

TEST WELL

Jumpertown

FORM 9-1642 (1-68)

Well No. A 62

WELL SCHEDULE

E-109 # 62

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by GJD Source of data Dr. E-109 Date 4-4-75 Map Booneville Quad

State 28 County (or town) PRENTISS 59

Latitude: 37 42 23 N Longitude: 088 38 30 Sequential number: 1

Lat-long accuracy: 30 T. 4 S. R. 6 W. Sec 26, 12 degrees, 13 min, sec 18 NE, SW

Local well number: A062 AC2604S06W Other number: B & H.

Local use: 027068 Owner or name: Jumpertown Water Association

Owner or name: JUMPERTOWN WA Address: Jumpertown

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

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

Use of well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed T

DATA AVAILABLE: Well data 70 Freq. W/L meas.: 71 Field aquifer char. 72

Hyd. lab. data: 73

Qual. water data; type: 74

Freq. sampling: 75 Pumpage inventory: yes no; period: 76

Aperture cards: 77

Log data: E-109 30-640 Sampler D.E 78 79

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 19 ft 20 Meas. rept accuracy 24

Depth cased: (first perf.) 25 ft 26 Casing type: 27; Diam. in 29 30

Finish: porous concrete, gravel w. (perf.), (screen), horiz. gallery, end, open perf., screen, sd. pt., shored, open hole, other 31

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (E) hyd jetted, (F) air percussion, (G) rotary, (H) reverse, (I) trenching, (J) driven, (K) drive wash, (L) other 32

Date Drilled: 4-4-75 33 9:7:5 34 Pump intake setting: 35 ft 36 38

Driller: J.W. Webb & Son Inc. name address 39

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 40 Deep Shallow

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 41 Trans. or meter no. 42

Descrip. MP 43 AK(11/89) ft above below LSD, Alt. MP 44

Alt. LSD: 45 530 Accuracy: (source) 20 ft contour 47 5

Water Level 48 ft above below MP; Ft below LSD 49 Accuracy: 52

Date meas: 53 Yield: 54 gpm 55 Method determined 61

Drawdown: 62 ft 63 Accuracy: 64 Pumping period 65 hrs 66

QUALITY OF WATER DATA: Iron ppm 67 Sulfate ppm 68 Chloride ppm 69 Hard. ppm 72

Sp. Conduct K x 10 73 Temp. °F 74 Date sampled 75 76

Taste, color, etc. 77 78

Well No. A 62

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

Latitude-longitude \_\_\_\_\_

**HYDROGEOLOGIC CARD**

**SAME AS ON MASTER CARD** Physiographic Province: 03 Section: 497

Drainage Basin: D Subbasin: 16L

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

MAJOR AQUIFER: system \_\_\_\_\_ series \_\_\_\_\_ aquifer, formation, group \_\_\_\_\_

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

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

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: \_\_\_\_\_

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

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

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

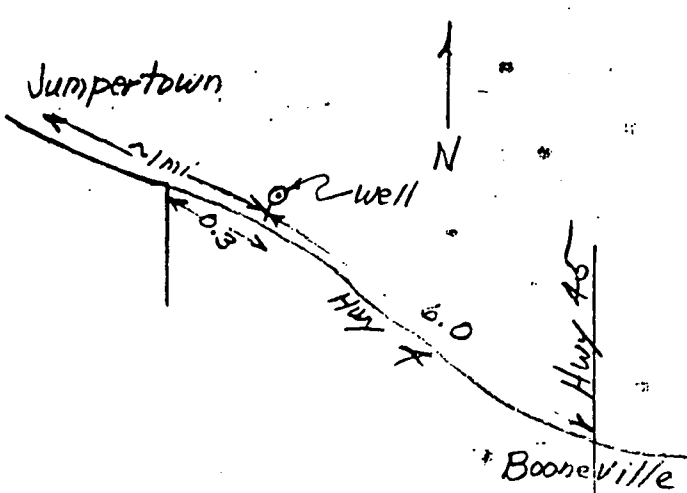
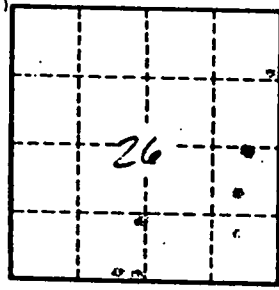
Coefficient Trans: \_\_\_\_\_ gpd/ft Coefficient Storage: \_\_\_\_\_

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

**Drillers Log**

Engineer: Donald Eubank  
Booneville, TN

- 0-10 Brown sdy soil
- 10-20 Tan cl
- 20-220 Blue marl
- 220-360 sdy bl marl
- 360-430 Gray sd
- 430 Rckr - 3 ft
- 433-540 Bl marl
- 540-600 sdy blue marl
- 600-630 Gravel
- 630-670 chert



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

A62

UP-DATED \_\_\_\_\_



# JUMPERTOWN QUADRANG

MISSISSIPPI

7.5 MINUTE SERIES (TOPOGRAP

NW/4 BOONEVILLE 15' QUADRANGLE

46 347 40' 348 349 350 560 000 FEET

