U.S. Geological Survey
Open-file Report 1977

Figure 16.--DRILL-HOLE NO. D-23-NG

Geo Dynamics
casper wyoming 82601

COMPANY U.S.G.S.

HOLE # OR NAME D-23-NG — ELEVATION 8450
FIELD TOPO QUAD NINEMILE GAP
COUNTY RIO BLANCO — STATE COLORADO

LOCATION	SE¼ NW¼ NE¼	SECTION	19	TOWNSHIP	3 North	RANGE	93 West

LOG TYPE	ESGR-DENSITY	RUN	1	2
RUN #	1 & 2	TOOL # & MODEL	EG-10	D-1
DATE	27 September 1976	DIAMETER, INCHES	1-11/16	1-11/16
DEPTH DRILLED	500.0	GR DETECTOR	scint	DENSITY DETECTOR G.M.
DEPTH LOGGED	497.0	SIZE CRYSTAL, INCHES	3/4 X 3.5	1 X 6.5
BOTTOM LOGGED INTERVAL	none	K FACTOR	1.24 X 10-5	
TOP LOGGED INTERVAL	none	DEADTIME, SECONDS	33.78 u-sec	
FLUID LEVEL	356.0	TIME CONSTANT (GR)	1	DENSITY 1
TYPE HOLE FLUID	natural mud	SCALE, CPS (GR)	10/inch	DENSITY 125/inch
BIT GUAGE	5-5/8	ZERO PLACEMENT (GR)	LEFT MARGIN	DENSITY LEFT MARGIN
CASING	none	WATER FACTOR	1.164	
TRUCK #	1			
LOGGING SPEED, FT/MIN	20 GR: 12-13 DENS	RESISTIVITY TYPE	SINGLE POINT	
RECORDER DEPTH SCALE, FT/IN.	10	SPACING, INCHES	NONE	
		SCALE, OHMS/INCH	200/inch	
		ZERO	1.5 inches right	
		S P SCALE, MV/INCH	NONE	

REMARKS: FEEDBACK CHATTER @ 412 feet to 428 feet is a systemic time constant adjustment, and does not affect curve geometry. Operator attempted to adjust sensitivity to accomodate 5-5/8" hole diameter