

PANTLCHS LABORATORIES

Q

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

31-31N-18E

WATER ANALYSIS

SAMPLING DATA

Lab #.....1079
 Customer.....VERMEJO MINERALS CORP
 Sample ID.....Well #Q
 Date sampled.....10-13-90
 Sampling point.....--
 Sample temp (deg. F).....75
 Sampled by.....Vermejo Minerals
 Analysis date.....10-23-90

REMARKS:

Heavy oil residue

DISTRIBUTION

3-Vermejo Minerals Corporation
 Rt 1, Box 68
 Cimarron, New Mexico 87114
 Mr. Larry Williamson

ANALYTICAL DATA

pH.....7.91
 Specific gravity @ 75 deg. F.....1.01
 Resistivity (ohm-m)......59
 Filterable solids (mg/l).....304
 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)	139.8	3214	3182
Calcium (Ca)	19.9	399	395
Magnesium (Mg)	8.1	98	97
Iron (Fe), total	.1	3	3
Potassium (K)	NA	NA	NA
Barium (Ba)	NA	NA	NA

Anions

Anions	meq/l	mg/l	ppm
Chloride (Cl)	161	5707	5650
Sulfate (SO ₄)	0	0	0
Carbonate (CO ₃)	0	0	0
Bicarbonate (HCO ₃)	6.8	415	411
Hydroxide (OH)	0	0	0

Total dissolved solids (calculated)	335.7	9836	9738
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Analysis by: Kurtus Garrison

Water Patterns (meq/l)
 Logarithmic

