

GW-1607

WRD Exp. (GW)
April 1966

Well No.

D42 permitted
E 109 #49

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

MASTER CARD

154-B

WL Data
11/30/82
WT - 103.50
159.5

Record by P.E. Grantham Source of data Drv. & E Log Date 11-13-68 Map Starkville Quad

State Mississippi 28 County Oktibbeha 53
(or town)

Latitude: 32^{deg} 28^{min} 33^{sec} N Longitude: 088^{deg} 45^{min} 75^{sec} W
Sequential number: 1

Lat-long accuracy: 3 T. 19 S, R. 15 W, Sec. 32 NE 1/4, NE 1/4, NW 1/4

Local well number: D042AB3219A15E Other number: _____

Local use: 021049 Owner or name: Clayton Village Wtr. Assoc

Owner or name: CLAYTON VILLAGE Address: _____

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

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 P

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.: Field aquifer char.

Hyd. lab. data: _____

Qual. water data; type: USGS 6/77

Freq. sampling: 5 Pumpage-inventory: yes no period: _____

Aperture cards: _____ yes

Log data: E Log 808-1208 D E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1086 ft Meas. 3

Depth cased: (first perf.) 1026 ft Casing type: Steel; Diam. 5X8 in 8

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

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

Date Drilled: 11-68 9:6:8 Pump intake setting: _____ ft 36 38

Driller: Herndon Homan Drilling Co address _____

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): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind; H.P. 25 Trans. or meter no. _____

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

Alt. LSD: 263 263 Accuracy: (source) 4

Water Level 80 ft above below MP; Ft. above below LSD 92 Accuracy: 4

Date meas: 677 Yield: _____ gpm 250 Method determined 61

Drawdown: _____ ft Accuracy: _____ hr 66 68

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

Sp. Conduct 170 K x 10⁶ _____ Temp. 25.8 Date sampled 677 79

Taste, color, etc. pH = 7.9

9/15/78
WL: 94.80
168.2

NOV/1968 WL BY DRILLER = 80 FT BELOW 2ND

Well No.

D42

10/20/92
 WL 118.46

Well No. D42

Latitude-longitude N
S
 d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: 03 Section: _____

Drainage Basin: 13E Subbasin: _____

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

MAJOR AQUIFER: system _____ series K3 aquifer, formation, group Gφ

Lithology: US Origin: 2 Aquifer Thickness: 119 ft *pass. more*

Length of well open to: 119 ft Depth to top of: 1007 ft A.O.I.

MINOR AQUIFER: system _____ series _____ aquifer, formation, group _____

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

Length of well open to: _____ ft Depth to top of: _____ ft

Intervals Screened: 5" S.S.

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: _____

Artis Goodwin

12-6-90
 MP = 2.2'
 Hold = 125'
 cut = 4.71
 118.09
 144.91 > 5L

