

Table 6.--Records of selected water wells--Continued

Date measured	Type of lift	Date discharge measured	Discharge (gal/min)	Draw-down (ft)	Use of water	Temperature (°C)	Data available			Remarks
							Chemical analysis	Log	Water levels	
7-15-61	-	-	-	-	S,R	-	-	D	O	Known both as Sinbad well and Georges Draw well. One of eight wells reportedly drilled by Standard Oil Co. of California for supply of drilling and domestic water. Drilled to 217 feet. Depth and water level shown measured by R. F. Hadley in 1961. Specific conductance more than 8,000 $\mu\text{mho/cm}$. Water has odor of hydrogen sulfide.
-	-	-	20R	-	U	-	-	-	-	Converted from petroleum-test well by plugging from 195 to 315 feet. Reported freshwater zone 184-188 feet. Casing sealed and left with a standard marker.
-	-	-	-	-	-	-	-	-	-	Converted from petroleum-test well by plugging back to 1,400 feet. Open hole exposes section from Entrada Sandstone to middle part of Wingate Sandstone. Water in Navajo and Wingate Sandstones reported to be fresh. Well assigned to U.S. Bureau of Land Management.
10-18-74	-	10-18-74	30B	5	S	-	-	-	-	Casing perforated with Mills knife at 50-60 and 120-134 feet, open hole below 134 feet. Most water probably comes from shallowest perforations.
-	S	-	-	-	U	16.5	B	-	-	Formerly domestic supply. Unused and no power in 1977. Now in right-of-way of State Highway 24.
-	-	3-25-53	11V	-	S	14.5	B	D	-	Known as Gilson Butte well. Drilled to supply petroleum-test well and then assigned to U.S. Government.
9- 3-35	P	10- 1-35	8R	-	S	-	-	D	O	UERA well 93. Known as Saucer Basin well. Water level may be in error. Water reported at 170 feet, cased off(?). Water reported as "good."
6-29-56	-	6-29-56	30B	50	S	-	B	-	-	Known as Moonshine well. Drilled to supply petroleum-test well and then turned over to State
6-25-69	P	6-25-69	11B	40	S	18.0	C	D	O	Known as Last Chance well. Machine-cut perforations 717-767 feet. Well site in midst of a swarm of igneous dikes and on or near a fault. Sampled for isotope analysis.
2-10-50	-	2-10-50	15RF 5EF	-	- S	- 17.0	- B	- -	- -	In grove of saltcedar and spring area north of old Hunt ranch house. Casing is used drill stem.
11- -44	P	-	10R	-	S	17.0	C	-	O	Known as Jeffrey well. Drilled to supply nearby petroleum-test well. Water level, discharge, and pump setting reported by U.S. Bureau of Land Management. Cylinder pump set at 318 feet. Sampled for isotope analysis.
4- 1-77	P	-	-	-	S	17.0	A	-	O	This may be well known as Flat Top well. Well is south of trend of diorite dike (fig. 4), which may affect water levels in area. Specific conductance of water in recently pumped tank of stock water was 3,000 $\mu\text{mho/cm}$ on August 5, 1975.
-	P	3- 1-49	4R	-	U	-	-	-	-	Drilled to supply nearby petroleum-test well. Found filled or plugged to near surface on April 1, 1977.
8-23-76	-	8-13-76	4E	7	U	18.5	B	A,G	I	USGS test hole 1. See composite log (table 10) for measurements of water level, temperature, and specific conductance. Water level progressively deeper as hole deepened in Carmel Formation. Top of Navajo Sandstone was estimated to be 710 feet, based on drilling time. Extreme difficulty encountered in maintaining circulation of drilling fluid. Formation continually caved after passing depth of 500 feet. Briny formation water caused breakdown of fluid. Abandoned September 24, 1976, after plugging with cement at surface.
9- 2-77	-	9- 2-77	6V	-	U	18.5	C	A,G, J	O	USGS test hole 1A. Site picked 50 feet southeast of test well 1 because original hole could not be reentered. Drilled to 950 feet, stopped because of insufficient air pressure to drill further. See composite log (table 10). Top of Navajo Sandstone at 711 feet; set packer on drill stem at 735-738 feet and pumped with air for 3 hours. Brine in Navajo. Water level in Navajo was 279 feet deeper than that in Carmel Formation after 1 hour of recovery. Abandoned September 3, 1976, after plugging with cement at 735 feet and at surface.
7-29-75	-	6-18-46	167V	-	F,H	18.0	B	D	I	First well drilled at navigation-air facility. Used only for fire protection and sanitary purposes. Water stains porcelain with heavy iron deposits. Lowermost section of well may be in Navajo Sandstone. Casing 6-inch 0-393 feet, 4½-inch 360-638 feet, perforated 618-638 feet.