

WRD Exp. (GW)
April 1966

Well No. K13

WELL SCHEDULE

E 109 # 22

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by C. Jessup Source of data MSGs Date 11-13-67 Map _____

State Miss. 28 County (or town) Winston 8.9

Latitude: 33° 06' 11" N Longitude: 089° 03' 30" W Sequential number: 45

Lat-long accuracy: 3' T. 14 S, R. 12 E, Sec. 3, NW 1/4, NW 1/4

Local well number: K013080314N12E Other number: _____ B & M

Local use: 021022 168 84 Owner or name City of Louisville

Owner or name: LOUISVILLE Address: Louisville

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist _____ M

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, _____
(S) Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other _____ P

Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed _____ W Z

DATA AVAILABLE: Well data 1 Freq. W/L meas.: _____ Ø Field aquifer char. _____ Z

Hyd. lab. data: WELL CEMENTED - 6/16/89

Qual. water data; type: _____

Freq. sampling: _____ Pumpage inventory: _____ yes _____ no _____ period _____ yes _____ no

Aperture cards: _____ yes _____ no

Log data: E Log 14-408'-Samples, D-1 0-365 ft DE

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: _____ ft 360 Meas. _____ 3

Depth cased: split screen ft 260 Casing type: _____; Diam. _____ in 12

Finish: (C) porous concrete, (F) gravel w. (perforated) screen, (G) gravel w. (open) gallery, (H) horiz. open end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Ø) other _____ G

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd. jetted, (J) percussion, (R) rotary, (T) air reverse, (V) driven, (W) drive wash, (Ø) other _____ H

Date Drilled: 12/23/67 967 Pump intake setting: _____ ft 253

Driller: Hernon-Horman Well Supply

Lift (type): (A) air, (B) bucket, (C) cent., (J) jet, (M) multiple (cent.), (N) none, (P) piston, (R) rot, (S) submerg., (T) turb., (Ø) other _____ M Deep _____ Shallow _____

Power (type): (nat) diesel, (elec) gas, gasoline, hand, gas, wind; H.P. _____ V Trans. or meter no. _____

Descrip. MP Top airline hole on log ft above _____ below _____ LSD. Alt. MP _____

Alt. LSD: 510 510 Accuracy: _____ 9

Water Level 115 ft above _____ below _____ LSD 115 Accuracy: airline _____ 2

Date meas: D67 Yield: _____ gpm 697 Method determined _____ 4

Drawdown: _____ ft 84 Accuracy: _____ 2 Pumping period _____ hrs _____ 4

QUALITY OF WATER DATA: Iron _____ ppm _____ Sulfate _____ ppm _____ Chloride _____ ppm _____ Hard. _____ ppm _____

Sp. Conduct _____ K x 10⁶ _____ Temp. _____ °F _____ Date sampled _____

Taste, color, etc. _____

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Latitude-longitude N
S
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: 03 Section: _____

Drainage Basin: 137 Subbasin: _____

Topo of well site: (D) depression, stream channel, dunes, flat, (H) hilltop, sink, swamp, offshore, pediment, hillside, terrace, undulating, valley flat (V)

MAJOR AQUIFER: Tertiary Eocene TE lower Wilcox LW
system series aquifer, formation, group

Lithology: Sand 4S Origin: 2 Aquifer Thickness: _____ ft

109 Length of well open to: _____ ft 92 Depth to top of: _____ ft 255

MINOR AQUIFER: _____ system series aquifer, formation, group

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

_____ Length of well open to: _____ ft _____ Depth to top of: _____ ft _____

Intervals Screened:

Depth to consolidated rock: 4500 ft _____ Source of data: 5

Depth to basement: _____ ft _____ Source of data: _____

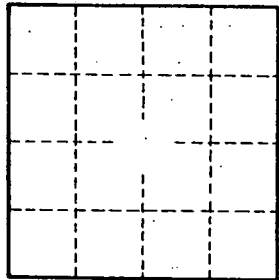
Surficial material: _____ Infiltration characteristics: 3

Coefficient Trans: _____ gpd/ft 453 Coefficient Storage: _____

Coefficient Perm: 410 gpd/ft²; Spec cap: 8.4 gpm/ft; Number of geologic cards: _____

Log in file (0-365 ft)

Screen 260-312 ft
320-360 ft



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