Table 2.--Chemical analyses of water from wells in the vicinity of Gran Quivira National Monument, Torrance and Socorro Counties, N. Mex.
(Chemical constituents in parts per million. Dissolved solids is sum of determined constituents)

Analyses by U. S. Geological Survey

Location number	Owner or name	Date collected	Stratigraphic unit	Silica (SiO_2)	Calcium (Ca)	Magnesium (Mg)	Sodium, potassium (Na+K)	Bicarbonate (HCO_3)	Carbonate (CO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Hardness as $CaCO_3$: Calcium, magnesium	Hardness as $CaCO_3$: Noncarbonate	Dissolved solids	Specific conductance (micromhos at 25°C)	pH
1.7.26.332	E. V. Cain	3/12/57	Yeso formation	-	-	-	-	172	0	1,450	3.0	-	-	860	719	-	2,320	7.2
1.7.34.222	-	8/2/50	do	7.8	336	150	12	110	0	1,300	11	0.6	0.2	1,460	1,370	1,890	2,170	-
1.8.33.210	Homer Jackson	6/7/57	do	9.1	157	64	13	13	0	815	21	1.1	0.2	654	644	887 1/	1,160	6.1
1.8.33.401	J. L. Kite	3/13/57	Alluvium	10	57	13	30	220	0	45	4.0	.4	7.2	196	15	283	455	7.8
1.8.33.312	Town of Mountainair	7/27/51	Yeso formation	24	43	13	14	132	0	17	10	.2	3.7	161	-	220	368	-
18.8.1.433	James Wells	8/2/50	do	21	340	171	13	278	0	1,850	34	0.2	3.6	1,550	1,320	1,970	2,270	-
18.8.3.101	National Park Service	3/13/57	do	7.3	504	233	231	66	0	2,490	47	1.9	.3	2,220	2,160	3,550 2/	3,800	7.2
18.8.7.322	State of New Mexico	6/8/57	do	-	403	113	7.6	200	0	1,220	35	0.6	2.0	1,470	1,310	1,880	2,150	7.3
18.8.9.310	Mrs. Minnie Connell	3/13/57	do	-	-	-	-	149	0	301	14	-	-	558	436	-	953	7.5
Do	do	6/8/57	do	18	158	37	8.3	154	0	395	24	1.1	5.6	546	420	713 3/	930	7.5
18.8.11.322	J. L. Kite	3/12/57	do	-	-	-	-	278	0	1,650	3.4	-	-	1,960	1,730	-	2,770	7.6
18.8.21.411	E. V. Cain	8/2/50	do	19	476	138	2.5	157	0	2,400	34	0.8	1.5	1,630	1,500	2,120	2,350	-

1/ Residue on evaporation = 948 ppm.

2/ Residue on evaporation = 3,830 ppm.

3/ Residue on evaporation = 773 ppm.