcium (Ca)	.4	8	8
Magnesium (Mg)	1.1	13	13
Iron (Fe), total	0	0	0
Potassium (K)	NA	NA	NA
Barium (Ba)	NA	NA	NA

Anions

	meq/l	mg/l	ppm
Chloride (Cl)	52.3	1854	1848
Sulfate (SO4)	0	0	0
Carbonate (CO3)	2.6	78	78
Bicarbonate (HCO3)	12	732	730
Hydroxide (OH)	0	0	0
Total dissolved solids (calculated)	133.8	4189	4176

DISTRIBUTION

3-Vermejo Minerals Corporation
 Rte 1 Box 68
 Cimarron, New Mexico 87714

 Mr Larry Williamson

Analysis By ___Steve Hopkins_____

Water Patterns (meq/l)
Logarithmic

