

Figure 12.--Gamma-ray and density logs for drill hole EN-3 (scale, 5 inches to 10 feet)

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GAMMA RAY COUNTS PER SECOND		SELF POTENTIAL MILLIVOLTS		RESISTANCE OHMS	
COMPANY: U.S. Geological Survey		-CALIBRATION-		-HOLE DATA-	
PROJECT AREA: Emery Coal Fields		SCALE: 100	CPS.	DRILLING CONTRACTOR:	
HOLE NO.: EN-3		SOURCE VALUE: OSC	CPS.	DRILL NO.:	
ELEVATION: 6210		K FACTOR (AIR): 1.43	X10-5	DEPTH DRILLED: 325 FT.	
DATE: 4-28-80		WATER FACTOR: 1.11	CASING FACTOR	HOLE DIAMETER: 4 3/8 IN.	
COUNTY: Emery		DEAD TIME: 8.96	μ SEC.	DRILLING MEDIUM: Water	
STATE: UT. SW 1/4 SE 1/4		PROBE NO. ST-5		WATER TABLE: 112 FT.	
SECTION: 12		PROBE DIAMETER: 1.25	IN.	DEPTH LOGGED: 345 FT.	
TOWNSHIP: 22 S		PROBE LENGTH: 10 FT	6 IN.	TOTAL FOOTAGE LOGGED: 65	
RANGE: 6 E					
INITIAL RUN		DENSITY		NEUTRON	
GAMMA - FULL SCALE: 10" = 200 CPS.		SCALE: 5" = 25 CPS.		SCALE: CPS.	
TIME CONSTANT: 2		TIME CONSTANT: 2		TIME CONSTANT:	
LOGGING SPEED: 5 FT./MIN.		LOGGING SPEED: 5 FT./MIN.		LOGGING SPEED: FT./MIN.	
RESISTANCE - FULL SCALE - OHMS		A' = 122 cps		FROM: FT.	
SELF POTENTIAL: MV/IN.		A2 = 58 cps		TO: FT.	
UNIT NO.: 21				TOTAL: FT.	
OPERATOR: C. Euler					
REMARKS:					

