

Figure 8.—Natural gamma and neutron log for drill-hole CB-27-11H

NUCLEAR LOG

TYPE: NAT. GAMMA DATE: _____

LOCATION: State WYO. County _____ Town _____ FILE LOCATION NO.: _____

LOGGING INFORMATION

Operator(s) L. SHARPE
 Equipment Address: USGS, DENVER No. _____
 Detector type: _____
 Tool type: SCINTILLATION
 Source size: _____ C; _____ MC
 Source spacing: _____
 Tool length, cable head to detector: 1 ft in
 Calibration: see log ft/min up down cps
 Logging speed: 1.5 ft/min up down
 Log vert. scale: 10 ft/in

MODULE SETTINGS

Scale switch (rate or counts): 500 chart div (or) API full scale (circle as applicable)
 T. C. switch: 4 sec.
 Position Pot. (Base, zero, or suppression): 1000 Dial Div.
 Sensitivity Pot. (Span): 6.27 Dial Div.
 Discrimination Pot.: 5 Dial Div.
 Input pulse: 1.5 volts; Polarity NEG.
 Output switch: normal reverse
 Actual scale: _____ cps chart div (or) API full scale (circle as applicable)

RECORDER SETTINGS

Position Pot.: _____ Ch 1 _____ Ch 2 _____ Ch 3 _____
 Sensitivity Pot.: 5.00 _____
 Run No. 1 of 1
 Remarks: _____

U.S. GEOLOGICAL SURVEY, WATER RESOURCES DIVISION

District or Project: _____

WELL INFORMATION

Well No. (USGS): CB-2711H
 Other: _____
 Map or Quad: Halfway Hill
 Site description: NW 1/4 Sec 30 T. 21 N., R. 79 W.
 Agency or Owner: _____
 Address: _____
 Altitude of L.S.: 6,950 EL
 Log M.P. _____ Log TD: 233 ft
 Btm log interval: _____ ft Well TD: _____ ft
 Top log interval: _____ ft
 Type of finish: _____
 Casing: Elev. of top _____ ft/in Above Below L.S.

I.D. _____ from _____ to _____ type _____
 I.D. _____ from _____ to _____ type _____
 I.D. _____ from _____ to _____ type _____

Cement: from _____ to _____

Perf. interval(s) from _____ to _____ type _____
 Open hole diameter: from _____ to _____

Fluid level: 480 in Above At Below (L.S.) Top Csg

Fluid type: _____
 Fluid resist.: _____ ohm-m temp _____ °F, °C
 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: _____

NUCLEAR LOG

TYPE: NEUTRON DATE: _____

LOCATION: State _____ County _____ Town _____ FILE LOCATION NO.: _____

LOGGING INFORMATION

Operator(s) _____
 Equipment Address: _____ No. _____
 Detector type: _____
 Tool type: _____
 Source size: _____ C; _____ MC
 Source spacing: _____
 Tool length, cable head to detector: _____ ft in
 Calibration: _____ ft/min up down cps
 Logging speed: _____ ft/min up down
 Log vert. scale: _____ ft/in

MODULE SETTINGS

Scale switch (rate or counts): 500 chart div (or) API full scale (circle as applicable)
 T. C. switch: 4 sec.
 Position Pot. (Base, zero, or suppression): 9.96 Dial Div.
 Sensitivity Pot. (Span): 4.58 Dial Div.
 Discrimination Pot.: _____ Dial Div.
 Input pulse: 1.5 volts; Polarity POS.
 Output switch: normal reverse
 Actual scale: _____ cps chart div (or) API full scale (circle as applicable)

RECORDER SETTINGS

Position Pot.: _____ Ch 1 _____ Ch 2 _____ Ch 3 _____
 Sensitivity Pot.: 5.00 _____
 Run No. 1 of 1
 Remarks: _____

U.S. GEOLOGICAL SURVEY, WATER RESOURCES DIVISION

District or Project: _____

WELL INFORMATION

Well No. (USGS): CB-2711H
 Other: _____
 Map or Quad: _____
 Site description: _____
 Agency or Owner: _____
 Address: _____
 Altitude of L.S.: _____
 Log M.P. _____ Log TD: 233 ft
 Btm log interval: _____ ft Well TD: _____ ft
 Top log interval: _____ ft
 Type of finish: _____
 Casing: Elev. of top _____ ft/in Above Below L.S.

I.D. _____ from _____ to _____ type _____
 I.D. _____ from _____ to _____ type _____
 I.D. _____ from _____ to _____ type _____

Cement: from _____ to _____

Perf. interval(s) from _____ to _____ type _____
 Open hole diameter: from _____ to _____

Fluid level: 480 in Above At Below (L.S.) Top Csg

Fluid type: WATER
 Fluid resist.: _____ ohm-m temp _____ °F, °C
 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: _____

