

6W02997 0120008-01

Well No.

R20a

WELL SCHEDULE

ELog # 177

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

315154088413901

SHUBUTA

MASTER CARD

Record by Q Source of data MSGS Date 11/71 Map Shubuta

State HI County CLARKE

Latitude: 315154N Longitude: 0884139 Sequential number: 7

Local use: 064177

Owner or name: SHUBUTA

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

Use of water: MU P

Use of well: W

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

Qual. water data; type: MSBOH USGS 6/72

Log data: Elog 60' - 636' SCH. to 2292'

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 2250 ft Meas. 2286

Depth cased: 2246 ft Casing type: 8x6 in

Finish: porous concrete, gravel w. screen, gravel w. gallery, open perf., screen, sd. pt., shored, open hole, other S

Method: drilled air bored, cable, dug, hyd jetted, air reverse, percussion, rotary, driven, drive wash, other H

Date Drilled: 10-19-71 9:71 Pump intake setting: ft

Driller: SINGER-LAYNE

Lift (type): air, bucket, cent, jet, multiple, multiple, none, piston, rot, submerg, turb, other N Deep Shallow

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

Descrip. MP 195 ft above below LSD, Alt. MP

Alt. LSD: 192 Accuracy: (source) topo

Water Level: ft above below MP; Ft LSD Accuracy:

Date meas: 11-7-79 Yield: 860 flow 860 Method: determined

Drawdown: ft Accuracy: Pumping period hrs

QUALITY OF WATER DATA: Iron Sulfate Chloride Hard.

Sp. Conduct: K x 10^6 Temp. 34.5 Date sampled 672

Taste, color, etc.

11/29/88 WL7-70'

PUNCHED

Well No.

R20a

**HYDROGEOLOGIC CARD**

SAME AS ON MASTER CARD Physiographic Province: \_\_\_\_\_ 03 Section: \_\_\_\_\_

D Drainage Basin: \_\_\_\_\_ 13P Subbasin: \_\_\_\_\_

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) (F) (R) (K) (L) (M) (N) (O) (P) (S) (T) (U) (V) offshore, pediment, hillside, terrace, undulating, valley flat \_\_\_\_\_

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

Lithology: \_\_\_\_\_ UIS Origin: \_\_\_\_\_ 2 Aquifer Thickness: 110+ ft

Length of well open to: \_\_\_\_\_ ft 40 Depth to top of: 2218 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: \_\_\_\_\_

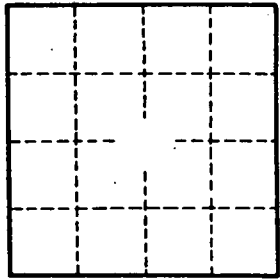
Depth to basement: \_\_\_\_\_ ft \_\_\_\_\_ Source of data: \_\_\_\_\_

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: \_\_\_\_\_

Meredith Eng. HENRY DAMON 693-6156  
DIXON



Date D71 (+65)WL

Well No.

**CLARKE**  
R20  
12-2-71  
Elog # 177

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

*Caded*

**WATER WELL DRILLERS LOG**

12-2 date well completed  
1971 Singer-Lumpkin Construction Firm name  
Clarke county well located

