

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

WRD Exp. (GW)
April 1966

Well No. D79

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by WT. Oakley Source of data Owner - driller Date 1-25-68 Map

State Mississippi County Washington 7:6

Latitude: 33 22 30 N Longitude: 09 10 42 1 Sequential number: 1

Lat-long accuracy: 2 T. 18 S. R. 8 Sec 32 NW SW (NW SW 30)

Local well number: D079BC3218NO9W Other number:

Local use: _____ Owner or name: Hodding Carter

Owner or name: HARDING CARTER Address: Greenville Miss.

Ownership: (C) County, Fed Gov't, City, Corp or Co, (P) Private, (S) State Agency, Water Dist _____

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

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (I) Obs, (J) Oil-gas, (K) Recharge, (L) Test, (M) Unused, (N) Withdraw, (O) Waste, (P) Destroyed _____

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: _____ yes

Log data: drillers log 0'-515'

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 494 ft 494 Meas. accuracy 6

Depth cased: (first perf.) 464 ft 464 Casing type: _____; Diam. 4 3 in 4

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

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd rot, (I) jetted, (J) air percussion, (K) rotary, (L) reverse trenching, (M) driven, (N) wash, (O) other _____

Date Drilled: 4-17-50 950 Pump intake setting: 70 ft 70

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 _____ Deep Shallow

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P. _____ 5 Trans. or meter no. _____

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

Alt. LSD: 125 Accuracy: (source) _____ 3

Water Level 60 ft above _____ ft below MP; Ft below LSD 60 Accuracy: rept _____

Date meas: 1-25-68 168 Yield: 75 gpm 75 Method Rpt determined _____

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

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

Sp. Conduct 690 K x 10⁶ 4 Temp. 68 °F 68 Date sampled 168

Taste, color, etc. _____

DS x 414

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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, (V) valley flat
 (C) (E) (F) (H) (K) (L) (O) (P) (S) (T) (U) (V)

MAJOR AQUIFER: Tertiary, Eocene TE aquifer, formation, group CΦ

Lithology: Unconsolidated sand U5 Origin: Deltaic 3 Aquifer Thickness: > 46 ft

Length of well open to: 30 ft 30 30 Depth to top of: 369 ft 369 369

MINOR AQUIFER: Quaternary, Pleistocene Miss. River alluvium 46 47

Lithology: sand-gravel alluvium Origin: Fluvial Aquifer Thickness: 82 ft

Length of well open to: 0 ft 0 0 Depth to top of: 8 ft 8 8

Intervals Screened: 468' - 498 30' x 3" Brass wire wrapped ribbed #10

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

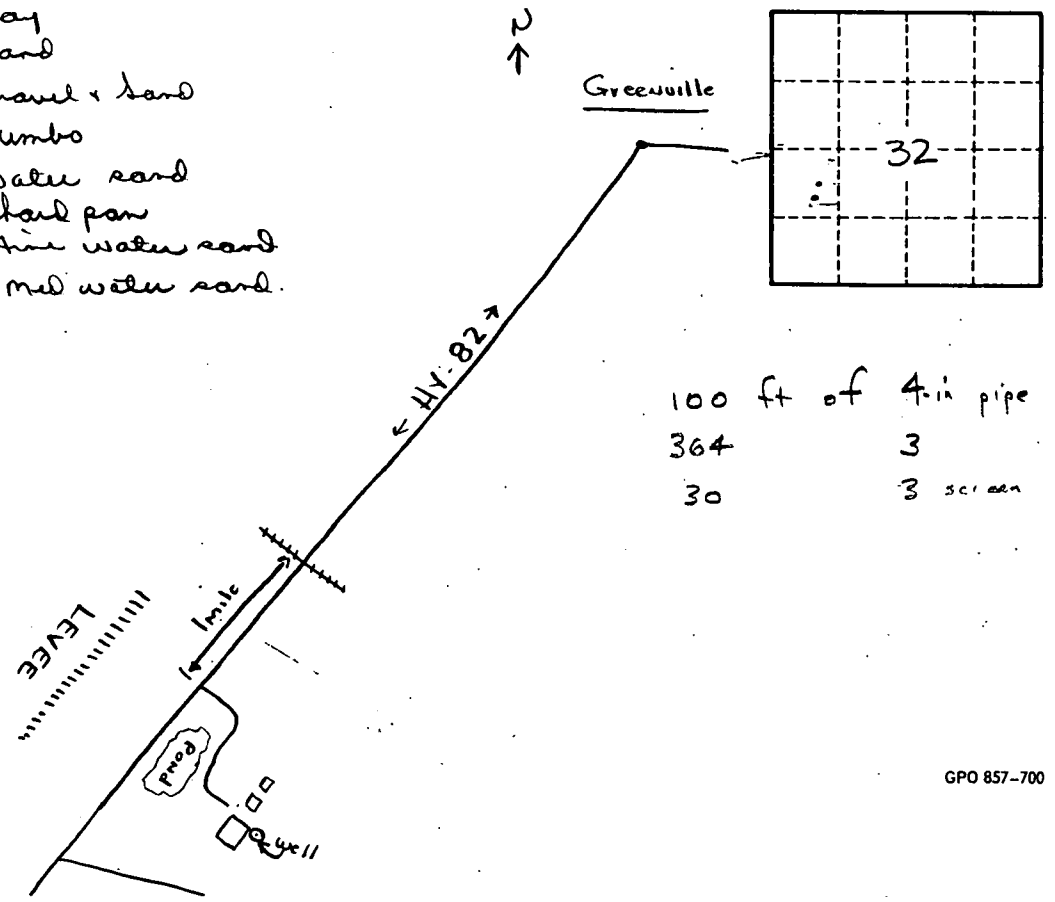
Depth to basement: _____ ft Source of data: 69

Surficial material: Infiltration characteristics: 72

Coefficient Trans: _____ gpd/ft Coefficient Storage: 76 78

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

- 0-8 clay
- 8-65 sand
- 65-90' gravel & sand
- 90-205 gumbo
- 205-320' water sand
- 320-369' hard pan
- 369-410' fine water sand
- 410-515' med water sand.



100 ft of 4 in pipe
 364 3
 30 3 screen

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