

Figure 17.—Spontaneous potential, resistivity, and gamma-gamma density log for drill-hole CB-31-C

ELECTRIC LOG

TYPE: SP & Resistance DATE: 8-1-79
LOCATION: State: WYO. County: CARBON Town:

U.S. GEOLOGICAL SURVEY, WATER RESOURCES DIVISION
District or Project:
FILE LOCATION NO.:

LOGGING INFORMATION

Operator(s) L. SHARFF
Equipment address: USGS, DENVER
Logger type: No.
Tool type:
Tool length, cable head to measuring point: 6 ft 6 in
Logging speed: 120 ft/min up down
Log vert. scale: 10 ft/in

WELL INFORMATION

Well No. (USGS): CB-31-C
Other:
Map or Quad CARBON
Site description NW 1/4, Sec 28, T. 21 N., R. 8 W.

SINGLE POINT RESISTANCE

Scale switch (range): 100 ohms
Position Pot. (base, zero, or suppression): 5.46 Dial div.
Sensitivity Pot. (Span): 8.92 Dial div.
Actual scale: ohms chart div (or) full scale (circle as applicable)

MODULUS SETTINGS

Altitude of L.S.:
Log M.P.:
Btm log interval: ft Well TD: 488 ft.
Top log interval: ft
Type of finish:
Casing: Elev. of top ft/in Above Below L.S.

RESISTIVITY

inch normal (other resistivity) Scale switch: ohm-meters
Position Pot.: dial div.
Sensitivity Pot.: dial div.
Actual scale: ohm-m chart div (or) full scale (circle as applicable)

SPONTANEOUS POTENTIAL

Scale switch: 100 millivolts
Position Pot.: 5.02 dial div.
Sensitivity Pot.: 2.29 dial div.
Actual scale: mV chart div (or) full scale (circle as applicable)

RECORDER SETTINGS

Position Pot.: Ch 1 Ch 2 Ch 3
Sensitivity Pot.:
Run No. 1 of 1

Fluid type

Fluid type: WATER ohm-m; temp °F, °C
Fluid resist.:
Driller: STEVE REBERTS
Address: USGS, DENVER
Type of rig: ROTARY
Date started: 7-31-79 completed 8-1-79
Aquifer or formation:

NOTE: This log is not to be used to fulfill private contractual obligations.
Other data and logs available for this well:

Remarks: SP PICKED UP LOT OF NOISE BELOW 350'; CAUSE UNKNOWN

NUCLEAR LOG

TYPE: GAMMA-GAMMA DATE: 8-1-79
LOCATION: State: WYO. County: CARBON Town:

U.S. GEOLOGICAL SURVEY, WATER RESOURCES DIVISION
District or Project:
FILE LOCATION NO.:

LOGGING INFORMATION

Operator(s) L. SHARFF
Equipment address: USGS, DENVER
Logger type: No.
Detector type: SCINTILLATION
Tool type: Cs 137 C; 125 MC
Source size: 13 in.
Tool length, cable head to detector: 2 ft 6 in
Calibration: 500 cpg
Logging speed: 12 ft/min up down
Log vert. scale: 10 ft/in

WELL INFORMATION

Well No. (USGS): CB-31-C
Other:
Map or Quad
Site description

MODULE SETTINGS

Scale switch (rate or counts): 500 cps chart div (or) API full scale (circle as applicable)

MODULUS SETTINGS

Altitude of L.S.:
Log M.P.:
Btm log interval: ft Well TD: ft
Top log interval: ft
Type of finish:
Casing: Elev. of top ft/in Above Below L.S.

RECORDER SETTINGS

Position Pot.: Ch 1 Ch 2 Ch 3
Sensitivity Pot.: 5.19
Run No. 1 of 1

Fluid type

Fluid type: ohm-m; temp °F, °C
Fluid resist.:
Driller:
Address:
Type of rig:
Date started: completed
Aquifer or formation:

NOTE: This log is not to be used to fulfill private contractual obligations.
Other data and logs available for this well:

Remarks:

