

WRD Exp. (GW)
April 1966

Well No. A27

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION FIELD OFFICE
ROLLA COMPUTATION BRANCH

MASTER CARD

Record by B.E. Wasson Source of data _____ Date 5-11-60 Map _____

State Mississippi County (or town) Washington Sequential number: 76

Latitude: 33° 26' 52" N Longitude: 091° 02' 05" W Sequential number: 1

Lat-long accuracy: 2 T. 19 S. R. 8 E. Sec 33, NE 1/4, SW 1/4

Local well number: A027AC3319N08W Other number: _____ B & M

Local use: _____ Owner or name: City of Greenville

Owner or name: GREENVILLE Address: Greenville Miss

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, Rec, (S) Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other P-U

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

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

Hyd. lab. data: _____

Qual. water data; type: _____

Freq. sampling: none Pumpage inventory: yes no, period: _____

Aperture cards: _____ yes

Log data: Drillers D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 445 ft 445 Meas. 3

Depth cased; (first perf.): 405 ft 405 Casing galv; Diam. 6, 4 in 6

Finish: porous concrete, gravel w. (perf.), gravel w. (screen), horiz. gallery, end, S

Method Drilled: (A) air bored, (B) cable, (C) dug, (D) hyd, (E) jetted, (F) air reverse, (G) percussion, (H) rotary, (I) trenching, (J) driven, (K) wash, (L) other H

Date Drilled: 6-10-53 953 Pump intake setting: 95 ft 95

Driller: Bailey Drilling Co. Greenville Miss.

Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple, (F) multiple, (G) none, (H) piston, (I) rot, (J) submerg, (K) turb, (L) other T Deep Shallow

Power (type): diesel, elec, nat, gas, gasoline, hand, gas, wind; H.P. 10 Trans. or meter no. U

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

Alt. LSD: 122 122 Accuracy: topo 3

Water Level: 45 ft above below MP; Ft. below LSD 45 Accuracy: reported 1953 D

Date meag: 6-53 653 Yield: 125 gpm 125 Method R+ determined 61

Drawdown: _____ ft Accuracy: _____ Pumping period _____ hrs _____

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

Sp. Conduct 500 K x 10⁶ 3 Temp. 69.5 °F 70 Date sampled _____

Taste, color, etc. _____

DS = 285

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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: 15I Subbasin:

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

MAJOR AQUIFER: Tertiary, Eocene TE Cockfield CØ

Lithology: Unconsolidated sand US Origin: Deltaic 3 Aquifer Thickness: > 146 ft

Length of well open to: 40 ft 40 Depth to top of: 300 ft 300

MINOR AQUIFER: aquifer, formation, group aquifer, formation, group

Lithology: Origin: Aquifer Thickness:

Length of well open to: ft ft ft

Intervals Screened: 405 - 445 ft 40' x 4" ss screen

Depth to consolidated rock: ft Source of data:

Depth to basement: ft Source of data:

Surficial material: Infiltration characteristics:

Coefficient Trans: gpd/ft Coefficient Storage:

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

Reworked by Layne in 1956.

Layne Turbine

WL 45 ft 1956

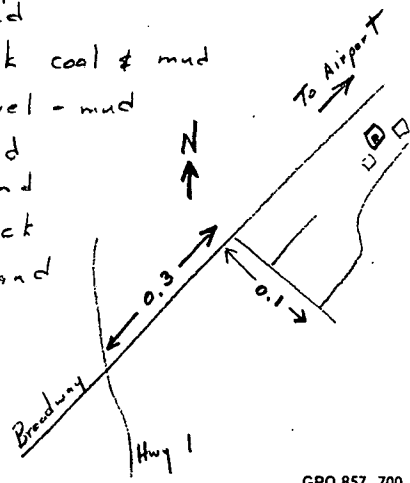
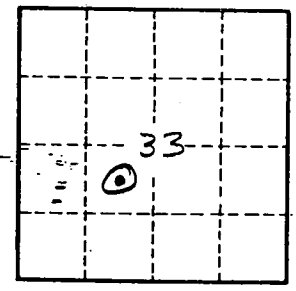
5,000 gallon pressure tank
149 gpm @ 50 lb pressure

6" to 105' (pipe)
4" to 300' (pipe)
4" 40' (screen)

90 ft of 4" column
and 5 ft tailpipe

Log

- 0-12 Clay
- 12-65 Sand
- 65-82 Black coal & mud
- 82-93 Gravel - mud
- 93-300 Mud
- 300-343 Sand
- 343-343½ Rock
- 343½-446 Sand



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Formerly: Verden Lumber & Steel Co., Greenville