Booneville

FORM 9-1642
(1-68)

Well No. B 39

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

PUNCHED
DEC 27 1972

MASTER CARD

Record by JCM Source of data BOWC Date 10-71 Map

State [28] County (or town) Prentiss [59]

Latitude: [3 4 4 4 4 5 N] deg min sec N S Longitude: [0 8 8 3 8 2 7] degrees min sec Sequential number: [1]

Lat-long accuracy: [3] T 4 (S) R 7 (E) W, Sec 10, SE ¼, SW ¼, NE ¼ B & M

Local well number: B 0 3 9 C A 1 0 0 4 5 0 7 E Other number:

Local use: 2 6 8 Owner or name: East Side Hardware and Lumber Co. - Booneville

Owner or name: EAST SIDE HRDWR Address:

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

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Med, (N) Ind, (P) P S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other [H]

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

DATA AVAILABLE: Well data [ ] Freq. W/L meas.: [ ] [0] Field aquifer char. [ ]

Hyd. lab. data: [ ]

Qual. water data; type: [ ]

Freq. sampling: [ ] [ ] Pumpage inventory: yes no, period: [ ]

Aperture cards: [ ] yes

Log data: [D]

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: [1 5 0] ft Meas. rept [3] accuracy

Depth cased: (first perf.) [6 3] ft Casing type: Steel ; Diam. [4] in

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

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

Date Drilled: [9 7 1] Pump intake setting: ft

Driller: Bonds Well Drlg (name) (address)

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

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. 3/4 [S] Trans. or meter no.

Descrip. MP ft above below LSD, Alt. MP

Alt. LSD: [4 8 0] Accuracy: (source) [S]

Water Level ft above below MP; Ft above below LSD [3 0] Accuracy: [D]

Date meas: [9 7 1] Yield: gpm [5] Method determined

Drawdown: ft Accuracy: Pumping period hrs

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

Sp. Conduct K x 10^6 Temp. °F Date sampled

Taste, color, etc.

Well No. B 39

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Latitude-longitude ______ N S ______ d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD 19 | Physiographic Province: ______ [0 3] 20 21 | Section: ______

[D] 22 | Drainage Basin: ______ [1 6 L] 23 25 | Subbasin: ______ [ ] 26

Topo of well site: (D) depression, (C) stream channel, (E) dunes, (F) flat, (H) hilltop, (K) sink, (L) swamp, (O) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat ______ 27 [ ]

MAJOR AQUIFER: ______ system, ______ series [K 3] 28 29 ______ aquifer, formation, group [C S] 30 31

Lithology: ______ [5] 32 33 | Origin: ______ [6] 34 | Aquifer Thickness: 45 ft

[ ] 35 37 | Length of well open to: ______ ft [4 5] 38 40 | Depth to top of: ______ ft [1 0 5] 41 43

MINOR AQUIFER: ______ system, ______ series [ ] 44 45 ______ aquifer, formation, group [ ] 46 47

Lithology: ______ [ ] 48 49 | Origin: ______ [ ] 50 | Aquifer Thickness: ______ ft

[ ] 51 53 | Length of well open to: ______ ft [ ] 54 56 | Depth to top of: ______ ft [ ] 57 59

Intervals Screened: ______

Depth to consolidated rock: ______ ft [ ] 60 63 | Source of data: ______ 64 [ ]

Depth to basement: ______ ft [ ] 65 68 | Source of data: ______ 69 [ ]

Surficial material: ______ [ ] 70 71 | Infiltration characteristics: ______ 72 [ ]

Coefficient Trans: ______ gpd/ft [ ] 73 75 | Coefficient Storage: ______ [ ] 76 78

Coefficient Perm: ______ gpd/ft^2; Spec cap: ______ gpm/ft; Number of geologic cards: ______ [ ] 79

Red clay	0 - 32
Red sand	32 - 59
Blue clay	59 - 105
Water sand	105 - 150

	★	10 +	

Well No. B39

Prentiss
B 39
9-24-71

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

WATER WELL DRILLERS LOG

CODED

9-24 (date well completed) 1971 Bonds Well Drilling (firm name) Prentiss (county well located)

LANDOWNER: East Side Hwd.

Booneville Miss (mailing address)

WELL LOCATION:

sec. 10 T. 4 N (S) R. 7 E (W)

6 (distance) miles South (direction) of Booneville (nearest town)

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

WELL COMPLETION DATA:

(1) diameter (inches) 4

(2) total depth (feet) 150

(3) static water level (feet) 30 below / above top of ground.

