

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 #.....0531
 Customer.....VERMEJO MINERALS CORP
 Sample ID.....* Well # U
 Produced Water
 Date sampled.....1-5-90
 Sampling point.....--
 Sample temp (deg. F).....75
 Sampled by.....Vermejo
 Analysis date.....1-15-90

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

ANALYTICAL DATA

pH.....6.52
 Specific gravity @ 75 deg. F.....1.0101
 Resistivity (ohm-m)......458
 Filterable solids (mg/l).....428.8
 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)	196.3	4513	4468
Calcium (Ca)	30.1	603	597
Magnesium (Mg)	4.7	57	56
Iron (Fe), total	0	0	0
Potassium (K)	NA	NA	NA
Barium (Ba)	NA	NA	NA
Anions			
Chloride (Cl)	224.4	7955	7875
Sulfate (SO ₄)	0	0	0
Carbonate (CO ₃)	0	0	0
Bicarbonate (HCO ₃)	6.7	409	405
Hydroxide (OH)	0	0	0
Total dissolved solids (calculated)	462.2	13537	13401

Analysis By ____Jerry Kelly_____

Water Patterns (meq/l)
Logarithmic

