

ED-333035090214901

GW03617  
082002-01

PUNCHED  
MAR 21  
PUNCHED and VERIFIED  
ROLLS COMPUTATION BRANCH

FORM 9-1642  
(1-68)

Well No. W13  
Elog #131

WELL SCHEDULE  
GEOLOGICAL SURVEY

U. S. DEPT. OF THE INTERIOR

WATER RESOURCES DIVISION  
208B BENTONIA

MASTER CARD

Record of P.E. Gunther Source of data Obs. + Drilling Date 7-17-63 Map Bentonia

State Miss 29 County Yazoo (or town) 82

Latitude: 32° 38' 35" N Longitude: 090° 21' 49" W Sequential number: 1

Lat-lons accuracy: 30' T 9 S, R 2 Sec 11 SE, SW, NE, SE, NE, SW, SE, NE

Local well number: W0130A1109N02W Other number: B & M

Local use: 021131 Owner or name: Bentonia Town of

Owner or name: BENTONIA Address: \_\_\_\_\_

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

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

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

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

Hyd. lab. data: 73

Qual. water data; type: USGS 4/64 C

Freq. sampling: 74 Pumpage inventory: 75 yes 76 no 77 period: 78

Aperture cards: 79 yes 80

Log data: Screen 40' 3" 12M at 85°F - 4-548 DE

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 563 ft Meas. 3

Depth cased: (first perf.) 502 ft Casing type: 8 X 3 in accuracy 8

Finish: porous concrete, gravel v. concrete, (perf.), (screen), gravel v. (screen), horis. gallery, end, (H) (O) (P) (S) (T) (W) (X) (Z) S

Mechod: air bored, cable, dug, hyd jetted, rot., (A) (B) (C) (D) (H) (J) (P) (R) (T) (Y) (Z) H

Date Drilled: 9-6-63 Pump intake setting: 36 ft 38

Driller: Herndon Well + Sup. Co. Shannon

Lift (type): air, bucket, cent. jet, multiple, (cent.) (A) (B) (C) (J) (L) (M) (N) (P) (R) (S) (T) (Z) 5 Deep 40 Shallow

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

Descrip. MP 192 OK ft above 42 below LSD, Alt. MP 43

Alt. LSD: 199 Accuracy: (source) 44

Water Level: 62 ft above 45 below LSD Accuracy: 46

Date meas: 8-6-63 Yield: 100 gpm Method determined: 47

Drawdown: 48 ft Accuracy: 49 Pumping period: 50 hrs 51

QUALITY OF WATER DATA: Iron 49 ppm Sulfate 50 ppm Chloride 51 ppm Hard. 52

Sp. Conduct 53 K x 10<sup>5</sup> Temp. 54 °F Date sampled 55

Taste, color, etc. 56

11/2 / 39  
4/27/95  
76.00

10-10-84  
WL = 100.00

11/7/80  
WL-59.99 & MP  
MP- air valve  
1.8' LSD  
WL-58.19 & LSD

199  
58  
141  
11/2/84  
7.20

No 20 in 2/1/80

Well No. W13

W13

GW03617

# WATER WELL DRILLERS LOG

HERNDON WELL & SUPPLY CO.

SEP 20 1963

Date: Aug, 1963, Driller:

P. O. BOX 42

SHANNON, MISSISSIPPI

County YAZOO

		Description & Color of Materials Sand, Clay, Red Clay, Shell, etc.	Thick- ness Feet	Depth Feet
(1) Owner of Land: <u>Town of Benton</u> (Name) <u>BENTONIA, MISS.</u> (Address)		<u>red clay</u>		<u>0</u>
(2) Location: <u>1/4</u> , <u>1/4</u> , Sec. <u>11</u> <u>T29R2W</u> (distance) (direction) of <u>Benton</u> (Nearest Town)		<u>blue clay</u>		<u>45</u>
(3) Topography: <u>↓</u> (Hilly) (Flat) (Level)		<u>sand no water</u>		<u>280</u>
(4) Purpose of Well: <u>Municipal</u> (Domestic Irrigation Municipal, Industrial, Other)		<u>streaks of sand &amp; gumbo</u>		<u>302</u>
Information upon completion of well:		<u>water sand</u>		<u>365</u>
(1) Diameter <u>8 x 8</u> inches.		<u>gumbo</u>		<u>380</u>
(2) Total Depth <u>640</u> feet.		<u>fine sand no water</u>		<u>398</u>
(3) Water Level <u>62</u> feet below top of ground.		<u>water sand</u>		<u>470</u>
(4) Cased to <u>473'</u> , <u>189'</u> , Size <u>8"</u> <u>3"</u>		<u>gumbo</u>		<u>488</u>
(5) Screen: Size <u>3"</u> , Length <u>40'</u>		<u>water sand</u>		<u>491</u>
(6) Were any formations sealed against pollution? _____ yes, _____ no.		<u>gumbo</u>		<u>506</u>
If YES depth of formation		<u>water sand</u>		<u>512</u>
Why		<u>gumbo</u>		<u>522</u>
Drillers Remarks: <u>Cockfield</u> <u>formation</u>		<u>water sand</u>		<u>524</u>
<u>100 GPM</u>		<u>gumbo</u>		<u>592</u>
		<u>good water sand</u>		<u>596</u>
		<u>bottom</u>		<u>640</u>

(Use Back Side)

Mail this copy to Board of Water Commissioners 429 Miss. St. Jackson, Miss.

W-13

Well No.

