

WELL SCHEDULE

E Log #45 **PUNCHED**

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MAR 20 1975

MASTER CARD

Record by WTO Source of data Bowc mscs Date 12/74 Map 9/74

State Miss County (or town) Lallahatchie

Latitude: 33° 51' 23" N Longitude: 090° 00' 29" W Sequential number: 1

Lat-long accuracy: 2 T 230 S, R 3 W, Sec 17 NE SE SW

Local well number: R004DEC1723N03E Other number: Well #2

Local use: 002045 Owner or name: CASCILLA WA

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

Use of Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, water: P

Use of well: 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:  period:

Log data: E log 2'-584'

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 580 Meas. accuracy 3

Depth cased: 550 Casing type: 12x4 Diam. 12

Finish: porous gravel w. gravel w. horiz. open perf., screen, sd. pt., shored, open hole, other C

Method (A) (B) (C) (D) (H) (J) (P) (R) (T) (V) (W) (X) (Z) H

Drilled: air bored, cable, dug, hyd jetted, air rot., percussion, rotary, reverse trenching, driven, drive wash, other

Date Drilled: 8-2-74 9-7-74 Pump intake setting: 20 ft

Driller: Ratliff

Lift (type): air, bucket, cent, jet, multiple, multiple, none, piston, rot, submerg, turb, other T Deep Shallow

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 20 Trans. or meter no. V

Descrip. MP 380 ft above below LSD, Alt. MP topo

Alt. LSD: 380 Accuracy: topo

Water Level: 220 ft above below MP; 220 ft below LSD Accuracy: D

Date meas: D74 Yield: 125 gpm Method determined

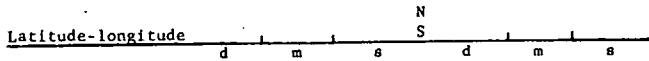
Drawdown: 360 ft Accuracy: 360 hrs

WATER DATA: Iron 0 Sulfate 0 Chloride 0 Hard. 0

Sp. Conduct 0 K x 10 0 Temp. 0 °F Date sampled 0

Taste, color, etc. 0

Well No. \_\_\_\_\_



HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: 03 Section: \_\_\_\_\_

D Drainage Basin: 1156 Subbasin: \_\_\_\_\_

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (P) offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER: TE aquifer, formation, group M:W

Lithology: S Origin: Z Aquifer Thickness: 30' ft

Length of well open to: \_\_\_\_\_ ft Depth to top of: 545 ft

MINOR AQUIFER: \_\_\_\_\_ aquifer, formation, group \_\_\_\_\_

Lithology: \_\_\_\_\_ Origin: \_\_\_\_\_ Aquifer Thickness: \_\_\_\_\_ ft

Length of well open to: \_\_\_\_\_ ft Depth to top of: \_\_\_\_\_ ft

Intervals Screened: \_\_\_\_\_

Depth to consolidated rock: \_\_\_\_\_ ft Source of data: \_\_\_\_\_

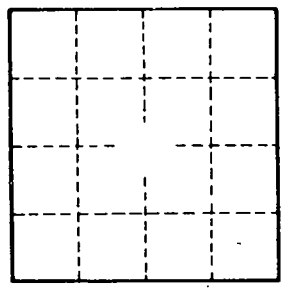
Depth to basement: \_\_\_\_\_ ft Source of data: \_\_\_\_\_

Surficial material: \_\_\_\_\_ Infiltration characteristics: \_\_\_\_\_

Coefficient Trans: \_\_\_\_\_ gpd/ft Coefficient Storage: \_\_\_\_\_

Coefficient Perm: \_\_\_\_\_ gpd/ft<sup>2</sup>; Spec cap: \_\_\_\_\_ gpm/ft; Number of geologic cards: \_\_\_\_\_

(4")  
Top of Cap 419'



- B-35 Top Soil
- 35-145 Gravel
- 145-240 hard Clay
- 240-270 Sdy Shale
- 270-320 Clay
- 320-340 Sdy Shale
- 340-375 Clay
- 375-410 Sand
- 410-463 Sl + shale
- 463-500 Sdy shale

- 500-542 Clay + Sdy Shale
- 542-580 Sl
- 580-585 Clay

540' casing  
12" casing

30' screen