

Figure 40.--DRILL-HOLE NO. HAYG-4--continued

Resistivity

**ELECTRIC LOG** U.S. GEOLOGICAL SURVEY, WATER RESOURCES DIVISION

TYPE: Resistivity DATE: 10/10/76  
 LOCATION: State: Colorado County: Huerfano Town: \_\_\_\_\_  
 District or Project: \_\_\_\_\_ FILE LOCATION NO.: \_\_\_\_\_

**LOGGING INFORMATION**

Operator(s): U.S.G.S. Field  
 Equipment address: \_\_\_\_\_  
 Logger type: Well Point No. W-22888  
 Tool type: \_\_\_\_\_  
 Tool length, cable head to measuring point: \_\_\_\_\_ ft. in  
 Calibration: \_\_\_\_\_  
 Logging speed: \_\_\_\_\_ ft/min up down  
 Log vert. scale: \_\_\_\_\_ ft/in

**WELL INFORMATION**

Well No. (USGS): \_\_\_\_\_  
 Other: HAYG 4  
 Map or Quad: Huerfano  
 Site description: \_\_\_\_\_  
 Agency or Owner: US  
 Address: \_\_\_\_\_  
 Altitude of L.S.: \_\_\_\_\_  
 Log H.F.: 12 ft. Log depth 500  
 Btm log interval: \_\_\_\_\_ ft. Well TD: 500 ft.  
 Top log interval: \_\_\_\_\_ ft.  
 Type of finish: \_\_\_\_\_  
 Casing: Elev. of top \_\_\_\_\_ ft/in Above L.S.  
 Below \_\_\_\_\_  
 I.D. \_\_\_\_\_ from \_\_\_\_\_ to \_\_\_\_\_ type \_\_\_\_\_  
 I.D. \_\_\_\_\_ from \_\_\_\_\_ to \_\_\_\_\_ type \_\_\_\_\_  
 I.D. \_\_\_\_\_ from \_\_\_\_\_ to \_\_\_\_\_ type \_\_\_\_\_  
 Cement: from \_\_\_\_\_ to \_\_\_\_\_  
 Perf. interval(s) from \_\_\_\_\_ to \_\_\_\_\_ type \_\_\_\_\_  
 Open hole diameter: from \_\_\_\_\_ to \_\_\_\_\_  
 Fluid level: 127 ft/in Above \_\_\_\_\_  
 At \_\_\_\_\_ L.S., Top Csg  
 Below \_\_\_\_\_  
 Fluid type: Water temp \_\_\_\_\_ °F, °C  
 Fluid resist: \_\_\_\_\_ ohm-m  
 Driller: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 Type of rig: Hand  
 Date started: \_\_\_\_\_ completed 10/10/76  
 Aquifer or formation: \_\_\_\_\_

**MODULE SETTINGS**

**SINGLE POINT RESISTANCE**

Scale switch (range): \_\_\_\_\_ ohms  
 Position Pot. (base, zero, or suppression): \_\_\_\_\_ Dial div.  
 Sensitivity Pot. (Span): \_\_\_\_\_ Dial div.  
 Actual scale: \_\_\_\_\_ ohms } chart div (or) (circle as applicable)  
 \_\_\_\_\_ full scale

**RESISTIVITY**

1/2 inch normal 100 ohm } (other resistivity)  
 Scale switch: \_\_\_\_\_ ohm-meters  
 Position Pot.: \_\_\_\_\_ dial div.  
 Sensitivity Pot.: \_\_\_\_\_ dial div.  
 Actual scale: \_\_\_\_\_ ohm-m } chart div (or) (circle as applicable)  
 \_\_\_\_\_ full scale

**SPONTANEOUS POTENTIAL**

Scale switch: \_\_\_\_\_ millivolts } 100 mv  
 Position Pot.: \_\_\_\_\_ dial div.  
 Sensitivity Pot.: \_\_\_\_\_ dial div.  
 Actual scale: \_\_\_\_\_ mV } chart div (or) (circle as applicable)  
 \_\_\_\_\_ full scale

**RECORDER SETTINGS**

Position Pot.: \_\_\_\_\_ Ch 1 \_\_\_\_\_ Ch 2 \_\_\_\_\_ Ch 3 \_\_\_\_\_  
 Sensitivity Pot.: \_\_\_\_\_  
 Run No. \_\_\_\_\_ of \_\_\_\_\_  
 Remarks: \_\_\_\_\_

NOTE: This log is not to be used to fulfill private contractual obligations.  
 Other data and logs available for this well: \_\_\_\_\_