(4) casing Iron (material), 63 (depth),

_____ (size) If telescope see back.

(5) screen Iron (length) _____ (depth to top)

_____ (size), _____ (material)

(6) pump 3/4 (HP) 5 (yield gpm)

Jet Pump (type power)

(7) electric log No (yes or no)

_____ (organization running log)

(8) how well bottom plugged Open

DRILLERS REMARKS: _____

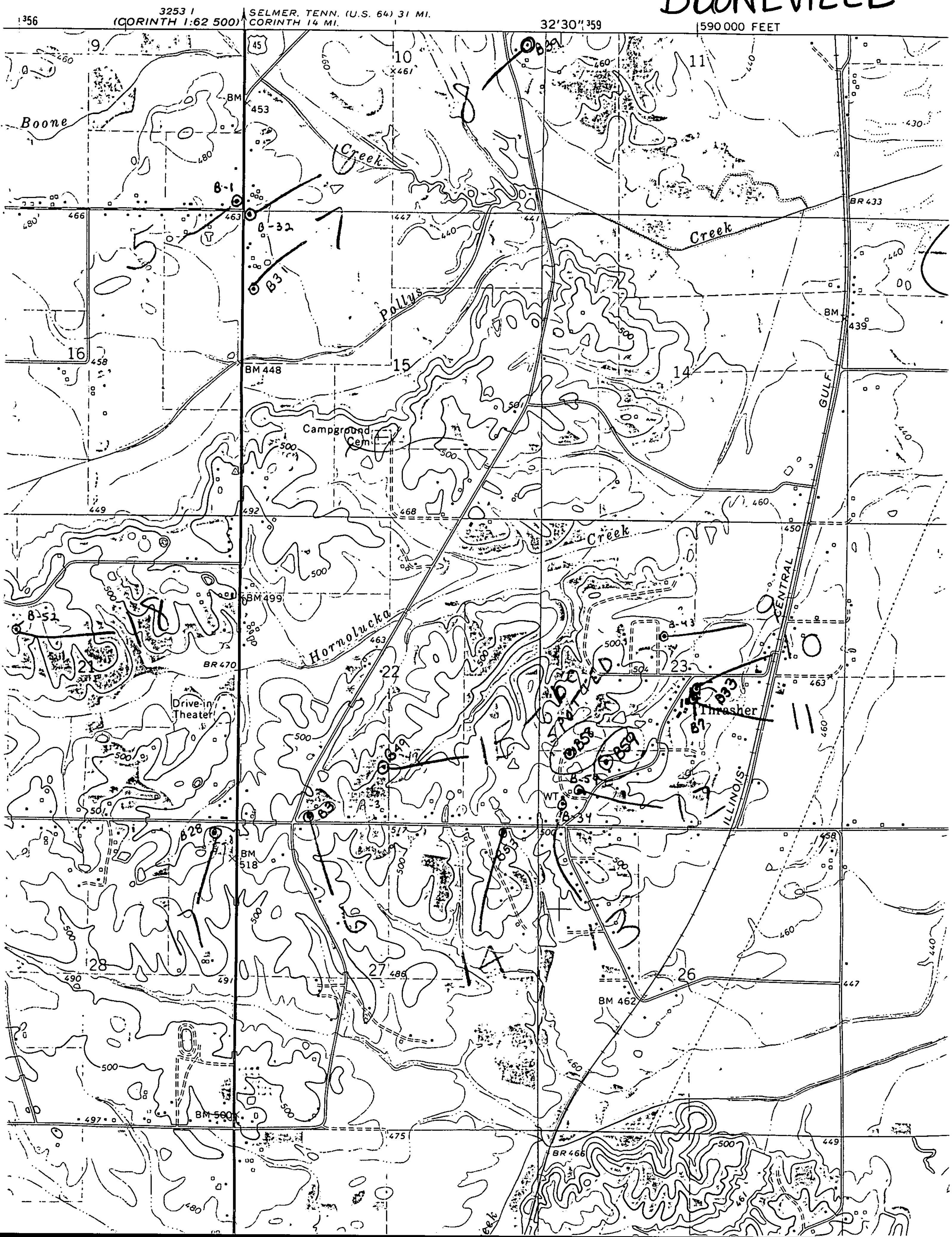
description of formations encountered	from	to
Red Clay	0	32
Red Sand	32	59
Blue Clay	59	105
Water Sand	105	150

CODED

OCT 4 - 971

WATER BOARD

BOONEVILLE



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BM 518
BM 462
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BM 439
BR 433
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