

Well # 10, Airbase, 516 feet - closed well to City of Deming #1

DATE			4-28-76	4-10-79
			3-30-72	
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Sodium (as Na) mg/l	200		47.2	48.3
Potassium (as K) mg/l	1000 → 2000		2.34	2.34
Calcium (as Ca) mg/l	75 → 200		19.8	21.2
Magnesium (as Mg) mg/l	1.25		3.1	2.9
Iron - Total (as Fe) mg/l	0.3		0.25	0.25
Manganese (as Mn) mg/l	0.05		0.05	0.05
Chloride (as Cl) mg/l	250		6.9	7.2
Fluoride (as F) mg/l	1.4 1.6 1.8		0.73	0.74
Nitrate (as NO ₃) mg/l	(N-10) 45.0		2.38	N 0.55
Bicarbonate (as HCO ₃) mg/l	700		170.0	180.3
Carbonate (as CO ₃) mg/l	350.0		0	0
Sulfate (as SO ₄) mg/l	250		13.0	15.9
Phosphate (as PO ₄) mg/l				
Total Hardness (as CaCO ₃) mg/l	250		62	65
Alkalinity (as CaCO ₃) mg/l	30 → 5000		139	148
Total Diss. Residue mg/l	500		175	215
Carbon chloroform extract	0.2			
Field Water temperature				
Surfactants (as LAS)	0.5		0.05	0.05
pH	6.85		8.17	
Odor	3 units		0	
Chlorine demand mg/l				
Color	15 units		0	0
Turbidity	1-5 TU		0.2	0.6
Conductance Micromhos 250C	1000		341	336
Arsenic (as As) mg/l	0.05	0.015	0.01	0.006
Barium (as Ba) mg/l	1.0		<0.05	0.10
Boron	1.0	0.04		
Cadmium (as Cd) mg/l	0.01	<0.01	<0.005	<0.001
Chromium (as Cr) mg/l	0.05	<0.01	0.016	.042
Copper	3.0	0.03	0.03	
Cyanide	0.01			
Lead (as Pb) mg/l	0.05	<0.05	<0.01	<0.005
Mercury	0.002		<0.005	<0.0005
Molybdenum	0.01			
Nickel	0.05	<0.10		
Silver (as Ag) mg/l	0.05			<0.001
Selenium (As Se) mg/l	0.01	0.002	<0.01	<0.005
Zinc (as Zn) mg/l	5.0	0.02	0.03	
Radium 226				
Strontium 90				
Gross beta				
Beryllium		<0.002		