

(200)
R290
no. 80-1027

U.S. Geological Survey

Open-File Report 80-1027

Figure 6.—Gamma-ray and density logs for drill hole EN-2 (scale, 5 inches to 10 feet)

MINERALS SERVICE COMPANY
1902-A South Padre Island Drive
Corpus Christi, Texas 78416



MINERALS SERVICE COMPANY
Phone: 303/245-2335
P.O. Box 614
Office: 2916 Hwy 6 & 24
Grand Junction, Colo. 81501

GAMMA RAY COUNTS PER SECOND		SELF POTENTIAL MILLIVOLTS		RESISTANCE OHMS	
COMPANY: U.S. GEOLOGICAL SURVEY		CALIBRATION		HOLE DATA	
PROJECT AREA: Emery Coal Field		SCALE: 100	CPS	DRILLING CONTRACTOR:	
HOLE NO: EN-2	ELEVATION: 6130	SOURCE VALUE: 05C	CPS	DRILL NO:	
DATE: 4-24-80		K FACTOR (AIR): 1.43	X10-3	DEPTH DRILLED: 79.5	
COUNTY: Emery		WATER FACTOR: 1.11	CASING FACTOR	HOLE DIAMETER: 4 3/8	
STATE: UT.		DEAD TIME: 8.96	μ SEC.	DRILLING MEDIUM: Water	
SECTION: 11 NE 1/4 NE 1/4		PROBE NO. ST-5		WATER TABLE: 114	
TOWNSHIP: 22 S		PROBE DIAMETER: 1.25	IN.	DEPTH LOGGED: 635	
RANGE: 6 E		PROBE LENGTH: 10 FT 6	IN.	TOTAL FOOTAGE LOGGED: 75	
INITIAL RUN		DENSITY		NEUTRON	
GAMMA FULL SCALE: 10" = 200	CPS	SCALE: 5" = 75	CPS	SCALE: CPS	SCALE: CPS
TIME CONSTANT: 2		TIME CONSTANT: 2		TIME CONSTANT:	TIME CONSTANT:
LOGGING SPEED: 5	FT./MIN.	LOGGING SPEED: 5	FT./MIN.	LOGGING SPEED: FT./MIN.	LOGGING SPEED: FT./MIN.
RESISTANCE—FULL SCALE—	OHMS	A ¹ = 118 cps		FROM:	FT.
SELF POTENTIAL:	MV/IN.	A ² = 50 cps		TO:	FT.
UNIT NO: 21				TOTAL:	FT.
OPERATOR: C. Euler					
REMARKS:					

