

WELL SCHEDULE

E log # 42

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by WTO Source of data BOWC MSGS Date 8/70 Map _____

State 28 County (or town) Yalobusha 811

Latitude: 33° 54' 57" N Longitude: 089° 53' 28" W Sequential number: 1

Lat-long accuracy: 2 T. 23 S. R. 30 W. Sec. 28 NE, SW, SW

Local well number: J021CC2824N04E Other number: _____ B & M

Local use: 002042 Owner or name: _____

Owner or name: GRENA DA SD - GRAV Address: GRENA DA, 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, Rec, (S) Stock, (T) Instit, (U) Unused, (V) Recharge, (W) Desal-P S, (X) Desal-other, (Y) Other N

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (I) Obs, (J) Oil-gas, (K) Recharge, (L) Test, (M) Unused, (N) Withdraw, (O) Waste, (P) 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: yes

Log data: Elog 100' - 444' DE

ROLLA COMPUTATION BRANCH

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 470 ft Meas. rept accuracy 3

Depth cased (first perf.): 410 ft Casing type: BIK STEEL; Diam. 13 in

Finish: (C) porous concrete, (F) gravel w. (perfor.), (G) gravel w. (screen), (H) horiz. gallery, (I) open end, (J) open perf., (K) screen, (L) sd. pt., (M) shored, (N) open hole, (O) other 5

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

Date Drilled: 970 Pump intake setting: _____ ft

Driller: R. RATLIFF

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): diesel, (elec) gas, gasoline, hand, gas, wind; H.P. 125 Trans. or meter no. W

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

Alt. LSD: 320 Accuracy: Topo 4

Water Level: 154 ft above MP; Ft below LSD 154 Accuracy: D

Date meas: 870 Yield: 1000 gpm Method determined 61

Drawdown: _____ ft Accuracy: _____ Pumping period _____ hrs

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

Sp. Conduct _____ K x 10⁶ Temp. _____ °F Date sampled _____

Taste, color, etc. _____

Well No.

521

Well No. _____

J 21

Latitude-longitude _____

N
S

d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD

Physiographic Province: _____

03

Section: _____

D

Drainage Basin: _____

15F

Subbasin: _____

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

MAJOR AQUIFER:

TE

MM

M:W

Lithology: _____

S

Origin: _____

2

Aquifer

Thickness: 2795 ft

Length of well open to: _____ ft

60

Depth to top of: _____ ft

c-109

375

MINOR AQUIFER:

Lithology: _____

Origin: _____

Aquifer

Thickness: _____ ft

Length of well open to: _____ ft

Depth to top of: _____ ft

Intervals Screened: 8:5:5

Depth to consolidated rock: _____ ft

Source of data: _____

Depth to basement: _____ ft

Source of data: _____

Surficial material: _____

Infiltration characteristics: _____

Coefficient Trans: _____ gpd/ft

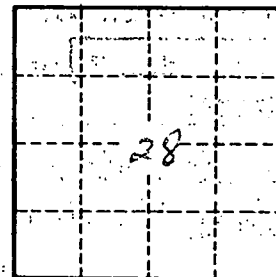
Coefficient Storage: _____

Coefficient Perm: _____ gpd/ft²

Spec cap: _____

Number of geologic cards: _____

Clay, gravel 0-109 ft
 Sandy clay 109-200
 Blue clay 200-390
 Good white sd 390-470



Well No.

J 21