

Figure 7.—DRILL-HOLE NO. RS-4-S

Natural gamma log

NUCLEAR LOG

U.S. GEOLOGICAL SURVEY, WATER RESOURCES DIVISION

TYPE: Natural Gamma DATE: 7-14-76

District or Project: \_\_\_\_\_

LOCATION: State Wyo County Westwater Town \_\_\_\_\_

FILE LOCATION NO.: \_\_\_\_\_

LOGGING INFORMATION

WELL INFORMATION

Operator(s) U.S.G.S., McCullough  
 Equipment Address: DFC, Denver, Colorado  
 Logger type: Well Reconnaissance No. W-236265  
 Tool type: do.  
 Detector type: scintillation  
 Source type: \_\_\_\_\_  
 Source size: \_\_\_\_\_ C; \_\_\_\_\_ MC  
 Source spacing: \_\_\_\_\_  
 Tool length, cable head to detector 975 ft in  
 Calibration: sec log cps  
 Logging speed: 15 ft/min up down  
 Log vert. scale: 10/10 ft/in

Well No. (USGS): \_\_\_\_\_  
 Other: RS4-S  
 Map or Quad \_\_\_\_\_  
 Site description W.P. 204, Sec 3, T. 20 N., R. 10 W.  
 Agency or Owner: US  
 Address: \_\_\_\_\_  
 Altitude of L.S.: 7110 ft  
 Log M.P.: LS log depth 402  
 Btm log interval: \_\_\_\_\_ ft Well TD: 410 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): 0.50 cps chart div (or) \_\_\_\_\_ full scale (circle as applicable)  
 T. C. switch: 4 sec.  
 Position Pot. (Base, zero, or suppression): 95 Dial Div.  
 Sensitivity Pot. (Span): 1.0 Dial Div.  
 Discrimination Pot.: 4.0 Dial Div.  
 Input pulse: 12 volts; Polarity Neg  
 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 \_\_\_\_\_

Fluid level: 205 ft/in Above At Below L.S., Top Csg

Fluid type: WTR temp \_\_\_\_\_ °F, °C  
 Fluid resist.: \_\_\_\_\_ ohm-m

Driller: USGS  
 Address: DFC Denver, CO

Type of rig: Rotary (air-wire)  
 Date started: \_\_\_\_\_ completed 7-13-76

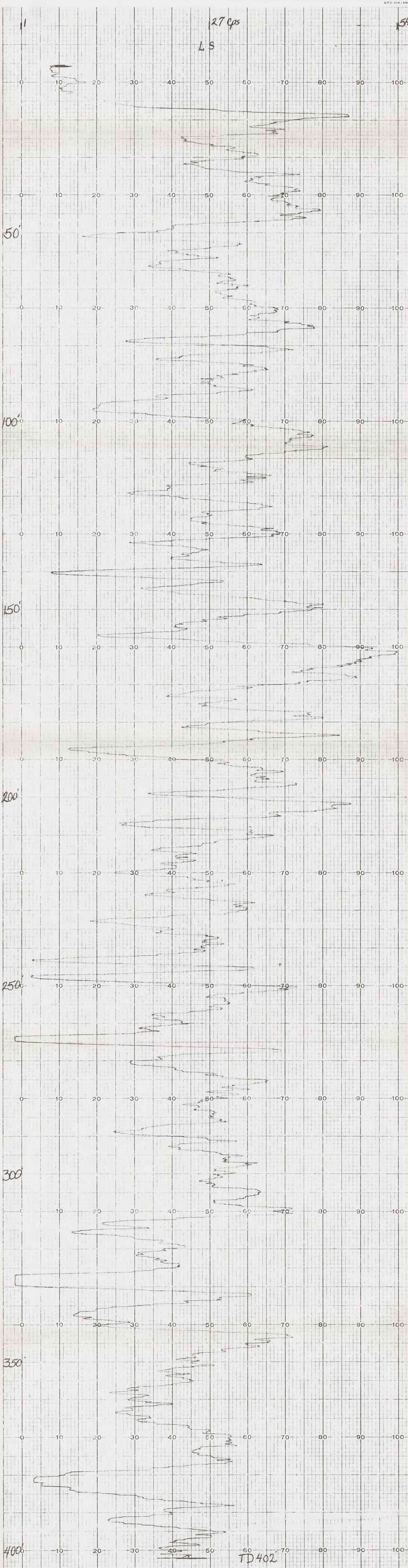
Aquifer or formation: \_\_\_\_\_

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

Other data and logs available for this well: \_\_\_\_\_

RECORDER SETTINGS

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



GPO 838-888