LANDOWNER:	description of formations encountered	from	to
(mailing address)			
<i>Trust of Shubuta</i>	<i>Fill</i>	<i>0</i>	<i>3</i>
<i>Shubuta, Miss</i>	<i>Top Soil</i>	<i>3</i>	<i>4</i>
	<i>Sand</i>	<i>4</i>	<i>15</i>
	<i>Rock</i>	<i>15</i>	<i>17</i>
	<i>Sandy Clay</i>	<i>17</i>	<i>26</i>
	<i>Shale</i>	<i>26</i>	<i>30</i>
	<i>Rock</i>	<i>30</i>	<i>35</i>
	<i>Sandy Clay</i>	<i>35</i>	<i>64</i>
	<i>Rock</i>	<i>64</i>	<i>67</i>
	<i>Blue Clay</i>	<i>67</i>	<i>126</i>
	<i>Sand</i>	<i>126</i>	<i>163</i>
	<i>Sandy Clay</i>	<i>163</i>	<i>190</i>
	<i>Argill. Clay</i>	<i>190</i>	<i>282</i>
	<i>Shale</i>	<i>282</i>	<i>305</i>
	<i>Rock</i>	<i>305</i>	<i>306</i>
	<i>Shale</i>	<i>306</i>	<i>360</i>
	<i>Sand</i>	<i>360</i>	<i>396</i>
	<i>Shale</i>	<i>396</i>	<i>569</i>
	<i>Sandy Shale</i>	<i>569</i>	<i>590</i>
	<i>Shale</i>	<i>590</i>	<i>786</i>
	<i>Rock</i>	<i>786</i>	<i>790</i>
	<i>Shale</i>	<i>790</i>	<i>836</i>
	<i>Rock</i>	<i>836</i>	<i>840</i>
	<i>Shale</i>	<i>840</i>	<i>903</i>
	<i>Sandy Shale</i>	<i>903</i>	<i>920</i>
	<i>Sand</i>	<i>920</i>	<i>982</i>
	<i>Shale</i>	<i>982</i>	<i>1461</i>
	<i>Rock</i>	<i>1461</i>	<i>1464</i>
	<i>Shale</i>	<i>1464</i>	<i>1660</i>
	<i>Shale with Sand streaks</i>	<i>1660</i>	<i>1753</i>
	<i>Rock</i>	<i>1753</i>	<i>1758</i>
	<i>Shale</i>	<i>1758</i>	<i>1878</i>
	<i>Rock</i>	<i>1878</i>	<i>1901</i>
	<i>Shale</i>	<i>1901</i>	<i>2059</i>
	<i>Rock</i>	<i>2059</i>	<i>2063</i>
	<i>Sand</i>	<i>2063</i>	<i>2088</i>
	<i>Shale</i>	<i>2088</i>	<i>2140</i>
	<i>Sand</i>	<i>2140</i>	<i>2186</i>
	<i>Shale</i>	<i>2186</i>	<i>2220</i>
	<i>Sand</i>	<i>2220</i>	<i>2290</i>
	<i>Shale</i>	<i>2290</i>	<i>2292</i>

WELL LOCATION:  
sec. 4 T. 10 N R. 7 W  
miles of (distance) (direction) (nearest town)

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

WELL COMPLETION DATA:

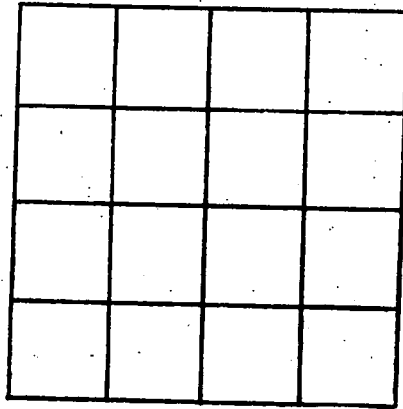
(1) diameter (inches) 8"  
(2) total depth (feet) 2292'  
(3) static water level (feet) Flow below above top of ground.  
(4) casing Steel 2240'  
(material) (depth)  
8" If telescope see back.  
(size) 68' 2 6"  
(5) screen 40' 2246'  
(length) (depth to top)  
6" Stainless Steel  
(size) (material)  
(6) pump None 200  
(HP) (yield gpm)  
(type power)  
(7) electric log yes  
(yes or no)  
Schlumberger  
(organization running log)  
(8) how well bottom plugged

DRILLERS REMARKS:  
JAN 18 1972

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If well telescopes please sketch and show depths.

GROUND LEVEL



SECTION \_\_\_\_\_

Please indicate well location X.

