

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

ROLLA COMPUTATION BRANCH

MASTER CARD

Record by _____ Source of data Driv log Date _____ Map _____

State Mississippi 28 County Washington 7:6
(or town)

Latitude: 33 20 45 N Longitude: 09 10 31 1 Sequential number: 2
deg min sec 12 degrees 15 min sec 18

Lat-long accuracy: 2 T. 17 S. R. 8 Sec 10 NE SW (NE SW S)
E W N S

Local well number: G054AC1017N08W Other number: _____

Local use: _____ Owner or name: H. T. Council

Owner or name: H T COUNCIL Address: Swiftwater

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

Use of water: Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, _____ H
(A) (B) (C) (D) (E) (F) (H) (I) (M) (N) (P) (R)
(S) (T) (U) (V) (W) (X) (Y) (Z)

Use of well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed _____ W
(A) (D) (G) (H) (I) (P) (R) (T) (U) (W) (X) (Z)

DATA AVAILABLE: Well data _____ Freq. W/L meas.: _____ 0 Field aquifer char. _____
70 71

Hyd. lab. data: _____ 73

Qual. water data; type: _____ 74

Freq. sampling: _____ Pumpage inventory: _____ yes _____ no _____ period: _____ 76

Aperture cards: _____ yes _____ 77

Log data: Driller's log to 543 _____ D 78 79

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 540 ft 540 Meas. accuracy _____ 3
19 20 23 repr

Depth cased; (first perf.) 500 ft 500 Casing type: Galv; Diam. 6,4 in _____ 6
25 28 29 30

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

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

Date Drilled: 7-13-51 951 Pump intake setting: _____ 60 ft _____ 60
33 35 36 38

Driller: Bailey Drlg Co _____

Lift (type): air, bucket, cent, jet, multiple, multiple, none, piston, rot, submerg, turb, other _____ T Deep _____ Shallow _____
(A) (B) (C) (J) (L) (M) (N) (P) (R) (S) (T) (Z) 39 40

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 10 _____ U Trans. or meter no. _____
nat LP 41

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

Alt. LSD: _____ 126 Accuracy: (source) _____ 3
42 45 47

Water Level _____ 25 ft above _____ ft below MP; Ft _____ 25 LSD Accuracy: Reported _____ D
48 51 52

Date mea: 7-51 _____ 751 Yield: _____ gpm _____ Method determined _____
53 55 56 60 61

Drawdown: _____ ft _____ Accuracy: _____ Pumping period _____ hrs _____
62 64 65 66 68

QUALITY OF WATER DATA: Iron _____ ppm _____ Sulfate _____ ppm _____ Chloride _____ ppm _____ Hard. _____ ppm _____
69 70 71 72

Sp. Conduct _____ K x 10⁶ _____ Temp. _____ °F _____ Date sampled _____
73 74 76 77 79

Taste, color, etc. _____

Well No. 654

HYDROGEOLOGIC CARD

NAME AS ON MASTER CARD Physiographic Province: Coastal Plain 03 Section: Miss. River

alluvial plain E Drainage Basin: 151 Subbasin: 26

of depression, stream channel, dunes, flat, hilltop, sink, swamp, site: (D) (C) (E) (P) (H) (K) (L) (V) offshore, pediment, hillside, terrace, undulating, valley flat 27

PERIOD: Tertiary, Eocene TE Cockfield C 0
system series aquifer, formation, group

Geology: unconsolidated sand US Origin: Deltaic 3 Aquifer Thickness: = 83 ft

Length of well open to: 40 ft 40 Depth to top of: 460 ft 460

PERIOD:
system series aquifer, formation, group

Geology: Origin: Aquifer Thickness: ft

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

Screen: 500-540 ft 40' x 4" SS screen 0.014

Depth to consolidated rock: ft Source of data:

Depth to aquifer: ft Source of data:

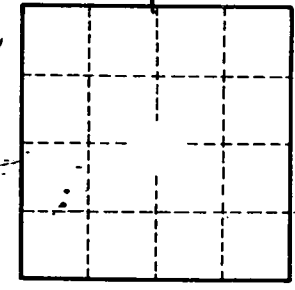
Infiltration characteristics:

Coefficient of storage:

Specific capacity:

Jacking turbine, 10 hp, 60 ft of 4" col. 11 stage 3 phase 150 gpm @ 162' total head
Previously D64

1.06 ft of 6-inch pipe
balance 4-inch pipe
40 ft 4" ss
2" wash valve plugged at bottom in 2" pipe (3' x 2" pipe)



100 yds S of Country Club on Hwy #1

WATER RESOURCES DIVISION
BIRMINGHAM OFFICE

Well No. 654