

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

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WATER ANALYSIS

SAMPLING DATA

Lab #.....0687
 Customer.....VERMEJO MINERALS CORP.
 Sample ID.....* Well # 1
 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:
 Yellow; cloudy; suspended solids

DISTRIBUTION

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

ANALYTICAL DATA

pH.....8.14
 Specific gravity @ 75 deg. F.....1.0005
 Resistivity (ohm-m).....1.98
 Filterable solids (mg/l).....10.8
 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)	53.7	1235	1234
Calcium (Ca)	.9	18	18
Magnesium (Mg)	.7	9	9
Iron (Fe), total	0	0	0
Potassium (K)	NA	NA	NA
Barium (Ba)	NA	NA	NA

Anions

Anions	meq/l	mg/l	ppm
Chloride (Cl)	32	1134	1133
Sulfate (SO ₄)	0	0	0
Carbonate (CO ₃)	0	0	0
Bicarbonate (HCO ₃)	23.3	1421	1420
Hydroxide (OH)	0	0	0

Total dissolved solids (calculated)	meq/l	mg/l	ppm
	110.6	3817	3814

Analysis By: Steve Hopkins

Water Patterns (meq/l)
Logarithmic

