

Figure 33.--DRILL-HOLE NO. HAY-4--continued

Natural Gamma

<b>NUCLEAR LOG</b>		U.S. GEOLOGICAL SURVEY, WATER RESOURCES DIVISION	
TYPE: Natural Gamma DATE: 10-1-76		District or Project: _____	
LOCATION: State <u>Colorado</u> County <u>Kiowa</u> Town _____		FILE LOCATION NO.: _____	
<b>LOGGING INFORMATION</b>		<b>WELL INFORMATION</b>	
Operator(s): <u>U.S.G.S., Wollan</u>	Well No. (USGS): _____	Other: <u>HAY #4</u>	
Equipment Address: <u>WFO Denver</u>	Map or Grid: <u>Harvest</u>	Site description: <u>75 N. 57 W. sec 10 T17N R10W</u>	
Logger type: <u>Full Range</u>	Log No. _____		
Tool type: <u>GR</u>	Agency or Owners: <u>US</u>	Address: _____	
Detector type: <u>Geiger-Mueller</u>	Altitude of L.S.: <u>5520</u>	Log H.P.: _____	
Source size: _____	Log Log Interval: <u>100</u>	Top Log Interval: _____	Well TD: <u>580</u> ft
Source spacing: _____	Tool length, cable head to detector: <u>10</u> ft	Type of Station: _____	Casing: Elev. of top _____ ft/in Above L.S. Below _____
Tool length, cable head to detector: <u>10</u> ft	Calibration: <u>see log</u>		
Logging speed: <u>10</u> ft/min	Log vert. scale: <u>10</u> ft/in		
<b>MODEL SETTINGS</b>			
Scale switch (rate or counts): <u>2-50</u> chart div (or) <u>20</u> full scale (circle as applicable)	1.0 _____ from _____ to _____ type _____	1.0 _____ from _____ to _____ type _____	1.0 _____ from _____ to _____ type _____
F. C. switch: <u>1</u> sec	Cement: from _____ to _____	Ref. interval(s) from _____ to _____ type _____	Open hole diameter: from _____ to _____
Position Pot. (Energy zero, or suppression): <u>10</u> Dial Div.	Fluid level: _____ ft/in Above L.S., Top Csg At _____ Below _____	Fluid type: _____	Fluid temp: _____ deg. °C
Sensitivity Pot. (Span): <u>10</u> Dial Div.	Driller: <u>Tom Hayden</u>	Date started: <u>10-1-76</u>	Anal. or formation: _____
Discrimination Pot.: <u>10</u> Dial Div.	Type of log: <u>Gamma</u>	NOTE: This log is not to be used to fulfill private contractual obligations.	
Input pulse: <u>10</u> mV; Polarity: <u>neg</u>	Recorder settings: <u>see log</u>	Other data and logs available for this well: _____	
Output switch: normal, reverse	Run No. _____ of _____		
Actual scale: _____ (circle as applicable)	Remarks: _____		
<b>RECORDER SETTINGS</b>			
Position Pot.: Ch 1	Sensitivity Pot.: Ch 2	Ch 3	

