

WATER ANALYSIS REPORT

Company : CARL JOHNSON
 Address :
 Lease : SEC 10 T10 R32
 Well : UNIT K
 Sample Pt. : WINDMILL

Date : 12/18/92
 Date Sampled : 12/14/92
 Analysis No. : 1069

ANALYSIS	mg/L	* meq/L
1. pH	6.8	
2. H2S	NR	
3. Specific Gravity	1.000	
4. Total Dissolved Solids	758.0	
5. Suspended Solids	NR	
6. Dissolved Oxygen	NR	
7. Dissolved CO2	NR	
8. Oil In Water	NR	
9. Phenolphthalein Alkalinity (CaCO3)		
10. Methyl Orange Alkalinity (CaCO3)	149.0	
11. Bicarbonate	181.8	HCO3 3.0
12. Chloride	188.2	Cl 5.3
13. Sulfate	200.0	SO4 4.2
14. Calcium	139.1	Ca 6.9
15. Magnesium	92.6	Mg 7.6
16. Sodium (calculated)	-48.4	Na -2.1
17. Iron	4.7	
18. Barium	NR	
19. Strontium	NR	
20. Total Hardness (CaCO3)	728.7	

PROBABLE MINERAL COMPOSITION

*milli equivalents per Liter	Compound	Equiv wt	X meq/L	= mg/L
7 *Ca <----- *HCO3	Ca(HCO3)2	81.0	3.0	241
----- /----->	CaSO4	68.1	4.0	270
8 *Mg -----> *SO4	CaCl2	55.5		
----- <----- /	Mg(HCO3)2	73.2		
-2 *Na -----> *Cl	MgSO4	60.2	0.2	12
	MgCl2	47.6	5.3	253
	NaHCO3	84.0		
	Na2SO4	71.0		
	NaCl	58.4		

Saturation Values Dist. Water 20 C

CaCO3	13 mg/L
CaSO4 * 2H2O	2090 mg/L
BaSO4	2.4 mg/L

REMARKS:

EDDIE SEAY

Respectfully submitted,
 ROZANNE JOHNSON

RECEIVED

JUL 14 1993

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