

PANTCHS LABORATORIES

R

☐ P. O. BOX 2439 TEL. 806 669-6821 PAMPA, TEXAS 79066-2439
☐ P. O. BOX 3246 TEL. 806 797-4325 LUBBOCK, TEXAS 79452-3246
 *NEW ZONE

WATER ANALYSIS

2-31N-17E

SAMPLING DATA

Lab #.....1296
 Customer.....VERMEJO MINERALS CORP
 Sample ID.....WELL # R
 Produced Water
 Date sampled.....5-2-91
 Sampling point.....--
 Sample temp (deg. F).....75
 Sampled by.....Vermejo
 Analysis date.....5-10-91

REMARKS:

CLEAR-VISIBLE SUSPENDED SOLIDS
 NO ODOR

DISTRIBUTION

3-VERMEJO MINERALS CORPORATION
 ROUTE 1 BOX 68
 CIMARRON, NEW MEXICO 87114
 MR LARRY WILLIAMSON

ANALYTICAL DATA

pH.....8.57
 Specific gravity @ 75 deg. F......9993
 Resistivity (ohm-m).....7.11
 Filterable solids (mg/l).....83.6
 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)	15.2	349	349
Calcium (Ca)	.1	2	2
Magnesium (Mg)	0	0	0
Iron (Fe), total	.1	3	3
Potassium (K)	NA	NA	NA
Barium (Ba)	NA	NA	NA

Anions

Chloride (Cl)	4.6	163	163
Sulfate (SO ₄)	0	0	0
Carbonate (CO ₃)	.8	24	24
Bicarbonate (HCO ₃)	10	610	610
Hydroxide (OH)	0	0	0
Total dissolved solids (calculated)	30.8	1151	1151

Analysis By ___Steven Hopkins_____

*New Zone

Water Patterns (meq/l)
Logarithmic

