

Figure 14.—Gamma-gamma density, spontaneous potential, and resistivity log for drill-hole CB-30-HH

NUCLEAR LOG		U.S. GEOLOGICAL SURVEY, WATER RESOURCES DIVISION	
TYPE: <u>GAMMA-GAMMA</u> DATE: <u>8-5-79</u>		District or Project: _____	
LOCATION: State <u>WYO.</u> County <u>CARBON</u> Town _____		FILE LOCATION NO.: _____	
LOGGING INFORMATION		WELL INFORMATION	
Operator(s): <u>L. SMARFF</u>		Well No. (USGS): <u>CB-30-HH</u>	
Equipment Address: <u>USGS, BOZEMAN</u>		Other: _____	
Logger type: _____ No. _____		Map or Quad: <u>HAILEY HILL</u>	
Tool type: _____		Site description: <u>N. 21N. Sec 26</u>	
Detector type: <u>SCINTILLATION</u>		Agency or Owner: _____	
Source size: <u>CS 132</u>		Address: _____	
Source spacing: <u>12 IN.</u>		Altitude of L.S.: <u>7,250 EL</u>	
Tool length, cable head to detector: <u>4</u> ft. <u>2</u> in.		Log M.P.: _____	
Calibration: <u>SEC 125</u>		Btm log interval: _____ ft. _____ ft.	
Logging speed: <u>20</u> ft/min		Top log interval: _____ ft. _____ ft.	
Log vert. scale: <u>10</u> ft/in		Type of finish: _____	
MODULE SETTINGS		Casing: Elev. of top _____ ft/in Above Below L.S.	
Scale switch (rate or counts): <u>5000</u> chart div (or) _____		I.D. _____ from _____ to _____ type _____	
T. C. switch: <u>4</u> sec.		I.D. _____ from _____ to _____ type _____	
Position Pot. (Base, zero, or suppression): <u>9.90</u> Dial Div.		Cement: from _____ to _____	
Sensitivity Pot. (Span): <u>4.50</u> Dial Div.		Perf. interval(s) from _____ to _____ type _____	
Discrimination Pot.: <u>5</u> Dial Div.		Open hole diameter: from _____ to _____	
Input pulse: <u>1.5</u> volts; Polarity: <u>POS</u>		Fluid level: <u>1680</u> in. Above Below L.S. Top Csg	
Output switch: <u>REVERSE</u>		Fluid type: <u>WATER</u>	
Actual scale: _____ cps chart div (or) _____		Fluid resist.: _____ ohm-m	
Recorder Settings		Address: <u>USGS, BOZEMAN</u>	
Position Pot.: <u>507</u> Ch 2 _____ Ch 3 _____		Type of rig: <u>ROTARY</u>	
Sensitivity Pot.: <u>500</u>		Date started: <u>8-4-79</u> completed <u>8-5-79</u>	
Run No. <u>1</u> of <u>1</u>		Aquifer or formation: _____	
Remarks: _____		NOTE: This log is not to be used to fulfill private contractual obligations.	
_____		Other data and logs available for this well: _____	
_____		_____	

ELECTRIC LOG		U.S. GEOLOGICAL SURVEY, WATER RESOURCES DIVISION	
TYPE: <u>SP-RBS</u> DATE: <u>8-5-79</u>		District or Project: _____	
LOCATION: State: _____ County: _____ Town: _____		FILE LOCATION NO.: _____	
LOGGING INFORMATION		WELL INFORMATION	
Operator(s): _____		Well No. (USGS): <u>CB-30-HH</u>	
Equipment address: _____		Other: _____	
Logger type: _____ No. _____		Map or Quad: _____	
Tool type: _____		Site description: _____	
Length, cable head to measuring point: _____ ft. _____ in.		Agency or Owner: _____	
Logging speed: _____ ft/min _____ ft/in		Address: _____	
Calibration: _____		Altitude of L.S.: _____	
Log vert. scale: _____		Log M.P.: _____	
MODULE SETTINGS		Btm log interval: _____ ft. _____ ft.	
Scale switch (range): <u>100</u> ohms		Top log interval: _____ ft. _____ ft.	
Position Pot. (Base, zero, or suppression): <u>5.62</u> Dial Div.		Type of finish: _____	
Sensitivity Pot. (Span): <u>8.89</u> Dial Div.		Casing: Elev. of top _____ ft/in Above Below L.S.	
Actual scale: _____ ohms chart div (or) _____		I.D. _____ from _____ to _____ type _____	
RESISTIVITY		I.D. _____ from _____ to _____ type _____	
_____ inch normal		Cement: from _____ to _____	
Scale switch: _____ ohm-meters		Perf. interval(s) from _____ to _____ type _____	
Position Pot.: _____ ohm-meters		Open hole diameter: from _____ to _____	
Sensitivity Pot.: _____ ohm-meters		Fluid level: <u>1680</u> in. Above Below L.S. Top Csg	
Actual scale: _____ ohm-m chart div (or) _____		Fluid type: _____	
SPONTANEOUS POTENTIAL		Fluid resist.: _____ ohm-m	
Scale switch: <u>100</u> millivolts		Address: _____	
Position Pot.: <u>222</u> dial div.		Type of rig: _____	
Sensitivity Pot.: _____ mV chart div (or) _____		Date started: _____ completed _____	
Actual scale: _____ mV chart div (or) _____		Aquifer or formation: _____	
Recorder Settings		NOTE: This log is not to be used to fulfill private contractual obligations.	
Position Pot.: _____ Ch 1 _____ Ch 2 _____ Ch 3 _____		Other data and logs available for this well: _____	
Sensitivity Pot.: _____		_____	
Run No. <u>1</u> of <u>1</u>		_____	
Remarks: _____		_____	
_____		_____	
_____		_____	

