

WRD Exp. (GW)
April 1966

GW12664
0820014-01 Well No.

PUNCHED
MAR 24 1978
G77
E Log # 171

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by P.E. Grantham Source of data E Log & Driv. Date 9-20-67 Map Yazoo City
 State Mississippi County (or town) Yazoo Sequential number: 82
 Latitude: 32° 50' 47" N Longitude: 090° 25' 12" W
 Lat-long accuracy: 30 deg 12 min 2 sec 32 NW 54 NE
 Local well number: G077CA3212N02W Other number: N.E. Plant
 Local use: 009171 Owner or name: City of Yazoo City
 Owner or name: YAZOO CITY Address: Yazoo City
 Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist M
 Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (S) Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other MU
 Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Wlthdraw, Waste, Destroyed. W
 DATA AVAILABLE: Well data Freq. W/L meas.: Field aquifer char.
 Hyd. lab. data:
 Qual. water data; type: USGS 1171
 Freq. sampling: Pumpage inventory: no. period:
 Aperture cards: SPRT
 Log data: E Log 10-930

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 909 ft Meas. rept accuracy 3
 Depth cased: 827 ft Casing type: Steel; Diam. 18 x 10 in
 Finish: (C) porous concrete, (F) gravel w. screen, (G) gravel w. screen, (H) horiz. gallery, (I) open end, (P) peri., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other G
 Method: (A) air bored, (B) cable, (C) dug, (D) hyd jected, (H) air percussion, (J) reverse, (P) rotary, (R) air reverse, (T) trenching, (V) driven, (W) drive wash, (Z) other H
 Date Drilled: 9-67 9:67 Pump intake setting: ft
 Driller: Carlos Well & Supply, Memphis Tenn
 Lift: (A) air, (B) bucket, (C) cent, (J) multiple, (L) multiple, (M) multiple, (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other T Deep Shallow
 Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 75 Trans. or meter no. 95
 Descrip. MP 95 ft above below LSD, Alt. MP 95
 Alt. LSD: 85 Accuracy: 5' CI
 Water Level: -24 ft above below MP; Ft below LSD 24 Accuracy: 1155 @ 10'
 Date meas: 9:67 Yield: 1000 gpm 10000 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 Temp. °F Date sampled
 Taste, color, etc.

W/L-98-3/19/85
43.74 7/31/85

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

WELL NO.

G77

Well No. **G 77**

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

HYDROGEOLOGIC CARD

1 SAME AS ON MASTER CARD 19 Physiographic Province: **03** Section: _____

22 **E** Drainage Basin: **15J** Subbasin: _____ 26

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

MAJOR AQUIFER: _____ system _____ series **TE** _____ aquifer, formation, group **SS** 30 31

Lithology: _____ **US** Origin: **2** Aquifer Thickness: _____ ft 32 33 34

126 Length of well open to: _____ ft **82** Depth to top of: _____ ft **805** 35 37 38 40 41 43

MINOR AQUIFER: _____ system _____ series _____ aquifer, formation, group _____ 44 45 46 47

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft 48 49 50

_____ Length of well open to: _____ ft _____ Depth to top of: _____ ft _____ 51 53 54 56 57 59

Intervals Screened: **820-900 gravel wall**

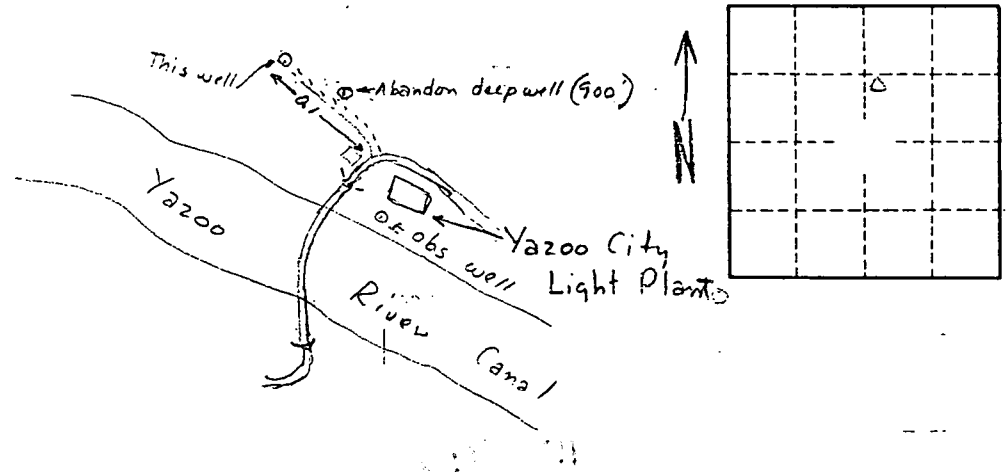
Depth to consolidated rock: _____ ft _____ Source of data: _____ 64

