

GW01963

Well destroyed 2/94 *fe + la*

can be

WRD Exp. (GW)  
April 1966

Well No.

Q/164  
E109#159

MEASURED

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

NOT in use

MASTER CARD

Record by J. D. Callahan Source of data Bath & Assoc Date 9-6-66 Map Pascagoula Quad.

State Miss County Jackson (or town) 28 30

Latitude: 30 21 22 N Longitude: 08 8 37 24 Sequential number: 7

Lat-long accuracy: 2 0 9 5 7 SW SE SW

Local well number: Q164C0708505W Other number: Q164 G4 #3well

Local use: 009 Owner or name: Jackson Co. Bd of Supervisors

Address: Pascagoula, Miss

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

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

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

DATA AVAILABLE: Well data 1 Freq. W/L meas.: 71 Field aquifer char. 72

Hyd. lab. data: 73

Qual. water data; type: 74

Freq. sampling: 75 Pumpage inventory: 76

Aperture cards: 77

Log data: E109 #159 + 20-693 Drillers D.E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 682 ft Meas. accuracy 6

Depth cased: 634 ft Casing type: Steel; Diam. 10 in

Finish: (G) porous concrete, gravel w. screen, gravel w. horiz. gallery, open end, perf., screen, sd. pt., shored, open hole, other G

Method Drilled: (H) air bored, cable, dug, hyd rot, jetted, air percussion, rotary, reverse trenching, driven, drive wash, other H

Date Drilled: 3-3-65 965 Pump intake setting: 34 ft

Driller: Carlross Well Supply Co. Memphis Tenn

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

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

Descrip. MP 1885 ft above LSD. Alt. MP 47

Alt. LSD: 105 ft Accuracy: CI 10

Water Level: 41 ft above MP; Ft below LSD 47 Accuracy: 52

Date meas: 10-6-65 065 Yield: 380 gpm 250 Method determined 61

Drawdown: 47 ft Accuracy: 62 Pumping period: 68

QUALITY OF WATER DATA: Iron 69 Sulfate 70 Chloride 71 Hard. 72

Sp. Conduct 73 Temp. 74 76 Date sampled 77 79

Taste, color, etc. 75

Well located off of 27th North of Ingals road.

7/187  
13RR  
T = 27°C  
PH = 8.46  
COND = 1700

MP = 1.50  
11/5/85  
WL = 144.70

WELL NO.

164

Well No. Q 164

Latitude-longitude 30 21 15<sup>0</sup> 088 31 27  
d m s d m s

HYDROGEOLOGIC CARD

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

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

Topo of well site: (D) (C) (E) (F) (H) (K) (L) \_\_\_\_\_  
 (O) (P) (S) (T) (U) (V) \_\_\_\_\_

MAJOR AQUIFER: Tertiary Miocene TM Pascagoula PA  
system series aquifer, formation, group

Lithology: sand US Origin: Deltaic 3 Aquifer Thickness: \_\_\_\_\_ ft

Length of well open to: 44 ft Depth to top of: 634 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: \_\_\_\_\_

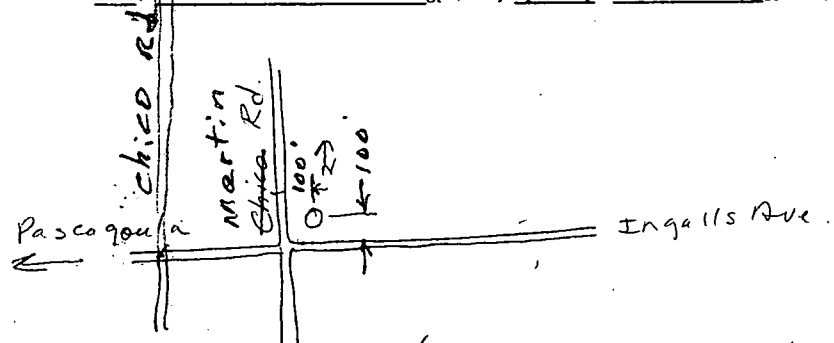
Depth to consolidated rock: \_\_\_\_\_ ft Source of data: \_\_\_\_\_

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: \_\_\_\_\_



Thickness	Depth	Description
1	16	Top Soil
15	35	Sand
19	45	Blue Clay
10	60	Sd + Blue Clay
15	75	Med. Blue Shale
40	100	Blue Clay
12	112	Sand
10	122	Loam
78	200	Coarse water b. ss
10	210	Sand & shale
48	258	H. Blue shale
13	271	Blue Clay
16"	272'6"	Hard Rock
11'6"	284'	Sand
146	430	Hard Blue Shal.
16	446	Sand

Hard Blue shale thick - 190  
 Fine water bearing 2 638  
 med water bearing 55 68' 693  
 Sandy Blue Shale 11 700

Temp 27° 10/20/82 @ 1:00  
 Ph. 8.45  
 Cond 1725

Well No. Q 164

# JACKSON MISSISSIPPI BOARD OF WATER COMMISSIONERS

**Q 164**  
**6-9-65**

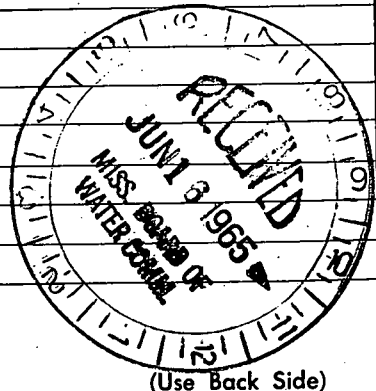
## WATER WELL DRILLERS LOG

*VSGS files*

Date: June 9, 1965, Driller: Carlross Well Supply County Jackson

(Name)

		Description & Color of Materials Sand, Clay, Red Clay, Shell, etc.	Thick-ness Feet	Depth Feet
(1) Owner of Land: <u>Jackson County Board of Supervisors</u> <u>Jackson County, Mississippi</u>		Top Soil	1'	1'
(Address) Bayou Casotte <u>Well #3</u> (2) Location: <u>1/4, SW 1/4, Sec. 7 T8 S 5 W</u> <u>Pascagoula, Mississippi</u> <u>      </u> miles <u>      </u> of <u>      </u> (distance) (direction) (Nearest Town)		Sand	15'	16'
(3) Topography: <u>Flat</u>		Blue Clay	19'	35'
(4) Purpose of Well: <u>Municipal</u> (Domestic Irrigation, Municipal, Industrial, Other)		Sand & Blue Clay	10'	45'
Information upon completion of well:  (1) Diameter <u>10</u> inches. (2) Total Depth <u>682</u> feet. (3) Water Level <u>41</u> feet below top of ground. (4) Cased to <u>634 feet</u> , Size <u>10' 3/4"</u> (5) Screen: Size <u>6 inches</u> , length <u>44 feet</u> (6) Were any formations sealed against pollution? <u>XX</u> yes, <u>      </u> no. If YES depth of formation _____ Why _____ Drillers Remarks: _____		Hard Medium Sand	15'	60'
		Blue Clay	40'	100'
		Sand	12'	112'
		Logs	10'	122'
		Coarse Water Bearing Sand	78'	200'
		Sand & Shale Mixed	10'	210'
		Hard Blue Shale	48'	258'
		Blue Clay	13'	271'
		Hard Rock	1' 6"	272' 6"
		Sand	11' 6"	284'
		Hard Blue Shale	146'	430'
		Sand	16'	446'
Hard Blue Shale	190'	636'		
Fine Water Bearing sd.	2'	638'		
Med. Water/Bearing sd.	55'	680'		
Sandy Blue Shale	11'	700'		



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