

PUNCHED and VERIFIED  
ROLLA COMPUTATION BRANCH

WRD Exp. (GW)  
April 1966

Well No. D 82

### WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

#### MASTER CARD

Record by W.T. Oakley Source of data driller Date 1-30-68 Map \_\_\_\_\_

State MISSISSIPPI 28 County (or town) WASHINGTON 76

Latitude: 33<sup>deg</sup> 22<sup>min</sup> 27<sup>sec</sup> N Longitude: 09<sup>deg</sup> 10<sup>min</sup> 01<sup>sec</sup> W Sequential number: 1

Lat-long accuracy: 2 T. 18 S, R 8 Sec 28, SW  $\frac{1}{4}$ , NW  $\frac{1}{4}$ , SW  $\frac{1}{4}$  (SW, NW, SW, 26) B & M

Local well number: 00823C2818N08W Other number: \_\_\_\_\_

Local use: \_\_\_\_\_ Owner or name: ELLIS RIVERS

Owner or name: ELLIS RIVERS Address: Greenville, Miss.

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

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (G) Dom, (H) Irr, (I) Med, (J) P S, (K) Rec, (L) Stock, (M) Instit, (N) Unused, (O) Repressure, (P) Recharge, (Q) Desal-P S, (R) Desal-other, (S) Other H

Use of well: (A) Anode, (B) Drain, (C) Seismic, (D) Heat Res, (E) Obs, (F) Oil-gas, (G) Recharge, (H) Test, (I) Unused, (J) Withdraw, (K) Waste, (L) Destroyed W

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

Hyd. lab. data: \_\_\_\_\_

Qual. water data; type: \_\_\_\_\_

Freq. sampling: \_\_\_\_\_ Pumpage inventory:  yes, no, period: \_\_\_\_\_

Aperture cards: \_\_\_\_\_

Log data: \_\_\_\_\_

#### WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 460 ft Meas. 460 accuracy 3

Depth cased; (first perf.): 435 ft Casing type: galv.; Diam. 4.32 in 4

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (I) open end, (J) open perf., (K) screen, (L) sd-pt., (M) shored, (N) open hole, (O) other S

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

Date Drilled: 12-31-65 965 Pump intake setting: 94 ft 94

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) submers, (K) turb, (L) other S Deep  Shallow

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P. 2 Trans. or meter no. T

Descrip. MP \_\_\_\_\_ ft above below LSD, Alt. MP \_\_\_\_\_

Alt. LSD: \_\_\_\_\_ Accuracy: (source) 3

Water Level: 50 ft above below MP; Ft below LSD 50 Accuracy: \_\_\_\_\_

Date meas: 12-31-65 065 Yield: \_\_\_\_\_ gpm \_\_\_\_\_ Method determined \_\_\_\_\_

Drawdown: \_\_\_\_\_ ft Accuracy: \_\_\_\_\_ Pumping period \_\_\_\_\_ hrs \_\_\_\_\_

QUALITY OF WATER DATA: Iron \_\_\_\_\_ Sulfate \_\_\_\_\_ Chloride 20 \_\_\_\_\_ Hard. \_\_\_\_\_

Sp. Conduct 520 K x 10<sup>6</sup> 4 Temp. 69 °F 69 Date sampled 168

Taste, color, etc. \_\_\_\_\_

DS = 328

Well No. D 82

Latitude-longitude N  
S  
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: Coastal Plain Section: Miss River

alluvial plain Drainage Basin: E Subbasin: 15I

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

MAJOR AQUIFER: TE Cockfield CΦ

Lithology: Unconsolidated sand US Origin: Deltaic 3 Aquifer Thickness: \_\_\_\_\_ ft

4.0 Length of well open to: 25 ft 2.5 Depth to top of: \_\_\_\_\_ ft 42.0

MINOR AQUIFER: Quat Pleist Miss River alluv

Lithology: sd-grl alluv Origin: Fluv 80 Aquifer Thickness: \_\_\_\_\_ ft

0 Length of well open to: 0 ft 30 Depth to top of: \_\_\_\_\_ ft

Intervals Screened: 435' - 460' 25' x 2 1/2" ss 10 ga.

Depth to consolidated rock: \_\_\_\_\_ ft Source of data: \_\_\_\_\_

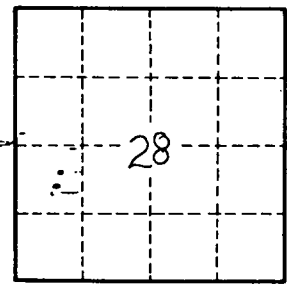
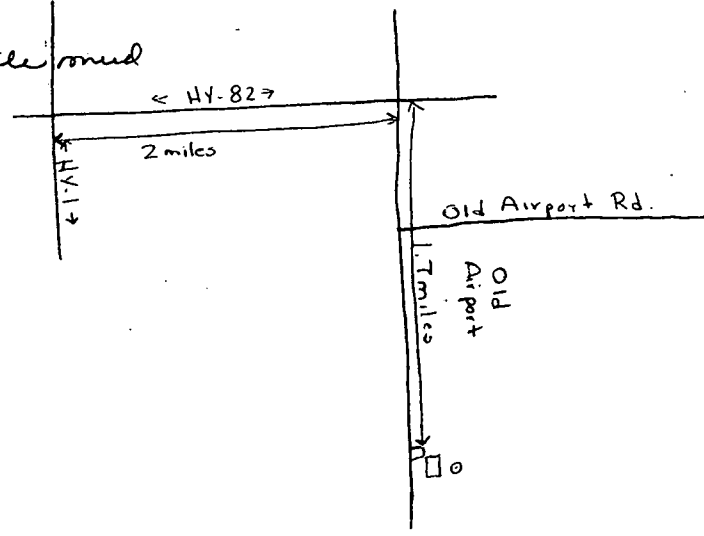
Depth to basement: \_\_\_\_\_ ft Source of data: \_\_\_\_\_

Surficial material: \_\_\_\_\_ Infiltration characteristics: \_\_\_\_\_

Coefficient Trans: \_\_\_\_\_ Coefficient Storage: \_\_\_\_\_

Coefficient Perm: \_\_\_\_\_ Spec cap: \_\_\_\_\_ gpm/ft; Number of geologic cards: \_\_\_\_\_

- 0-30 clay
- 30-80 sand
- 80-110 gravel
- 110-370 mud
- 370-393 - sand + mud
- 393-394 - rock
- 394-410 - sand + little mud
- 410-412 - mud
- 412-420 - sand + a little mud
- 420-460 - sand
- 460-473 - mud



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