

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

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WATER ANALYSIS

SAMPLING DATA

Lab #.....0688
 Customer.....VERMEJO MINERALS CORP.
 Sample ID.....* Well #6
 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.....7.28
 Specific gravity @ 75 deg. F.....1.0041
 Resistivity (ohm-m)......75
 Filterable solids (mg/l).....128.8
 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)	128.3	2950	2938
Calcium (Ca)	4.5	90	90
Magnesium (Mg)	2.7	33	33
Iron (Fe), total	.2	6	6
Potassium (K)	NA	NA	NA
Barium (Ba)	NA	NA	NA

Anions

Chloride (Cl)	126	4467	4449
Sulfate (SO ₄)	0	0	0
Carbonate (CO ₃)	0	0	0
Bicarbonate (HCO ₃)	9.7	592	590
Hydroxide (OH)	0	0	0
Total dissolved solids (calculated)	271.4	8138	8106

Analysis By: _____Steve Hopkins_____

Water Patterns (meq/l)
Logarithmic