Depth to basement: _____ ft _____ Source of data: _____ 65 68 69

Surficial material: _____ Infiltration characteristics: _____ 70 71 72

Coefficient Trans: _____ gpd/ft _____ Coefficient Storage: _____ 73 75 76 78

Coefficient Perm: _____ gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____ 79



Well No. **G 77**

Gw 12665

Yazoo

G 77

10-67

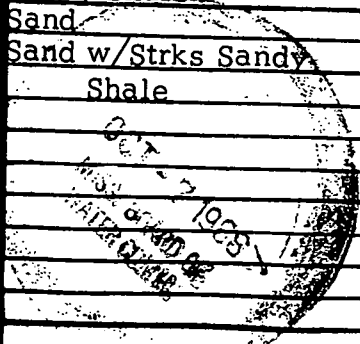
U.S.G.S

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

WATER WELL DRILLERS LOG

October 19 67 Carloss Well Supply Co Yazoo
 date well completed firm name county well located

LANDOWNER:	description of formations encountered	from	to
Public Service Commission			
Yazoo City, Mississippi (mailing address)	Clay	0	14
WELL LOCATION: sec. 32 T. 12 N R. 2 W	Sandy Clay	14	35
(distance) (direction) of (nearest town)	Fine Blue Sand	35	70
WELL PURPOSE: Municipal (home, irrigation, municipal, industrial)	Blue Sand	70	95
WELL COMPLETION DATA:	Sand & Pea Gravel	95	201
(1) diameter (inches) 18"	Gravel Conglomerant	201	205
(2) total depth (feet) 909'	Tough Clay-Strk Sand	205	297
(3) static water level (feet) 24' below top of ground.	Sandy Clay	297	317
(4) casing Blk. Stl. 815' (material) (depth)	Sand w/Strk Clay & Lignite	317	461
No/ (size) if telescope see back.	Clay	461	480
(5) screen 80' 827' (length) (depth to top)	Sand	480	498
10" Stainless Steel (size) (material)	Clay	498	517
(6) pump 75 1000 (HP) (yield gpm)	Sand w/Strks Clay	517	538
Electric (type power)	Clay w/Strks Sand	538	555
(7) electric log Yes (yes or no)	Sandy Clay	555	580
U.S.G.S. - WRD (organization running log)	Shale	580	614
(8) how well bottom plugged B.P. Valve	Hard Rock	614	615
DRILLERS REMARKS: Other "FINE" Carloss Water Well	Sand w/Strks Shale	615	635
	Hard Rock	635	636
	Hard Shale	636	649
	Hard Rock	649	650
	Shale	650	670
	Sandy Shale	670	688
	Hard Shale	688	755
	Shale	755	783
	Sandy Shale	783	790
	Shale	790	798
	Sandy Shale w/Lignite	798	801
	Shale	801	806
	Sandy Shale	806	810
	Sand	810	911
	Sand w/Strks Sandy		
	Shale	911	952



DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): AR DATE: 9-19-94
UNIT DEQ #: 82859 FILE #: 0091917A
HEALTH DEPT. #: 820014-01 ELEV. 100
USGS #: G77 OLWR #: GW12664
OWNER: City of Yazoo QUAD: Y1200 City
LOCATION: NW/SE S 32 T 12N R 2W COUNTY: Y1200
LOCATION DESCRIPTION: Well E. of Plant. E of Ground
tanks.
CASING DIA: _____ PUMP TYPE & SIZE: Turbine / 75
GPS FIELD LOCATION: LAT. 32-50.839 N LONG. 90.25.210 W
GPS CORRECTED LOCATION: LAT. 32.847285 LONG. 90.420178
REMARKS: _____

