

WELL SCHEDULE

E-log # 19

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by PEG Source of data driller Date 3/63 Map BRUCE-112B

State 28 County Calhoun

Latitude: 33° 54' 0" N Longitude: 089° 19' 14" W Sequential number: 1

Local well number: G0082D3213501W Other number: B & H

Local use: 053019 Owner or name: Mitchell Turner

Owner or name: GLENN BROWN Address: Calhoun City

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

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

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: USGS 11-12-63 C

Freq. sampling: Pumpage inventory: no. period:

Aperture cards: yes

Log data: E-log 40-1405 E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 175.6 ft Meas. 3

Depth cased: 165.6 ft Casing type: 4x2 in 4

Finish: (C) porous concrete, (F) gravel w. (H) gravel w. (Ø) horz. open end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open, (B) other P

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) drive wash, (B) other H

Date Drilled: 9.6.3 Pump intake setting: 12.5 ft

Driller: T.M. PARKS

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

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

Descrip. MP OK (12/89) ft above below LSD, Alt. MP

Alt. LSD: 340 Accuracy: topo

Water Level: 340 ft above below MP; Ft below LSD Accuracy: topo

Date meas: 115 Yield: 115 gpm Method determined 1

Drawdown: 340 ft Accuracy: topo Pumping period: 1 hrs

QUALITY OF WATER DATA: Iron 28 ppm Sulfate 0.0 ppm Chloride 188 ppm Hard. 16 ppm

Sp. Conduct 1040 K x 10⁶ Temp. 5 °F Date sampled 5

Taste, color, etc. iron stain, clear

DH/JC
5/30/91
210.00
40.28
169-72

mp=GL

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

DS = 590

Well No. 68

Latitude-longitude _____

HYDROGEOLOGIC CARD

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

Drainage Basin: D Subbasin: 15G

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) (F) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z) _____

MAJOR AQUIFER: K3 Eutaw EU

Lithology: S Origin: 6 Aquifer Thickness: _____ ft

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

MINOR AQUIFER: _____

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

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

Intervals Screened: 1656-1756 100 ft

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: _____

220
45
17
18

1000 ft of 4 inch casing

Selma @ 662 ft
 Arcola @ 1370 ft
 Eutaw @ 1470[±] ft (estimate)
 -1480

