

PANTOCHS 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 #.....0690
 Customer.....VERMEJO MINERALS CORP.
 Sample ID.....* Well # F
 Produced Water
 Date sampled.....3-1-90
 Sampling point.....
 Sample temp (deg. F).....75
 Sampled by.....Vermejo
 Analysis date.....3-7-90

REMARKS:

* Cimarron, New Mexico Area

Color:
 Gray; cloudy; suspended Solids

ANALYTICAL DATA

pH.....8.62
 Specific gravity @ 75 deg. F.....1.0009
 Resistivity (ohm-m).....1.92
 Filterable solids (mg/l).....38.4
 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)	50.3	1156	1155
Calcium (Ca)	.7	14	14
Magnesium (Mg)	1.4	17	17
Iron (Fe), total	0	0	0
Potassium (K)	NA	NA	NA
Barium (Ba)	NA	NA	NA

Anions

Chloride (Cl)	38.6	1368	1367
Sulfate (SO ₄)	0	0	0
Carbonate (CO ₃)	.4	12	12
Bicarbonate (HCO ₃)	13.5	824	823
Hydroxide (OH)	0	0	0
Total dissolved solids (calculated)	104.9	3391	3388

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

