

WRD Exp. (CW)
April 1966

Well No.

K12

WELL SCHEDULE

E-log # 20

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by P.E. Grantham Source of data E log + Dr. l.v. Date 5-7-67 Map County map

State Mississippi 28 County (or town) Winston 8:0

Latitude: 33° 06' 11" N Longitude: 089° 03' 28" W Sequential number: 1

Lat-long accuracy: 2' T. 14 S. R. 12 W. Sec 3, NW 1/4, NW 1/4, NW 1/4

Local well number: K0128B314NR12E Other number:

Local use: 053020 Owner or name: Town of Louisville (Deep)

Owner or name: LOUISVILLE Address: Louisville, Miss

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

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Med, (N) Ind, (P) S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other U

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (I) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed Z

DATA AVAILABLE: Well data Freq. W/L meas.: Field aquifer char.

Hyd. lab. data:

Qual. water data; type: USGS 5/67

Freq. sampling: Pumpage inventory: period:

Aperture cards:

Log data: E Log 6 = 2691 Schumberger 80-2722 Mud Res 11.0ohms@71° DE

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 2725 ft Meas. accuracy

Depth cased: (first perf.) 2655 ft Casing type: ; Diam. 6.4 in

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

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

Date Drilled: 5-67 967 Pump intake setting: ft

Driller: T.M. Parks Houlka, Miss Tom Barth, Engr.

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

Power (type): (nat) diesel, elec, gas, gasoline, hand, gas, wind; (LP) Trans. or meter no.

Descrip. MP ft above below LSD, Alt. MP

Alt. LSD: 513 Bar. 513 Accuracy: (source)

Water Level: 300 ft above below MP; Ft above below LSD 300 Accuracy:

Date meas: 567 Yield: gpm 23 Method determined

Drawdown: ft 30 Accuracy: Pumping period hrs 2

QUALITY OF WATER DATA: Iron 1.2 ppm Sulfate 0 ppm Chloride 580 ppm Hard. 47 ppm

Sp. Conduct 2360 K x 10⁶ 6 Temp. 99 °F 99 Date sampled 567

Taste, color, etc.

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

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Latitude-longitude d m s N

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD 19 Physiographic Province: 03 Section: _____

22 Drainage Basin: D 23 Subbasin: 13T 26 _____

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) (F) (H) (K) (L) (O) (P) (S) (T) (U) (V) offshore, pediment, hillside, terrace, undulating, valley flat 27 _____

MAJOR AQUIFER: system _____ series K3 28 29 aquifer, formation, group G10 30 31

Lithology: _____ 32 33 Origin: 2 34 Aquifer Thickness: _____ ft

35 Length of well open to: _____ ft 36 37 Depth to top of: 2525 ft 170 38 40 41 43 152

MINOR AQUIFER: system _____ series _____ 44 45 aquifer, formation, group _____ 46 47

Lithology: _____ 48 49 Origin: _____ 50 Aquifer Thickness: _____ ft

51 Length of well open to: _____ ft 52 53 Depth to top of: _____ ft 54 56 57 59

Intervals Screened: 2655-2675 ; 2715-2725

Depth to consolidated rock: _____ ft 60 63 Source of data: _____ 64

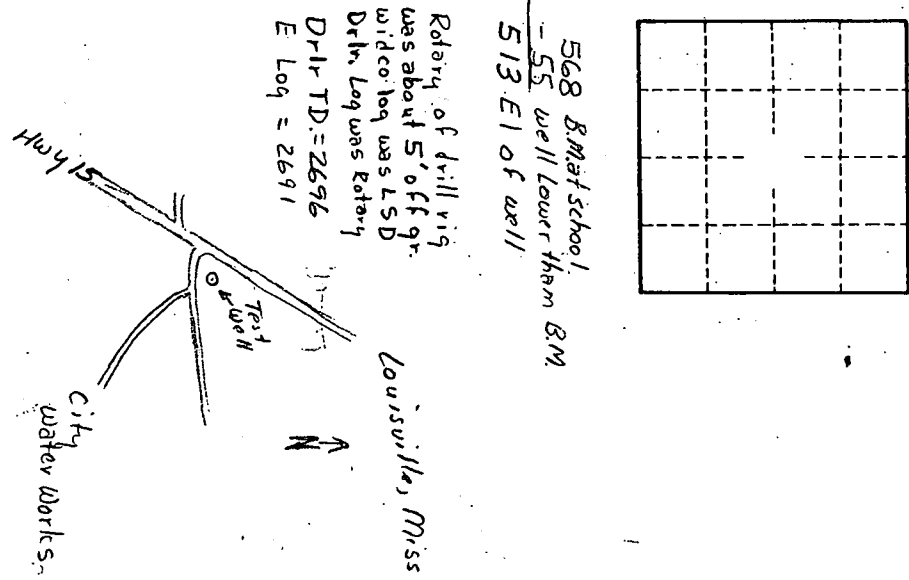
Depth to basement: _____ ft 65 68 Source of data: _____ 69

Surficial material: _____ 70 71 Infiltration characteristics: _____ 72

Coefficient Trans: _____ gpd/Et 73 75 Coefficient Storage: _____ 76 78

Coefficient Perm: _____ gpd/ft²; Spec cap: 0.72 gpm/Et; Number of geologic cards: _____ 79

2525
2695



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