

WRD Exp. (GW)
April 1966

Well No. C6

WR 22 1975
PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

WELL SCHEDULE
GEOLOGICAL SURVEY

E. log # 27
WATER RESOURCES DIVISION

U. S. DEPT. OF THE INTERIOR

MASTER CARD

Record by D. Edverson Source of data olm. Date 7-27-67 Map

State Miss County (or town) Lawrence

Latitude: 31° 39' 09" N Longitude: 090° 12' 11" W Sequential number: 1

Lac-long accuracy: 2 T. 8 S. R. 10 W. Sec. 21 NE 4 NE 4 NW

Local well number: C 0 0 6 B A 2 1 0 8 N 1 0 E Other number: B & M

Local use: 0 6 4 0 2 7 7 6 7 4 6 Owner or name: Sontag - Vanilla Water Asso

Owner or name: S O N T A G - W A N I L L A Address: Sontag, Miss

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

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Res, Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other P

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

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

Hyd. lab. data:

Qual. water data; type:

Freq. sampling: None Pumpage inventory: period:

Aperture cards:

Log data: Elog # 27 2-891 A DE

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 837 ft Meas. accuracy 6

Depth cased: 779 ft Casing type: steel; Diam. 10 in

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

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

Date Drilled: June 1967 Pump intake setting: 9 6 7 ft

Driller: Layne Central, Jackson, 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

Power (type): (A) diesel, (B) gas, (C) gasoline, (D) hand, (E) gas, (F) wind; H.P. 15 Trans. or meter no. U

Descrip. MP vent at 210' 278 ft above/below LSD. Alt. MP 281 ft

Alt. LSD: 281 Accuracy: baro (alt.)

Water Level: 60.54 ft above/below MP. Ft. below LSD 5.8 Accuracy: typed

Date meas: July 27, 1967 Yield: 201 gpm Method determined 6

Drawdown: 33 ft Accuracy: typed Pumping period: 0 hrs

QUALITY OF WATER DATA: Iron ppm 0 Sulfate ppm 0 Chloride ppm 0 Hard. ppm 0

Sp. Conduct K x 10⁶ 76 Temp. 76 °F Date sampled 7 6

Taste, color, etc.

11/9/81
Pump off 1500
1503
100-1140
1506
101-4.3
1513 101-5.47
5.47
95.53
2
93.53
281
94
187
9/28/82
92.10

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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: East Gulf Coastal

Plain D Drainage Basin: 13V Subbasin: 26

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

MAJOR AQUIFER: Tertiary, Miocene TM Catahoula SS CA

Lithology: unconsolidated sands U5 Origin: Deltaic 3 Aquifer Thickness: 50 ft

50 Length of well open to: 50 ft 50 Depth to top of: 780 ft 780

MINOR AQUIFER: aquifer, formation, group Aquifer Thickness: 50 ft

Lithology: Origin: 3 ft

50 Length of well open to: 50 ft 50 Depth to top of: 780 ft 780

Intervals Screened: 787-837 ft 50 ft SS series

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

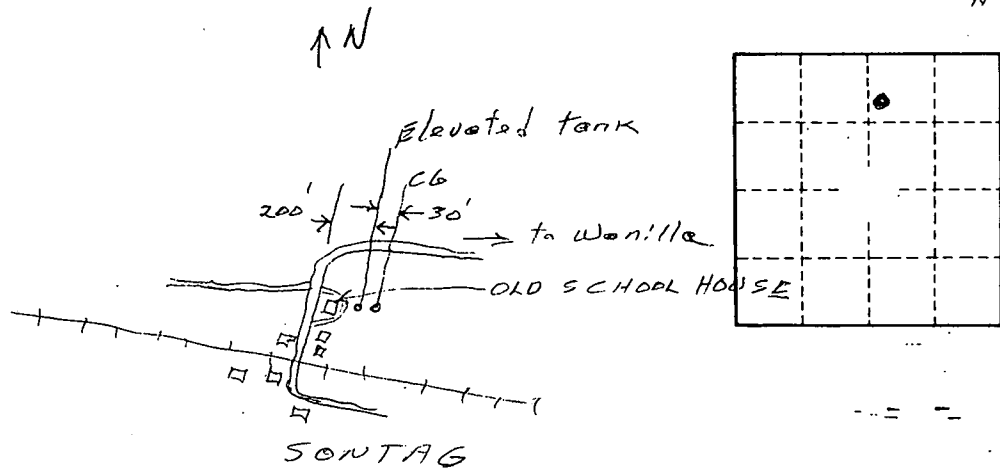
Depth to basement: 65 ft Source of data: 69

Surficial material: Infiltration characteristics: 72

Coefficient Trans: 10000 gpd/ft 602 Coefficient Storage: 76

Coefficient Perm: 120 gpd/ft²; Spec cap: 4.6 gpm/ft; Number of geologic cards: 79

5/13/96
WL 118.5



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