

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	Tem- pera- ture (°C)	Data available		Remarks	
							Chemical analysis	Log	water levels	
8- 1-74	-	-	-	-	H	-	-	D	0	Casing perforated 200-240 feet with 3/8-inch by 5-inch torch-cut slots.
7- 5-74	-	7- 5-74	6B	49	H, S, I	-	-	D	0	Casing perforated 25-50 feet with 1/2-inch by 3-inch torch-cut slots. Well gravelled 0-60 feet. Bailed well dry at 6 gal/min for 2 hours.
9- 7-77	-	-	-	-	U	-	-	-	0	Test well. Never used because water was assumed to be poor quality. Gravel and sand to top of Chinle Formation at about 40 feet.
9-15-77	-	9-14-77	38VF	-	U	14.0	C	A,E, F,G, J,T	I	USGS test hole 4. Completed as observation well. Casing 6-inch surface casing to 37 feet, 1 1/2-inch pipe to 238 feet with Lynes packer set at 238-246 feet. Discharge listed is for unrestricted flow from 1 1/2-inch pipe; hole produced an estimated 200 gal/min by airlift while drilling. Well flows 12 gal/min through 1/2-inch faucet.
-	-	6- 4-51	15B	10	U	-	-	D	-	Driller reported water at 130-180 feet. Could be bailed dry, but well would fill overnight. Yield listed is for zone 200-320 feet. Well now buried under State Highway 95.
4- 3-70	T	6-30-51	15B	12	U	14.0	B	D	I	Drilled to 315 feet in 1951 with 8-inch casing to 12 feet. Zone 195-250 feet yielded only two bailers full after recovery overnight. Deepened to 500 feet in 1970; all reported in sandstone. Casing 6-inch 0-458 feet, perforated with 1/8-inch by 6-inch torch-cut slots. Driller reported water at 300 feet was "gyppy" but improved with depth and quantity increased. Unused turbine pump pulled in September 1976.
-	-	-	-	-	-	-	C	-	-	Test hole for water supply at ore-buying station.
5-10-46	P	1935	2VR	-	U	-	-	D	I	UERA well 99. Water reported by driller as "good." Grazier reported later that water was unfit for stock. Found filled in 1952. Formerly used as observation well.
8-10-76	-	8-10-76	200E	-	U	16.5	C	G	0	USGS test hole 3. No water in Carmel Formation. Yields estimated during air-drilling ranged from an initial 5 gal/min to 200 gal/min at 510 feet. Water level measured after 17 hours of recovery. Sampled from air-drilling discharge after hole completed. Sampled for isotope analysis
-	P	9- -59	125R	-	U	-	-	G	-	Petroleum-test well drilled to 2,649 feet and abandoned because of junk in hole, plugged back and completed as water well. Casing 10 3/4-inch to 1,200 feet, gun-perforated in Wingate Sandstone 1,037-1,039, 1,066-1,078, 1,089-1,096, and 1,194-1,195 feet. Set cylinder pump at about 1,115 feet. Drilling crew drank the water. Well and pump turned over to U.S. Bureau of Land Management on completion of adjacent replacement petroleum-test well.
11- -73	-	11- 5-73	5B	200	H	14.5	C	D	0	Near Hans Flat Ranger Station. Casing 10-inch to 2,015 feet, 8 5/8-inch to 2,750 feet, perforated 2,550-2,750 feet. Small amount of water in Wingate Sandstone. Cutler Formation fractured; lost circulation at 2,740 feet. Water sampled after 8 hours of bailing.
1-12-76	-	1-12-70	35B	20	H,S, I	-	-	D	0	Casing perforated 117-127 feet with Mills knife slots 1/2-inch by 2-inch.
10- 1-77	-	10- 1-77	25R	20	H, I	-	-	D	0	Casing perforated 25-35 feet with 1/8-inch by 8-inch torch-cut slots.
1- 8-73	P	2- -73	40R	-	-	-	-	D	0	Drilled to supply petroleum-test well. Casing perforated 740-860 feet with 1/2-inch by 12-inch slots. Cylinder pump was set at 850 feet. Water reported as "good."
6-29-66	-	-	-	-	U	-	B	-	0	Corehole. Water in White Rim Sandstone Member of Cutler Formation. Sample bailed; water was black with strong odor of hydrogen sulfide.
6-29-66	-	-	-	-	N,S	-	B	-	0	Probably corehole converted to petroleum-test well supply. Casing perforated 716-1,615 feet with slots.
11-12-70	T	7- -70 11-13-70	55B 161P	<1(?) 115	I,H, S	17.5	C	-	0	Petroleum-test well converted to irrigation supply. Existing casing has been plugged at 2,305 feet. Mud bailed from hole and 200 gun-perforations made in zone 580-1,140 feet. Production test for 10 hours in November 1970. Well supplies water through pipeline to field on terrace to north. Sampled for isotope analysis.
-	-	-	-	-	H,S, I	-	C	-	-	No driller's record. Site is on alluvium over Entrada Sandstone. Analysis indicates water similar to that expected from Carmel Formation upstream. Concluded that alluvium is source and contains debris from Carmel Formation.
6-14-49	-	6-14-49	15B	-	-	-	-	D	0	Casing 8-inch 0-59 feet, 6-inch 54(?)-404 feet, perforated 364(?)~404 feet with torch-cut slots.
-	-	4- 7-61	12R	-	S	-	C	-	-	Known as Poison Wash well. Drilled to supply petroleum-test well. Later assigned to U.S. Bureau of Land Management. Incomplete driller's record. Cylinder pump was set at bottom of hole. Pumps into pipeline to troughs in Burr Desert. Water sample from faucet at (D-30-12)34abc on Dell Seeps road.