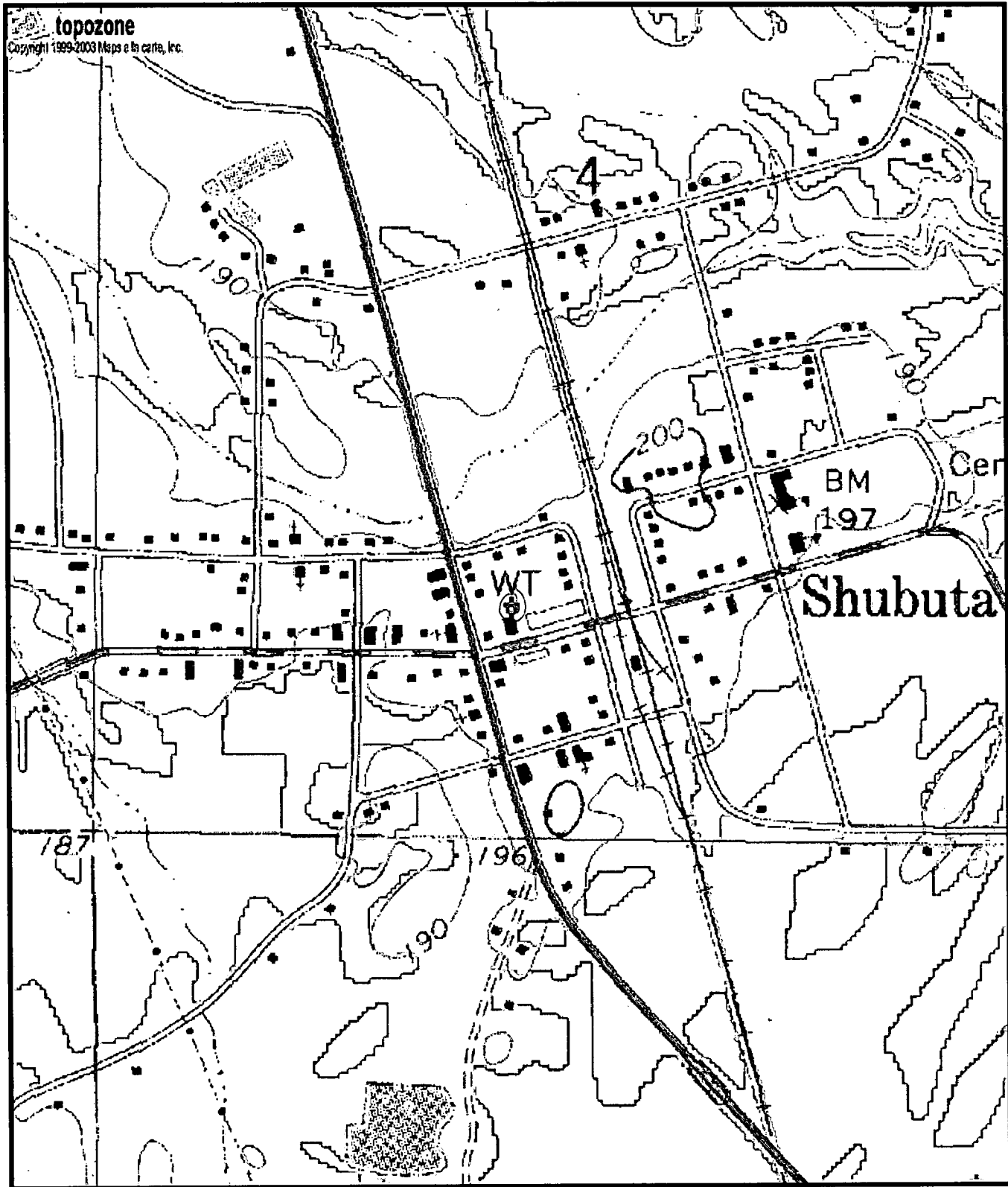
ADDITIONAL INFORMATION

If more than one screen, show locations of each on sketch.

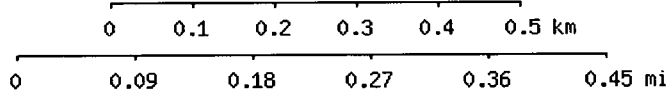
DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR  
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Jeff Gregory DATE: 5-95  
UNIT DEQ #: \_\_\_\_\_ FILE #: BOS1716A  
HEALTH DEPT. #: 120008-01 ELEV. \_\_\_\_\_  
USGS #: R20 OLWR #: GW2997  
OWNER: Town of Shubuta  
LOCATION: SESE S 4 TION R 7W COUNTY: Clarke  
LOCATION DESCRIPTION: at New water tank in Shubuta  
31 51 39 88 41 33  
CASING DIA: \_\_\_\_\_ PUMP TYPE & SIZE: Cent  
GPS FIELD LOCATION: LAT. 31 51 39 LONG. 88 41 56  
GPS CORRECTED LOCATION: LAT. 31.86097050 LONG. 88.69906009  
REMARKS: Shubuta Quad  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



0120008-01  
 GW2997  
 R20



Map center is 31° 51' 40"N, 88° 41' 57"W (WGS84/NAD83)  
**Shubuta** quadrangle  
 Projection is UTM Zone 16 NAD83 Datum

