

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

WATER ANALYSIS

SAMPLING DATA

Lab #.....0588
 Customer.....VERMEJO MINERALS CORP.
 Sample ID.....* Well # U
 Produced Water
 Date sampled.....1-25-90
 Sampling point.....--
 Sample temp (deg. F).....75
 Sampled by.....Vermejo
 Analysis date.....2-5-90

REMARKS:

* Cimarron, New Mexico Area

Color:
 Straw W/Suspended Solids

DISTRIBUTION

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

ANALYTICAL DATA

pH.....6.72
 Specific gravity @ 75 deg. F.....1.0145
 Resistivity (ohm-m)......361
 Filterable solids (mg/l).....386.4
 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)	257	5908	5824
Calcium (Ca)	42.6	854	842
Magnesium (Mg)	17.8	216	213
Iron (Fe), total	4.7	131	129
Potassium (K)	NA	NA	NA
Barium (Ba)	NA	NA	NA

Anions

	meq/l	mg/l	ppm
Chloride (Cl)	310.7	11014	10857
Sulfate (SO ₄)	.2	10	10
Carbonate (CO ₃)	0	0	0
Bicarbonate (HCO ₃)	11.2	683	673
Hydroxide (OH)	0	0	0
Total dissolved solids (calculated)	644.2	18816	18548

Analysis By ____Steve Hopkins____

Water Patterns (meq/l)
Logarithmic

