

Figure 8.--Neutron log for drill-hole GNW1

NUCLEAR LOG

U.S. GEOLOGICAL SURVEY

TYPE: NEUTRON DATE: 7-3-79

District or Project: _____

LOCATION: State COLORADO County JACKSON Town _____

FILE LOCATION NO.: _____

LOGGING INFORMATION

WELL INFORMATION

Operator(s) L. SHOAF
 Equipment Address: USGS, DENVER
 Logger type: _____ No. _____
 Tool type: _____
 Detector type: SCINTILLATION
 Source type: AM BB 241
 Source size: 3 C; _____ MC
 Source spacing: 13 in.
 Tool length, cable head to detector 7 ft _____ in
 Calibration: SEE LOG cps
 Logging speed: 17 ft/min up down
 Log vert. scale: 10 ft/in

Well No. (USGS): GNW-1
 Other: _____
 Map or Quad Gould NW Quad
 Site description T. 8 N. R. 78 W. SEC 10 SW 1/4 NE 1/4
 Agency or Owner: _____
 Address: _____
 Altitude of L.S. _____
 Log M.P. _____ Log TD 108 ft
 Btm log interval: _____ ft Well TD: 115 ft
 Top log interval: _____ ft
 Type of finish: _____
 Casing: Elev. of top _____ ft/in Above Below L.S.

MODULE SETTINGS

Scale switch (rate or counts): 100 cps chart div (or) API full scale
 (circle as applicable)
 T. C. switch: 4 sec.
 Position Pot. (Base, zero, or suppression): 9.52 Dial Div.
 Sensitivity Pot. (Span): 3.84 Dial Div.
 Discrimination Pot.: 5 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)

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 _____

RECORDER SETTINGS

	Ch 1	Ch 2	Ch 3
Position Pot.:	<u>5.18</u>	_____	_____
Sensitivity Pot.:	<u>5.00</u>	_____	_____

Fluid level: 10 ft in Above At L.S. Below Top Csg
 Fluid type: WATER temp _____ °F, °C
 Fluid resist.: _____ ohm-m
 Driller: STEVE ROBERTS
 Address: USGS, DENVER
 Type of rig: ROTARY
 Date started: 7-2-79 completed 7-3-79
 Aquifer or formation: _____

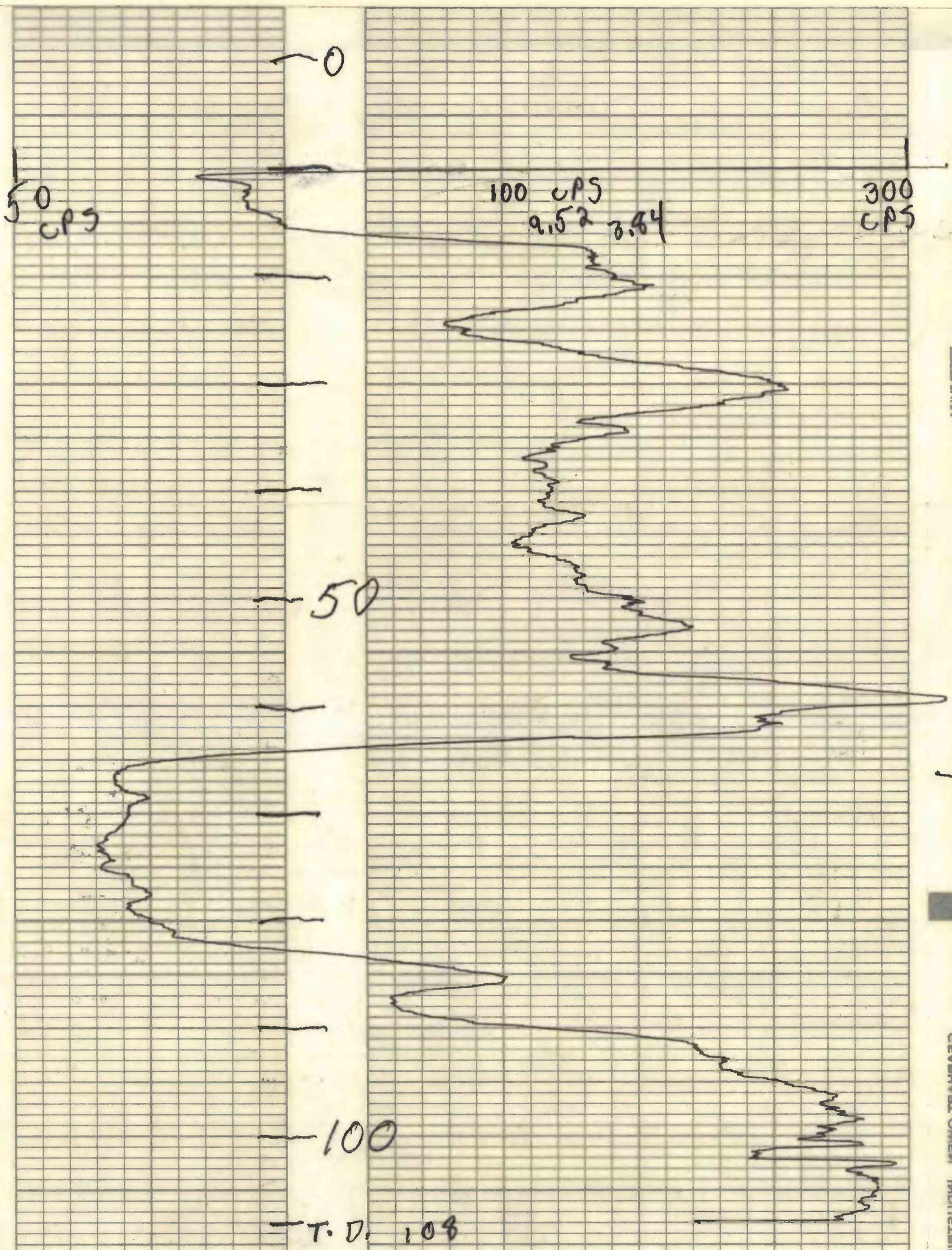
Run No. 1 of 1

NOTE: This log is not to be used to fulfill private contractual obligations.

Remarks: _____

Other data and logs available for this well: _____

GPO 843-099



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