

WRD Exp. (GW)
April 1966

Well No. A20

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION
PUNCHED & VERIFIED *JK*
ROLLA COMPUTATION BRANCH

MASTER CARD

Record by G.F. Brown Source of data _____ Date _____ Map _____

State Mississippi 28 County Washington 76
(or town)

Latitude: 33^{deg} 29^{min} 08^{sec} N Longitude: 09^{deg} 05^{min} 40^{sec} W
12 degrees 15 min Sec 18

Lat-long accuracy: 2²⁰ T. 19²¹ S, R B²² Sec 23, NE SW
N E S W

Local well number: A020AC2319NOBW Other number: 12a MS65 Bull. 65
B & M

Local use: _____ Owner or name: CITY GREENVILLE Address: Greenville
Owner or name: CITY GREENVILLE Address: Greenville

Ownership: (C) County, Fed Gov't, (M) City, Corp or Co, Private, State Agency, Water Dist M
(A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec,
water: (S) Stock, Instit, (U) Unused, Repressure, Recharge, Desal-P S, Desal-other, Other U
(T) (V) (W) (X) (Y) (Z)

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

DATA AVAILABLE: Well data N Freq. W/L meas.: none Field aquifer char. _____
70 71

Hyd. lab. data: _____ 73

Qual. water data; type: _____ 74

Freq. sampling: none Pumpage inventory: no period: _____ 75 76
yes

Aperture cards: _____ 77
yes

Log data: Driller's log to 595' D 78 79

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 595 ft 59.5 Meas. 6
19 20 23 rept accuracy 24

Depth cased: _____ ft Casing type: _____; Diam. _____ in _____
(first perf.) 25 28

Finish: (C) porous concrete, (F) gravel v. (G) gravel w. (H) horiz. (I) open (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other None
(perf.), (screen), gallery, end, other 31

Method: (A) air bored, (B) cable, (C) dug, (D) hyd. rot., (J) jetted, (P) air percussion, (R) reverse, (T) trenching, (U) driven, (W) drive wash, (Z) other H
rot., rot., percuss, rotary, wash, other 32

Date Drilled: 1941 9 4 1 Pump intake setting: _____ ft _____
33 35 36 38

Driller: Layne Central

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 _____
(cent.) (turb.) 39 40

Power (type): nat diesel, elec, gas, gasoline, hand, gas, wind; LP H.P. _____ Trans. or meter no. _____
41

Descrip. MP _____ above _____ ft below _____ LSD. Alt. MP _____

Alt. LSD: 130 Accuracy: (source) 3 47

Water Level _____ ft above _____ ft below MP; _____ ft below LSD Accuracy: _____ 52

Date meas: _____ Yield: _____ gpm _____ Method determined _____
53 55 56 58 60 61

Drawdown: _____ ft _____ Accuracy: _____ Pumping period _____ hrs _____
62 64 65 66 68

QUALITY OF WATER DATA: Iron _____ ppm Sulfate _____ ppm Chloride _____ ppm Hard. _____ ppm
69 70 71 72

Sp. Conduct _____ K x 10⁶ Temp. _____ °F _____ Date sampled _____
73 74 76 77 79

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: Coastal Plain 03 Section: Miss. River

alluvial plain E Drainage Basin: 15 I Subbasin: 26

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) offshore, pediment, hillside, terrace, undulating, valley flat, (V) 27

MAJOR AQUIFER: Tertiary system, Eocene series, TE Cockfield aquifer, formation, group, C0

Lithology: coarse sand 45 Origin: Deltaic 3 Aquifer Thickness: agg. 66 ft

66 Length of well open to: none ft 38 40 Depth to top of: 49 ft

MINOR AQUIFER: Quaternary system, Pleistocene series, 44 45 Miss. River alluvium aquifer, formation, group, 46 47

Lithology: sand-gravel alluvium 48 49 Origin: Fluvial 50 Aquifer Thickness: 74 ft

51 Length of well open to: 0 ft 54 56 Depth to top of: 35 ft 57 59

Intervals Screened: none

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

Depth to basement: 65 68 Source of data: 69

Surficial material: 70 71 Infiltration characteristics: 72

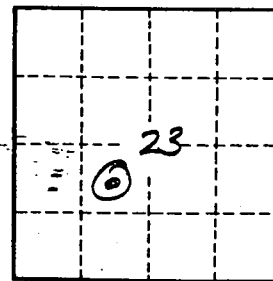
Coefficient Trans: 73 75 Coefficient Storage: 76 78

Coefficient Perm: 73 75 Spec cap: 76 78 Number of geologic cards: 79

Test hole for Air Base water supply

See A25 and A26

two wells made at base



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