

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

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SAMPLING DATA

Lab #.....0536
 Customer.....VERMEJO MINERALS CORP
 Sample ID.....* Well # T
 Produced Water
 Date sampled.....1-5-90
 Sampling point.....--
 Sample temp (deg. F).....75
 Sampled by.....Vermejo
 Analysis date.....1-15-90

ANALYTICAL DATA

pH.....6.26
 Specific gravity @ 75 deg. F.....1.0111
 Resistivity (ohm-cm)......551
 Filterable solids (mg/l).....587.6
 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)	223.3	5134	5078
Calcium (Ca)	32.5	651	644
Magnesium (Mg)	9.9	120	119
Iron (Fe), total	1.4	39	39
Potassium (K)	NA	NA	NA
Barium (Ba)	NA	NA	NA

Anions

Chloride (Cl)	259.4	9196	9095
Sulfate (SO ₄)	0	0	0
Carbonate (CO ₃)	0	0	0
Bicarbonate (HCO ₃)	7.6	464	459
Hydroxide (OH)	0	0	0

Total dissolved solids (calculated)	534.1	15604	15434
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REMARKS:

* Cimarron, New Mexico Area

Color -
 Orange W/Suspended Solids

DISTRIBUTION

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

Analysis By ___Jerry Kelly_____

Water Patterns (meq/l)
Logarithmic

