

Table 5.--Chemical analyses of water from selected wells

Sodium and potassium: Where no value is given for potassium, sodium plus potassium values are reported as sodium.  
 Analysis by: DH, Utah State Department of Health; GS, U.S. Geological Survey; PH, Palmer Hydrology Co.; SO, Shell Oil Co.

Location	Date of collection	Temperature (°C)	Milligrams per litre														Hardness as CaCO <sub>3</sub> (Ca, Mg)	Noncarbonate hardness as CaCO <sub>3</sub>	Dissolved solids		Specific conductance (micromhos/cm at 25°C)	Sodium-adsorption ratio	pH	Analysis by
			Dissolved silica (SiO <sub>2</sub> )	Dissolved iron (Fe)	Dissolved calcium (Ca)	Dissolved magnesium (Mg)	Dissolved sodium (Na)	Dissolved potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Carbonate (CO <sub>3</sub> )	Dissolved sulfate (SO <sub>4</sub> )	Dissolved chloride (Cl)	Dissolved fluoride (F)	Dissolved nitrate (NO <sub>3</sub> )	Dissolved boron (B)	Residue at 180°C			Sum of determined constituents					
(D-40-23)36abb-1	4-29-59	-	11	-	225	136	2,220	-	626	0	2,330	2,120	0.3	18	1.1	102	608	-	7,370 <sup>1</sup>	10,400	29	7.6	GS	
(D-40-24)32ccd-1	7-2-68	-	9.0	0.30	9.0	5.0	220	10	525	2.9	55	30	.76	.10	.30	44	-	610	-	1,025	52	8.0	DH	
32cdd-1	5-27-68	-	8.0	.10	8.0	5.0	216	11	520	5.7	58	25	.70	.00	.27	42	-	586	-	1,095	15	8.3	DH	
(D-41-23)12cbd-1	12-2-56	13.0	-	.00	80	56	2,150	-	649	-	2,560	1,380	-	-	-	-	-	6,872	-	-	45	6.0	SO	
(D-41-25)5adc-1	4-9-58	-	-	-	30	5.8	1,170	-	1,360	0	680	586	-	-	-	99	-	-	3,840	-	51	7.8	PH	
16ccc-1	3-10-55	18.0	10	.01	105	74	2,950	28	683	0	1,650	3,500	.1	2.5	-	568	10	-	8,670 <sup>2</sup>	12,000	53	7.9	GS	
16ccc-2	5-27-70	-	8	.36	6	4	675	6	815	11.3	627	71	3.90	.4	.46	22	-	1,796	-	2,525	52	8.4	DH	
17cbd-1	10-12-64	-	10	-	85	41	2,520	-	548	0	1,360	2,820	.3	.2	-	380	0	-	7,100 <sup>1</sup>	11,100	56	7.9	GS	
17cda-1	10-12-64	-	9.7	-	112	41	2,560	-	596	0	1,280	2,970	.4	.2	-	450	0	-	7,270 <sup>1</sup>	11,500	52	7.8	GS	
27bcd-1	3-3-64	-	-	.01	34	10	272	-	284	2.48	733	104	.88	-	-	125	-	1,504	-	2,050	-	8.2	DH	

<sup>1</sup>Conversion to milligrams per litre by using density of 1.003.

<sup>2</sup>Conversion to milligrams per litre by using density of 1.004.