

Table 7.--Records of selected springs--Continued

Location	Name or owner	Altitude (feet)	Aquifer	Discharge		Water quality				Chemical analysis available	Remarks
				Gallons per minute	Date measured	Temper- ature (°C)	Specific conductance (µmho/cm at 25°C)	Date measured			
(D-31-10)31ada-S1	Willow Spring	8,500	200MNCS	110V	7-30-75	8.0	740	7-30-75	C	Discharge measured at road below spring orifices. Area contains willows in a swale near creek.	
				110V	7-16-76	7.0	680	7-16-76			
				23V	7- 3-77	9.5	660	7- 3-77			
32bcb-S1	East Willow Spring	8,530	200MNCS	5E	7-30-75	7.0	1,050	7-30-75	C	Issues beside creek bottom.	
				<1E	7- 3-77						
(D-31-11)1bdc-S1	Poison Spring	5,230	221MRSN	3E	8- 1-75	24.5	1,025	8- 1-75	C	Discharges from sandstone over shale.	
(D-31-13)9bcd-S1	Hunts Cabin Spring	4,300	231LUNGT	3V	6-20-57	17.5	-	6-20-57	C	Developed for domestic supply at cabin (unused in 1976). Discharges from joints and bedding planes in overhang about 30 feet west of cabin and in north wall of canyon. Overhang is walled in, and water discharges through pipe. Much seepage and vegetation in area.	
				4V	7-26-76	19.0	550	7-26-76			
(D-32-8)21dba-S1	Spring Canyon Spring	5,500	211EMRY	2E	9- 1-76	20.0	2,975	9- 1-76	C	Discharges in stream channel upstream from hogbacks of Emery Sandstone Member of Mancos Shale. Discharge may occur at contact with Masuk Member of Mancos Shale. Site marked by saltcedar and tall grasses.	
(D-32-10)4bcd-S1	South Fork Spring	9,200	120TRTR	<.5E	7-16-76	10.0	410	7-16-76			
				<1E	9-11-76						
8bdc-S1	Igneous Spring	8,160	111CLVM	3V	8-14-75	23.0	440	8-14-75	C	Measured about 0.3 mile below spring. Temperature of water affected by low rate of discharge and distance from orifice.	
						23.0	420	7-15-76			
				<1E	8- 4-77	14.0	460	7- 4-77			
8cdb-S1	Six Gallon Spring	7,880	111CLVM	6V	8-14-75	13.0	1,250	8-14-75	C	Discharges from colluvium over shale.	
18cba-S1	U.S. Bureau of Land Management	6,880	200MNCS	5E	8-14-75	15.5	6,500	8-14-75	C	Discharges from thin bed of sandstone in Mancos Shale.	
(D-33-8)2ccd-S1	Divide Canyon Spring	6,100	211MVRD	10E	8-13-75	14.5	1,500	8-13-75	C	Discharges from buff sandstone over gray sandstone near bottom of steep canyon about 300 feet below rim of Tarantula Mesa.	

Table 8.--Records of selected petroleum-test wells and core holes

Location: See text for description of well- and spring-numbering system. S, well plugged back in year shown as year constructed; W, test well converted to water well (see table 6).

Name: Shows company that drilled well, followed by the name of well drilled in individual lease area, followed by landowner or other lease holder.

Altitude: Altitude of land surface at well, above mean sea level. Many altitudes are those reported by company drilling well, but all have been checked against topographic maps and have been modified where reported value seems seriously in error. S, altitude verified by surveying altimeter.

Selected geologic data: Formation code - See table 1 for explanation of code and description of lithology. Depths - All have been adjusted, where possible, to depth below land surface. Some are below company's reference datum, but difference is generally less than 15 feet.

Interval tested: Except as noted in the remarks, interval was isolated with packers and sampled through the drill stem. Depths have been adjusted, where possible, as noted under selected geologic data.

