

NUCLEAR LOG

U.S. GEOLOGICAL SURVEY, WATER RESOURCES DIVISION

TYPE: NAT. GAMMA

DATE: 9-24-75

District or Project: GEOL. DIV., LEXINGTON, KY

LOCATION: State KY

County LESLIE

Town NEAR HYDEN

FILE LOCATION NO.: OF 75-563

LOGGING INFORMATION

WELL INFORMATION

Operator(s) ZEHNER

Equipment Address: LOUISVILLE, KY

Logger type: WELL RECON. No.

Tool type: GAMMA

Detector type: N22

Source type: C; MC

Source size: C; MC

Source spacing: 4.2 ft in

Tool length: cable head to detector 4.2 ft in

Calibration: 10-25-50-75-70 cps

Logging speed: 20 ft/min up down

Log vert. scale: 20 ft/in

Well No. (USGS): CUTSHIN COREHOLA 1-A

Other: 370119 N 832118 W

Map or Quad: CUTSHIN 7.5'

Site description:

Agency or Owner: V.S.G.S., LEXINGTON, KY.

Address:

Altitude of L.S.: 1016

Log M.P.: TOP DRILL PIPE (0.6' ABOVE L.S.)

Btm log interval: 1178.9 ft Well TD: 1198 ft

Top log interval: 4.9 ft SEE REMARKS

Type of Finish:

Casing: Elev. of top 0.6 ft Above Below L.S.

MODULE SETTINGS

RECORDING SETTINGS

Scale switch (rate or counts): 0-100 cps (chart div) (or) API (full scale) (circle as applicable)

T. C. switch: 8 sec.

Position Pot. (Base, zero, or suppression): Dial Div.

Sensitivity Pot. (Span): Dial Div.

Discrimination Pot.: Dial Div.

Input pulse: 1.0 volts: Polarity

Output switch: Normal reverse cps (chart div) (or) API (full scale)

Actual scale: 20 ft/in (circle as applicable)

RECORDER SETTINGS

Ch 1 Ch 2 Ch 3

Position Pot.: Sensitivity Pot.:

Run No. of

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

Other data and logs available for this well:

T-Y, N-N, CALIPER, RESISTANCE

