

FORM 9-1642
(1-68)Well No. K-42

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

PUNCHED

DEC 27 1972

MASTER CARD

Record by J.M. Source of data BOWC Date 8-71 Map _____
State 28 County (or town) Prentiss 59
Latitude: 34⁴² 33¹ 31³ 3N Longitude: 08⁸ 35³ 5³ 5 Sequential number: 1
Lat-long accuracy: 3 6 7 0 17 SW SW SW
Local well number: K042CC1706507E Other number: _____ B & H
Local use: 268 Owner or name: _____
Owner or name: JOHN SHOOK Address: Boonville
Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist P
Use of water: (A) Air cond, Bottling, Comm, Devater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (S) Stock, Instit, 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) W
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: no, period: 76
Aperture cards: 77
Log data: 78

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 275 Meas. rept accuracy 3
Depth cased: 42 Casing type: Steel Diam. in 4
Finish: (C) porous concrete, (F) gravel w. (screen), (G) gravel w. (screen), (H) horiz. gallery, (P) open perf., (S) screen, (T) ad. pt., (V) shored, (X) open hole, (B) other X
Method: (A) air bored, (B) cable, (C) dug, (D) hyd jetted, (H) air percussion, (I) reverse, (R) trenching, (T) driven, (V) wash, (W) other H
Date Drilled: 9-7-71 Pump intake setting: 34 ft 35
Driller: Bonds Drilling name address 36
Lift (type): (A) air, bucket, cent, jet, (B) multiple, (C) multiple, (D) multiple, (E) multiple, (F) none, (G) piston, (H) rot, (I) submerg, (J) turb, (K) other 37 Deep 38 Shallow 39
Power (type): diesel, elec, gas, gasoline, hand, gas, wind, H.P. 40 Trans. or meter no. 41
Descrip. MP 450' (11/89) ft above below LSD. Alt. MP 42
Alt. LSD: 440 Accuracy: (source) 43
Water Level: 18 ft above below MP; Ft below LSD 44 Accuracy: 45
Date meas: 7-7-71 Yield: 46 gpm 47 Method determined 48
Drawdown: 49 ft 50 Accuracy: 51 Pumping period 52 hrs 53
QUALITY OF WATER DATA: Iron 54 ppm 55 Sulfate 56 ppm 57 Chloride 58 ppm 59 Hard. 60 ppm 61
Sp. Conduct 62 K x 10 63 Temp. 64 °F 65 Date sampled 66 67
Taste, color, etc. 68

Latitude-longitude N
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d m s d m s

RECEIVED
JAN 1954

GEOLOGIC CARD

SAME AS ON MASTER CARD

Physiographic

Province: 03 Section: 20 21

Drainage
Basin: 13B Subbasin: 26

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

MAJOR
AQUIFER:

system K3 series 38 39

aquifer, formation, group CN

Lithology: LL

Origin: 6

Aquifer

Thickness: 45 ft

Length of

well open to: 45 ft

Depth to

top of: 230 ft

MINOR
AQUIFER:

system 44 45 series 46 47

aquifer, formation, group

Aquifer

Thickness: 7 ft

Lithology: 40 41

Origin: 30

Length of

well open to: 33 ft

Depth to

top of: 33 ft

Intervals
Screened:

Depth to
consolidated rock: 40 41 ft

Source of data: 64

Depth to
basement: 41 42 ft

Source of data: 69

Surficial
material: 70 71

Infiltration
characteristics: 72

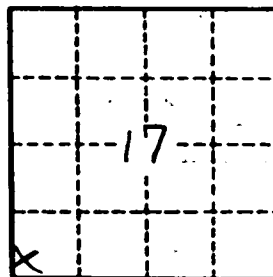
Coefficient
Trans: 73 74 gpd/ft

Coefficient
Storage: 75 76

Coefficient

Pern: 77 gpd/ft²; Spec cap: 78 gpm/ft; Number of geologic cards: 79

Red clay 0-37
Blue clay 37-230
Water sand 230-275



Well No.

K-42

Prentiss
K-42
7-7-71

MISSISSIPPI
BOARD OF WATER COMMISSIONERS
416 North State Street
Jackson, Mississippi 39201

CODED

WATER WELL DRILLERS LOG

7-7 1971 Bondie Well Drilling Prentiss
date well completed firm name county well located

LANDOWNER: John Shank description of formations encountered from to
Brownie Meier (mailing address) Red clay 0 37
Blue clay 37 230
Water sand 230 275

WELL LOCATION:
sec. 17 T. 6 N. R. 2 E.
1 1/2 miles South of W. Butler
(distance) (direction) (nearest town)

WELL PURPOSE: Home
(home, irrigation, municipal, industrial)

WELL COMPLETION DATA:
(1) diameter (inches) 4
(2) total depth (feet) 275
(3) static water level (feet) 18 below above
top of ground
(4) casing Steel 42
(material) (depth)
(size) if telescope see back.
(5) screen none
(length) (depth to top)
(size) (material)
(6) pump Had On pump
(HP) (yield) (type power)
(7) electric log no
(yes or no)
(organization running log)
(8) how well bottom plugged open

CODED

DRILLERS REMARKS:
AUG 11 1971
MISS. ED. OF
WATER COMM.

WHEELER QUAD

TUPELO 23 MI.
FRANKSTOWN 0.8 MI.

3828
35'

FRANKSTOWN 0.3 MI.

3826
3253 II SW
(BALDWIN)

3825

3824

32'30"

3823

GULF

CENTRAL

SIOWATI

Creek

BR. 336

Radio Tower
Water Tank

Wheeler

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