Other data available: Chemical analyses in table 13 and analyses of trace elements in table 14 - B, commonly determined constituents; C, commonly determined constituents plus some trace elements. DR, log in table 10.

Location	Name	Year con- structed	Alti- tude (feet)	Depth drilled (feet)	Selected geologic data			Interval tested		Other data avail- able	Remarks
					Forma- tion code	Depth to top (feet)	Depth to bottom (feet)	Depth to top (feet)	Depth to bottom (feet)		
(D-23-9)17cbd-1	Amerada No. 1 Federal	1962	7,046	3,665	220NVJO	0	587	-	-	-	Yield reported to be 4-6 gal/min at 1,248 feet.
					231WNGT	914	1,219	-	-		
					310CCNN	2,322	-	-	-		
(D-23-10)24dcc-1	Pan American No. 1 Anderson	1958	6,840	2,000	310CCNN	320	-	-	-	-	
					330MSSP	1,600	-	-	-		
28dbb-1	Amerada No. 1-354 Federal	1961	6,818	3,144	330MSSP	-	-	-	2,197 2,265	C	
(D-23-11)22ccc-1	Standard Oil Cali- fornia No. 1 Federal	1936	6,710	2,285	310KIBB	0	-	-	-	-	Tested Hermosa Formation. See composite log of lithology for this well and (D-23-11)27bbd-1 in Baker (1946, p. 117-120).
27bbd-1	Standard Oil Cali- fornia No. 2 Federal	1936	6,690	4,900	310CCNN	0	-	-	-	-	See composite log of lithology for this well and (D-23-11)22ccc-1 in Baker (1946, p. 117-120).
(D-23-13)7dcc-1	Kerr-McGee No. 1 Texas Pacific	1957	6,520	2,218	310CCNN	0	-	-	-	-	Water reported at approximately 900 feet. Fault at 1,000(?) feet. DST(S) in massive Mississippian rocks yielded no water.
					320PSLV	763	-	-	-		
					330MSSP	1,012	1,680	-	-		
					370CMBR	1,965	-	-	-		
(D-23-14)19ddb-1	Monsanto No. 1 Federal	1958	4,378	6,060	221ENRD	0	-	-	-	-	
					220NVJO	-	1,018	-	-		
					231WNGT	1,246	-	-	-		
					310CCNN	2,665	-	-	-		
					330MSSP	5,898	-	-	-		
(D-23-15)21bab-1	Shell No. 1 Federal	1959	4,679	7,702	221ENRD	370	385	-	-	B	DST 1 recovered 3,240 feet of salt water. Well drilled using salty mud, but water is same in wells nearby.
					220NVJO	1,190	1,640	-	-		
					231WNGT	1,913	2,234	-	-		
					310CCNN	3,260	3,711	-	-		
					330MSSP	7,452	-	7,500	7,702		
(D-23-16)3bca-1	Mobil No. 12-3 Federal	1961	4,038	9,450	221SLWS	0	-	-	-	B	DST recovered 1,150 feet of mud-cut salt water and 2,000 feet of salt water.
					220NVJO	-	1,280	-	-		
					231WNGT	1,497	1,900	-	-		
					3100TRM	2,805	3,228	-	-		
					330MSSP	-	-	8,530	8,715		
15dca-1	Mobil No. 34-15 Federal	1961	4,050	8,440	221ENRD	0	363	-	-	B	Well yielded slight flow at 800 feet. yield 3.3 gal/min at 2,530-2,570 feet, 150 gal/min at 3,115 feet, and 146 gal/min at 3,240 feet.
					220NVJO	539	948	-	-		
					231WNGT	1,210	1,521	-	-		
					310WTRM	2,540	2,860	-	2,510		
					319ELPC	3,113	3,803	-	-		
					330MSSP	8,028	-	8,210	8,440		
											DST 1 recovered 651 feet of mud and 6,929 feet of salt water.