

WRD Exp. (GW)
April 1966

Well No. D 83

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

MASTER CARD

Record by WT. Oakley Source of data driller Date 1-30-68 Map _____

State MISSISSIPPI County WASHINGTON (or town) 76

Latitude: 33° 21' 37" N Longitude: 09° 10' 41" W Sequential number: 1

Lat-long accuracy: 2 T. 18 S. R. 8 Sec 33, NE SW (NE, SW, 31)

Local well number: D083BD3318N08W Other number: _____

Local use: _____ Owner or name: LEROY PERCY

Owner or name: LEROY PERCY Address: Bayou Rd 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, (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 H

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

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

Hyd. lab. data: _____

Qual. water data; type: USGS Complete

Freq. sampling: Original Pumpage inventory: yes no, period: _____

Aperture cards: _____ yes

Log data: drillers log

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 503 ft Meas. 503 accuracy 6

Depth cased; (first perf.): 483 ft Casing type: Galu.; Diam. 4 2 1/2 in 4

Finish: (C) porous concrete, (T) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (O) open end, (P) perf., (S) screen, (X) 20' x 2" ss 10' x 1" ss, (Z) shored, open hole, other S

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

Date Drilled: 6-5-67 967 Pump intake setting: 105 ft 105

Driller: Bailey Drilling Co., Greenville Miss.

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

Power (type): (diesel), (elec), (gas), (hand), (LP), (gas), (wind), (H.P.) 3 Trans. or meter no. _____

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

Alt. LSD: 125 Accuracy: (source) 3

Water Level: 62.8 ft above below MP; Ft below LSD 63 Accuracy: meas. A

Date meag: 1-68 168 Yield: 40 gpm 40 Method determined 61

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

QUALITY OF WATER DATA: Iron _____ Sulfate _____ Chloride 80 Hard. _____

Sp. Conduct 820 K x 10⁶ 4 Temp. 65 °F 65 Date sampled Feb. 19, 1968 268

Taste, color, etc. Field PH = 8.4

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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 Section: Miss River

alluvial Plain Drainage Basin: 115 I Subbasin:

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

MAJOR AQUIFER: system: TE series: Cockfield aquifer, formation, group: C φ

Lithology: Unconsolidated sand Origin: Deltaic Aquifer Thickness: 3 ft

Length of well open to: 20 ft Depth to top of: 425 ft

MINOR AQUIFER: system: Quat series: Pleist aquifer, formation, group: Miss. River alluvium

Lithology: sd alluv Origin: Fluv Aquifer Thickness: 50 ft

Length of well open to: 0 ft Depth to top of: 40 ft

Intervals Screened: 483' - 503' 20' 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: gpd/ft Coefficient Storage:

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

0-40 - clay
40-90 - sand
90-425 - mud
425-503 - sand

