

Figure 4.--Neutron log for drill-hole CB-25A-III

NUCLEAR LOG		U.S. GEOLOGICAL SURVEY, WATER RESOURCES DIVISION	
TYPE: NEUTRON DATE: 7-6-79		District or Project: _____	
LOCATION: State WYO. County CARBON Town _____		FILE LOCATION NO.: _____	
LOGGING INFORMATION		WELL INFORMATION	
Operator(s) L. SHARFF		Well No. (USGS): CA-25A-III	
Equipment Address: USGS, DENVER		Other: _____	
Logger type: _____ No. _____		Map or Quad HAILEWAY HILL	
Detector type: Scintillation		Site description SE 1/4 Sec 9	
Source type: Am Be 241		T. 21N. R. 79 W.	
Source size: _____ C; _____ MC		Agency or Owner: _____	
Source spacing: 13.122		Address: _____	
Tool length, cable head to detector 7 ft in		Altitude of L.S.: _____	
Calibration: see log		Log TD: 525 ft	
Logging speed: 17 ft/min up down		Btm log interval: _____ ft Well TD: 565 ft	
Log vert. scale: 10 ft/in		Type of finish: _____	
MODULE SETTINGS		Casing: Elev. of top _____ ft/in Above Below L.S.	
Scale switch (rate or counts): 1000 x 100 (see log) cps chart div (or) _____ API full scale (circle as applicable)		I.D. _____, from _____ to _____, type _____	
T. C. switch: 4 sec. 9.6898 Dial Div.		I.D. _____, from _____ to _____, type _____	
Position Pot. (Base, zero, or suppression): _____		Cement: from _____ to _____	
Sensitivity Pot. (Span): 2.34 2.36 Dial Div.		Perf. interval(s) from _____ to _____, type _____	
Discrimination Pot.: 5 Dial Div.		Open hole diameter: from _____ to _____	
Input pulses: 1.5 volts; Polarity Pos.		Fluid level: 1490 in Above At Below L.S. Top Csg	
Output switch: normal reverse		Fluid type: WATER temp _____ /F, °C	
Actual scale: _____ cps chart div (or) _____ API full scale (circle as applicable)		Driller resist.: _____ ohm-m	
RECORDER SETTINGS		Address: USGS, DENVER	
Position Pot.: _____ Ch 1 _____ Ch 2 _____ Ch 3		Type of rig: ROTARY	
Sensitivity Pot.: 5.15 5.00		Date started: 7-5-79 completed 7-6-79	
Run No. 1 of 1		Aquifer or formation: _____	
Remarks: _____		NOTE: This log is not to be used to fulfill private contractual obligations.	
_____		Other data and logs available for this well: _____	

