

PANTECHS 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

WATER ANALYSIS

SAMPLING DATA

Lab #.....0955
 Customer.....VERMEJO MINERALS CORP.
 Sample ID.....* Well # "G"
 Produced Water
 Date sampled.....7-6-90
 Sampling point.....
 Sample temp (deg. F).....75
 Sampled by.....Vermejo
 Analysis date.....7-16-90

REMARKS:

* Cimarron, New Mexico Area

Color:
 Dark Gray; Suspended Solids

DISTRIBUTION

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

ANALYTICAL DATA

pH.....7.48
 Specific gravity @ 75 deg. F.....1.0011
 Resistivity (ohm-cm).....2.91
 Filterable solids (mg/l).....238.4
 Carbon dioxide (CO₂) mg/l.....NA
 Sulfide (as H₂S) mg/l.....NA
 Total hardness (as CaCO₃) mg/l.....NA

DISSOLVED SOLIDS

Cations	mg/l	mg/l	ppm
Sodium (Na)	42.8	984	983
Calcium (Ca)	.2	4	4
Magnesium (Mg)	.1	1	1
Iron (Fe), total	0	0	0
Potassium (K)	NA	NA	NA
Barium (Ba)	NA	NA	NA

Anions

Chloride (Cl)	30.1	1067	1066
Sulfate (SO ₄)	0	0	0
Carbonate (CO ₃)	0	0	0
Bicarbonate (HCO ₃)	13.1	799	798
Hydroxide (OH)	0	0	0
Total dissolved solids (calculated)	86.3	2855	2852

Analysis By: Steve Hopkins

Water Patterns (mg/l)
Logarithmic

