

GPSd 12/4/96 PP/DH

WRD Ex., (GW)
April 1966

Well No. D4

E Log # 38

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by P.E. Grantham Source of data E Log + Drlr. Date 3-12-68 Map Pittsboro

State Mississippi 3 2 8 County (or town) Calhoun 8 0 7

Latitude: 33 59 48 N Longitude: 0 89 20 3 W Sequential number: 11

Lat-long accuracy: 20 T. 12 S. R. 1 E. Sec. 31 SW 1/4. SENE, NW 1/4

Local well number: 0004063112501W Other number: B & M

Local use: 064038 Owner or name: City of Bruce

Owner or name: BRUCE Address: Bruce Miss

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

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (S) Stock, Instit, Unused, 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.: Field aquifer char.

Hyd. lab. data:

Qual. water data; type:

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

Aperture cards:

Log data: E Log 10-1880

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: TD = 1854' ft 1850 Meas. accuracy 3

Depth cased; (first perf.) 1790 ft Casing type: Steel; Diam. 12 in

Finish: porous concrete, gravel w. (perf.), gravel w. (screen), horiz. open end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other G

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

Date Drilled: 3-68 Pump intake setting: 968 ft

Driller: Layne Central Co. Memphis Tenn

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 T Deep Shallow

Power (type): nat, LP, diesel, elec, gas, gasoline, hand, gas, wind; H.P. 50 Trans. or meter no. 342

Descrip. MP Air vent 342 (10/89) 2.0 ft above below LSD. Alt. MP 330

Alt. LSD: 330 Accuracy: T

Water Level 131.2 ft above below MP; Ft above below LSD 129 Accuracy: D

Date meas: 8/4/71 Yield: 871 gpm 350 Method determined 3

Drawdown: 3 ft Accuracy: 3 Pumping period 3 hrs

QUALITY OF WATER DATA: Iron 875 ppm Sulfate 91 ppm Chloride 325 ppm Hard. 3 ppm

Sp. Conduct 875 K x 10⁶ Temp. 91 °F Date sampled 3/25

Taste, color, etc.

contacted
11/29/76
JAC

Water Level
11/19/82
WL = 154.5

1987

WL = 159

10/25/78
WL = 145.00
11/19/82
WL = 154.5

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

Well No.

D4

Well No. D4

Latitude-longitude _____

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD

Physiographic Province: _____

03 Section: _____

D Drainage Basin: _____

156 Subbasin: _____

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

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

Lithology: _____ Origin: 2 Aquifer Thickness: _____ ft

Length of well open to: 46 ft _____ Depth to top of: 1800 ft A80

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: 7790 - 1850 ft 60" x 6" ss screen

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

Depth to basement: _____ ft _____ Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

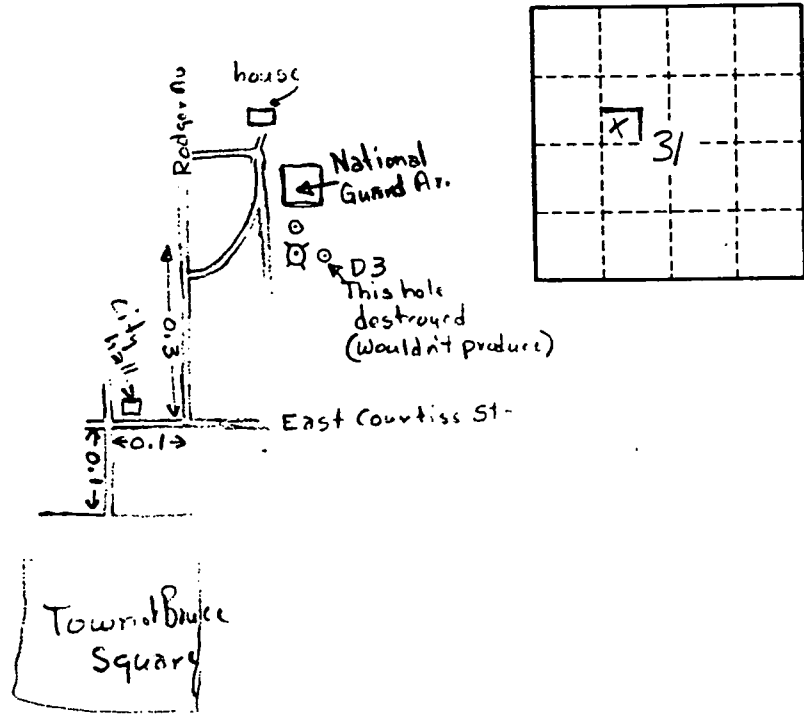
Coefficient Trans: _____ gpd/ft _____ Coefficient Storage: _____

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

- K3 680'
- K3A1 1375'
- K3F1 1482'
- K3H3 1715' ?
- K3G0 1784'

WL 128 5/68

MP = air vent @ 2'



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