

MARTIN WATER LABORATORIES, INC.

P.O. Box 1468 Phone 949-8284 or 663-1040
Monahans, Texas 79786

RESULT OF WATER ANALYSES

709 W. Indiana Phone 683-4821
Midland, Texas 79701

TO: Mr. Greg Colburn
400 N. Illinois, Suite 1000
Midland, TX 79701

LABORATORY NO. 294216
SAMPLE RECEIVED 2-16-94
RESULTS REPORTED 3-11-94

API WATER ANALYSIS REPORT FORM

Company Mitchell Energy Corporation		Sample No.	Date Sampled	
Field	Legal Description Sec. 9, Surv. T-20S&R-33E	County or Parish Lee	State NM	
Lease or Unit Anasazi "9" Federal #1 Unit "G"	Well	Depth	Formation Morrow	Water, B/D
Type of Water (Produced, Supply, etc.) Produced	Sampling Point			Sampled By

DISSOLVED SOLIDS

CATIONS	mg/l	me/l
Sodium, Na (calc.)	11,716	509.4
Calcium, Ca	1,680	84.0
Magnesium, Mg	316	26.0
Barium, Ba	0	0.0

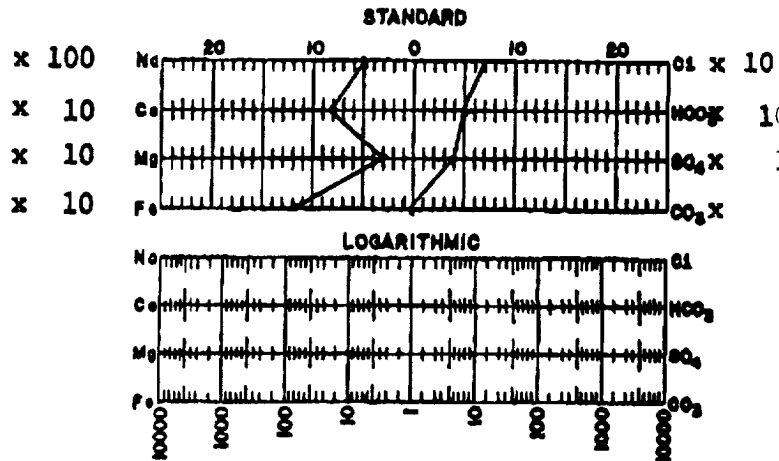
OTHER PROPERTIES

pH	5.71
Specific Gravity, 60/60 F.	1.0308
Resistivity (ohm-meters) 77°F.	0.225
Total Hardness, as CaCO ₃	5,500

ANIONS

Chloride, Cl	20,063	565.8
Sulfate, SO ₄	197	4.1
Carbonate, CO ₃	0	0.0
Bicarbonate, HCO ₃	3,020	49.5

WATER PATTERNS — me/l



Total Dissolved Solids (calc.)	36,992	
Iron, Fe (total)	2,880	115.2
Sulfide, as H ₂ S	0.0	

REMARKS & RECOMMENDATIONS: The above results reveal ratios and levels of salts that correlate well with what would be expected from natural Morrow. We do note this water has an abnormally high iron and bicarbonate content, but the results still indicate this to be natural Morrow.

Waylan C. Martin
Waylan C. Martin, M.A.

RECEIVED

JUN 21 2004

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