

Figure 30.--DRILL-HOLE NO. HAY-1

Gamma-Gamma, Natural Gamma

**NUCLEAR LOG**  
 TYPE: Gamma-Gamma, Natural Gamma DATE: 10-8-76  
 LOCATION: State: Colorado County: Aspen Town: \_\_\_\_\_  
 FILE LOCATION NO.: \_\_\_\_\_

**LOGGING INFORMATION**  
 Operator(s): U.S.G.S., McCullaugh  
 Equipment Address: Leadville  
 Logger type: Well No. \_\_\_\_\_ No. V-23264  
 Tool type: Ge  
 Detector type: scintillation  
 Source size: Co-60  
 Source spacing: \_\_\_\_\_  
 Tool length, cable head to detector: 117 ft  
 Calibration: Sec cps  
 Logging speed: 10 ft/min  
 Log vert. scale: 10 ft/in

**MODULE SETTINGS**  
 Scale switch (rate of counts): 500 cps chart div (nr) full scale  
 T. C. switch: \_\_\_\_\_  
 Position Pot.: \_\_\_\_\_  
 Sensitivity Pot.: \_\_\_\_\_  
 Discrimination Pot.: \_\_\_\_\_  
 Input pulse: 10 volts Polarity: neg  
 Output switch: normal; reverse \_\_\_\_\_  
 Astut scales: \_\_\_\_\_ cps chart div (nr) full scale (circle as applicable)

**RECORDER SETTINGS**  
 Position Pot.: \_\_\_\_\_  
 Sensitivity Pot.: \_\_\_\_\_  
 Run No. \_\_\_\_\_ of \_\_\_\_\_  
 Remarks: No conductivity run on well

**WELL INFORMATION**  
 Well No. (USGS): \_\_\_\_\_  
 Other: HAY-1  
 Map or Grid: Hybrid  
 Site description: T-5N-R8W-S4C-23 NE, SE, NW  
 Agency or Owner: US  
 Address: \_\_\_\_\_  
 Altitude of \_\_\_\_\_: \_\_\_\_\_  
 Log M.P.: 1.5 Log ID: 59  
 Rim log interval: \_\_\_\_\_ ft Well TD: 400 ft  
 Top log interval: \_\_\_\_\_ ft  
 Type of finish: \_\_\_\_\_  
 (a) Flow of top \_\_\_\_\_ Above \_\_\_\_\_  
 (b) \_\_\_\_\_ Below \_\_\_\_\_

Well hole diameter: \_\_\_\_\_  
 Fluid level: 346 ft/in Above \_\_\_\_\_  
 At \_\_\_\_\_ Below \_\_\_\_\_  
 Fluid type: water temp \_\_\_\_\_ °F, °C  
 Fluid resist: \_\_\_\_\_  
 Driller: John Reynolds  
 Address: Leadville, Colo  
 Type of rig: rotary  
 Date started: 10-7 completed: 10-7-76  
 Aquifer or formation: \_\_\_\_\_

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

