

7-29N-19E

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 #.....0585
 Customer.....VERMEJO MINERALS CORP.
 Sample ID.....* Well # V
 Produced Water
 Date sampled.....1-30-90
 Sampling point.....--
 Sample temp (deg. F).....75
 Sampled by.....Vermejo
 Analysis date.....2-5-90

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.....7.25
 Specific gravity @ 75 deg. F.....1.0121
 Resistivity (ohm-m)......392
 Filterable solids (mg/l).....764.8
 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)	246	5656	5588
Calcium (Ca)	15.2	305	301
Magnesium (Mg)	10.2	124	123
Iron (Fe), total	.3	8	8
Potassium (K)	NA	NA	NA
Barium (Ba)	NA	NA	NA

Anions

Chloride (Cl)	260.9	9249	9138
Sulfate (SO4)	0	0	0
Carbonate (CO3)	0	0	0
Bicarbonate (HCO3)	10.9	665	657
Hydroxide (OH)	0	0	0
Total dissolved solids (calculated)	543.5	16007	15815

Analysis By ___Steve Hopkins_____

Water Patterns (meq/l)
 Logarithmic

