

**ELECTRIC LOG**

U.S. GEOLOGICAL SURVEY, WATER RESOURCES DIVISION

DATE: 9-25-75 District or Project: GEOL. DIV., LEXINGTON DF 75-563

LOCATION: State: KY County: LESIE Town: NEAR HYDEN FILE LOCATION NO.: \_\_\_\_\_

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**LOGGING INFORMATION**

Operator(s): ZENNER

Equipment address: LOUISVILLE, KY.

Logger type: WELL RECON.

Tool type: RESISTANCE (SINGLE POINT)

Tool length, cable head to measuring point: 2.6 ft.

Calibration: NONE

Logging speed: 5 ft/min (up) down

Log vert. scale: 20 ft/in

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**MODULE SETTINGS**

**SINGLE POINT RESISTANCE**

Scale switch (range): 0-20 ohms

Position Pot. (base, zero, or suppression): \_\_\_\_\_ Dial div.

Sensitivity Pot.: \_\_\_\_\_ Dial div.

Actual scale: \_\_\_\_\_ ohms chart div (or) full scale (circle as applicable)

**RESISTIVITY**

\_\_\_\_\_ Inch normal (other resistivity) \_\_\_\_\_ Inch normal

Scale switch: \_\_\_\_\_ ohm-meters

Position Pot.: \_\_\_\_\_ dial div.

Sensitivity Pot.: \_\_\_\_\_ dial div.

Actual scale: \_\_\_\_\_ ohm-m chart div (or) full scale (circle as applicable)

Actual scale: \_\_\_\_\_ ohm-m chart div (or) full scale (circle as applicable)

**SPONTANEOUS POTENTIAL**

Scale switch: \_\_\_\_\_ millivolts

Position Pot.: \_\_\_\_\_ dial div.

Sensitivity Pot.: \_\_\_\_\_ dial div.

Actual scale: \_\_\_\_\_ mV chart div (or) full scale (circle as applicable)

**RECORDER SETTINGS**

Ch 1: \_\_\_\_\_ Ch 2: \_\_\_\_\_ Ch 3: \_\_\_\_\_

Position Pot.: \_\_\_\_\_

Sensitivity Pot.: \_\_\_\_\_

Run No. \_\_\_\_\_ of \_\_\_\_\_

Remarks: \_\_\_\_\_

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**WELL INFORMATION**

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

Other: 370119 N 832118 W

Map or Quad: CUTSHIN 7.5

Site description: \_\_\_\_\_

Agency or Owner: U.S.G.S.

Address: LEXINGTON

Altitude of L.S.: 1016

Log M.P.: TOP DRILL PIPE (0.6 FT. ABOVE G.C.)

Btm log interval: 1198.5 ft Well TD: 1198 ft.

Top log interval: 112 ft

Type of finish: \_\_\_\_\_

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

I.D. 3" from 112 to 0, types TEEL

I.D. \_\_\_\_\_ from \_\_\_\_\_ to \_\_\_\_\_, type \_\_\_\_\_

I.D. \_\_\_\_\_ from \_\_\_\_\_ to \_\_\_\_\_, type \_\_\_\_\_

Cement: from \_\_\_\_\_ to \_\_\_\_\_

Perf. interval(s) from \_\_\_\_\_ to \_\_\_\_\_, type \_\_\_\_\_

Open hole diameter: 3" from 1178 to 112

Fluid level: 16 ft. Above Below L.S. (Top Csg.)

Fluid type: WATER ; temp \_\_\_\_\_ °F.

Fluid resist.: \_\_\_\_\_ ohm-m

Driller: S.E. ENER, & DRILLING

Address: CHARLOTTE, N.C. CAROLINA

Type of rig: ROTARY

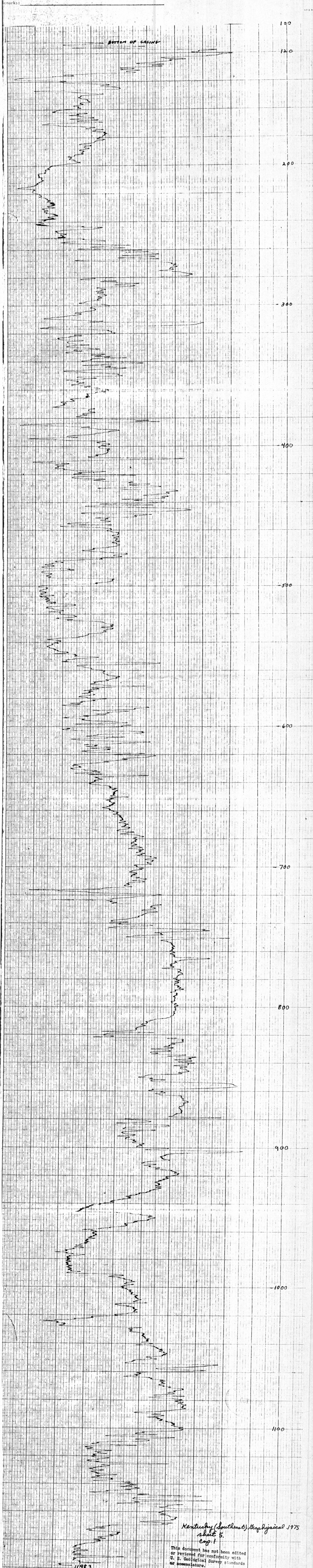
Date started: AUG. 1975 completed SEP. 1975

Aquifer or formation: GREATMITT

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

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

X, Y-Z, N-N, CALPER



Kentucky (Southeast) Map. 1975  
Sheet 5.  
Log 1

This document has not been edited  
or reviewed for conformity with  
U. S. Geological Survey standards  
or nomenclature.

open file 75-563