

Figure 2.--Gamma-gamma density log for drill-hole CE-25A-HH

NUCLEAR LOG		U.S. GEOLOGICAL SURVEY, WATER RESOURCES DIVISION	
TYPE: <u>GAMMA-GAMMA DENSITY</u>		DATE: <u>7-6-79</u>	
LOCATION: State <u>WYO.</u> County <u>CARBON</u> Town _____		District or Project: _____	
FILE LOCATION NO.: _____		_____	

<p>LOGGING INFORMATION</p> <p>Operator(s) <u>L. SHOFF</u></p> <p>Equipment Address: <u>USA2, DENVER</u></p> <p>Logger type: _____ No. _____</p> <p>Tool type: _____</p> <p>Detector type: <u>SCIENTIFIC</u></p> <p>Source type: <u>Ca 137</u></p> <p>Source size: _____ C; _____ <u>125 MC</u></p> <p>Source spacing: <u>10 in.</u></p> <p>Tool length, cable head to detector: <u>4</u> ft <u>6</u> in</p> <p>Calibration: <u>589</u> <u>206</u> ft/min up down cps</p> <p>Logging speed: <u>17</u> ft/min up down</p> <p>Log vert. scale: <u>10</u> ft/in</p>	<p>WELL INFORMATION</p> <p>Well No. (USGS): <u>CA-25A-HH</u></p> <p>Other: _____</p> <p>Map or Quad <u>HARLEWAY HILL</u></p> <p>Site description <u>SE 1/4 Sec 9 T.21N. R.79W</u></p> <p>Agency or Owner: _____</p> <p>Address: _____</p> <p>Altitude of L.S.: _____</p> <p>Log M.P. _____ Log TD: <u>533</u> ft</p> <p>Btm log interval: _____ ft Well TD: _____ ft</p> <p>Top log interval: _____ ft</p> <p>Type of finish: _____</p> <p>Casing: Elev. of top _____ ft/in Above Below L.S.</p>
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<p>MODULE SETTINGS</p> <p>Scale switch (rate or counts): <u>100</u> API chart div (or) <u>full scale</u> (circle as applicable)</p> <p>T. C. switch: <u>4</u> sec. <u>8.58</u> <u>9.67</u> Dial Div.</p> <p>Position Pot. (Base, zero, or suppression) _____ Dial Div.</p> <p>Sensitivity Pot. (Span): <u>2.30</u> <u>3.42</u> Dial Div.</p> <p>Discrimination Pot.: <u>5</u> Dial Div.</p> <p>Input pulse: <u>1.5</u> volts; Polarity <u>POS.</u></p> <p>Output switch: <u>normal</u> reverse</p> <p>Actual scale: _____ cps chart div (or) <u>API</u> full scale (circle as applicable)</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. interval(s) from _____ to _____, type _____</p> <p>Open hole diameter: _____ from _____ to _____</p> <p>Fluid level: <u>150</u> in Above At Below <u>(L.S.)</u> Top Csg</p> <p>Fluid type: <u>WATER</u> temp _____ °F, °C</p> <p>Fluid resist.: _____ ohm-m</p> <p>Driller: <u>STEVE ROBERTS</u></p> <p>Address: <u>1222 OGAUCHI</u></p> <p>Type of rig: _____</p> <p>Date started: <u>2-5-79</u> completed <u>7-6-79</u></p> <p>Aquifer or formation: _____</p>
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<p>RECORDER SETTINGS</p> <p>Ch 1 _____ Ch 2 _____ Ch 3 _____</p> <p>Position Pot.: <u>5.18</u></p> <p>Sensitivity Pot.: <u>5.00</u></p> <p>Run No. <u>1</u> of <u>1</u></p> <p>Remarks: _____</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>
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