

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

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WATER ANALYSIS

SAMPLING DATA

Lab #.....0533
 Customer.....VERMEJO MINERALS CORP
 Sample ID.....* Well # P
 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.....6.16
 Specific gravity @ 75 deg. F.....1.0101
 Resistivity (ohm-m)......369
 Filterable solids (mg/l).....410
 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)	262.7	6039	5979
Calcium (Ca)	23	461	456
Magnesium (Mg)	4.2	51	50
Iron (Fe), total	.1	3	3
Potassium (K)	NA	NA	NA
Barium (Ba)	NA	NA	NA

Anions

	meq/l	mg/l	ppm
Chloride (Cl)	287.6	10195	10093
Sulfate (SO4)	0	0	0
Carbonate (CO3)	0	0	0
Bicarbonate (HCO3)	2.2	134	133
Hydroxide (OH)	0	0	0
Total dissolved solids (calculated)	579.8	16883	16714

Analysis By ____Jerry Kelly____

Water Patterns (meq/l)
 Logarithmic

