

Figure 34.--DRILL-HOLE NO. HAY-5

Gamma-Gamma

<p><b>NUCLEAR LOG</b></p> <p>TYPE: <u>Gamma-Gamma</u> <u>Well</u> <u>1710</u></p> <p>LOCATION: State <u>Colorado</u> County <u>Front</u> Town _____ FILE LOCATION NO. _____</p>		<p>U.S. GEOLOGICAL SURVEY, WATER RESOURCES DIVISION</p> <p>DISTRICT or OFFICE _____</p>	
<p><b>LOGGING INFORMATION</b></p> <p>Operator(s) <u>H.E.S. McCullough</u></p> <p>Equipment Address <u>ERC Denver, Colorado</u></p> <p>Logger type <u>Full Range</u> No. <u>2-32555</u></p> <p>Tool type <u>GM</u></p> <p>Detector type <u>NaI</u></p> <p>Source type <u>220Ac</u></p> <p>Source size <u>1/2" dia</u></p> <p>Source spec. <u>1000</u></p> <p>Tool length, cable head to detector <u>107</u> ft in</p> <p>Calibration <u>220Ac</u> <u>1710</u> <u>GM</u></p> <p>Logging speed: _____ ft/min <u>GM</u> <u>down</u></p> <p>Log vert. scale: _____ ft/in</p>		<p><b>WELL INFORMATION</b></p> <p>Well No. (USGS) _____</p> <p>Other <u>1710</u></p> <p>Name of Well <u>Hayden</u></p> <p>Site description <u>Front Range Nat. Monument</u></p> <p>Agency or Owner <u>USGS</u></p> <p>Address _____</p> <p>Altitude of L.S. <u>6550</u></p> <p>Log M.P. <u>1.5</u> <u>log depth 377</u></p> <p>Log interval: _____ ft Well TD <u>377</u> ft</p> <p>Top log interval: _____ ft</p> <p>Type of Finish: _____</p> <p>Casing: Elev. of top _____ ft/in Above L.S. _____ Below _____</p>	
<p><b>MODULE SETTINGS</b></p> <p>Scale switch (rate or counts) <u>Counts</u> <u>chart div (or)</u> <u>full scale</u></p> <p>(Circle as applicable)</p> <p>T.C. switch: <u>sec.</u></p> <p>Position Pot. (Base, zero, or suppression) _____ Dial Div. _____</p> <p>Sensitivity Pot. (Gain) _____ Dial Div. _____</p> <p>Discrimination Pot. _____ Dial Div. _____</p> <p>Input pulse: <u>normal</u> <u>reverse</u></p> <p>Output switch: <u>normal</u> <u>reverse</u></p> <p>Actual scale: _____ <u>chart div (or)</u> <u>full scale</u></p> <p>(Circle as applicable)</p>		<p><b>RECORDER SETTINGS</b></p> <p>Position Pot. <u>CH 1</u> <u>CH 2</u> <u>CH 3</u></p> <p>Sensitivity Pot. _____</p> <p>Run No. _____ of _____</p> <p>Remarks: _____</p>	
<p><b>PERFORMANCE</b></p> <p>I.D. _____ from _____ to _____ type _____</p> <p>I.D. _____ from _____ to _____ type _____</p> <p>I.D. _____ from _____ to _____ type _____</p> <p>Cement: from _____ to _____</p> <p>Perf. intervals: from _____ to _____ type _____</p> <p>Open hole diameter: from _____ to _____</p> <p>Fluid level: _____ ft/in Above _____ Below _____</p> <p>Fluid type: _____ temp _____ °F, °C</p> <p>Fluid resistivity: _____ ohm-cm</p> <p>Driller: _____</p> <p>Address: _____</p> <p>Type of log: _____</p> <p>Date started: _____ completed _____</p> <p>Analyst or formation: _____</p>		<p>NOTE: This log is not to be used to fulfill private contractual obligations.</p> <p>Other data and logs available for this well: _____</p>	

