

Well completed  
5-20-69

April 1966

Well No. wa-528

# WELL SCHEDULE

Elog #217 7/31/96

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

6W01685 0610041-01

## MASTER CARD

Record by WTR Source of data msgs Date 5/69 Map Johns

State 28 County (or town) RANKIN 61

Latitude: 32<sup>deg</sup> 13<sup>min</sup> 4<sup>sec</sup> N Longitude: 08<sup>deg</sup> 9<sup>min</sup> 48<sup>sec</sup> W Sequential number: 1

Lat-long accuracy: 3<sup>0</sup> T. 4<sup>0</sup> S. R. 5<sup>0</sup> W. Sec. 5<sup>1</sup> SE CORNER NW/4 SW/SE/SE/NW

Local well number: 5028DB0504205E Other number: \_\_\_\_\_

Local use: 197217 Owner or name: ANTIOCH WELL

Owner or name: ACL WA Address: ACL #2

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

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, unused??

(S) Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other WA P U

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

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

Hyd. lab. data:

Qual. water data; type:

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

Aperture cards:  yes

Log data: Elog 10' - 1288' SPRT DE

PUNCHED AND VERIFIED  
ROLLA COMPUTATION BRANCH

7/89  
0

## WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1288' ft Meas. 1268 ft rept accuracy 3

Depth cased: (first perf.) 1288' ft 1230 ft Casing type: \_\_\_\_\_; Diam. 8x6 in 8

Finish: (C) porous concrete, (F) gravel w. (G) gravel w. (H) horiz. (P) open perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (B) other 5

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

Date Drilled: 5/69 9/69 Pump intake setting: \_\_\_\_\_ ft 36 38

Driller: Barnes

Lift name (L) address (M) (N) (P) (R) (S) (T) (B) Deep T Shallow

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 25  Trans. or meter no. 41

Descrip. MP 533 ft above LSD, Alt. MP \_\_\_\_\_

Alt. LSD: 550 Accuracy: (source) topo 4

Water Level: ft above below MP; ft above below LSD 352 Accuracy: \_\_\_\_\_ D

Date meas: 569 Yield: \_\_\_\_\_ gpm 125 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<sup>6</sup> Temp. \_\_\_\_\_ °F Date sampled \_\_\_\_\_

Taste, color, etc. \_\_\_\_\_

Well No.

528

1288 depth

1259pm

Latitude-longitude

d. m. s. d. m. s. N S

ROGEOLOGIC CARD

AS ON MASTER CARD

Physiographic Province:

03

Section:

D

Drainage Basin:

137

Subbasin:

(D) (C) (E) (F) (R) (K) (L) of depression, stream channel, dunes, flat, hilltop, sink, swamp, site:

(G) (P) (S) (T) (U) (V) offshore, pediment, hillside, terrace, undulating, valley flat

ER: TE system series

SPRT aquifer, formation, group SS

ogy: S Origin:

Aquifer Thickness: 244 ft

66 Length of well open to: ft 40

Depth to top of: 1200 ft A12

ER: system series

aquifer, formation, group

ogy: Origin:

Aquifer Thickness: ft

Length of well open to: ft

Depth to top of: ft

ervals used:

to consolidated rock: ft

Source of data:

to cement: ft

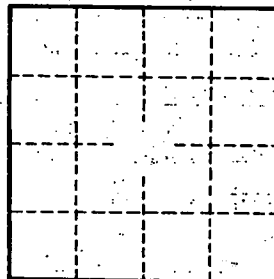
Source of data:

cial: Infiltration characteristics:

icient: gpd/ft Coefficient Storage:

icient: gpd/ft<sup>2</sup>; Spec cap: gpm/ft; Number of geologic cards:

BOH (1971)  
7.6  
0.2  
10  
295



Well No.

528

UP-DATED

Sta 4/30/69

RANKIN
528
5-20-69
M65
5/20-69

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

**CODED**  
**CODED**

WATER WELL DRILLERS LOG

BARNCO DR. CO. RANKIN

LANDOWNER:		description of formations encountered		from	to
A. C. & Water Association (mailing address)		Red Sandy		0	20
WELL LOCATION:		Water Sandy		60	80
sec 5 T 4 N R 5 E	SOUTH W	Light Gray Clay		110	120
6 miles	West of	Sand		130	170
(distance)	(direction)	Rock		9	132
WELL PURPOSE: Municipal		Sand		10	147
(home, irrigation, municipal, industrial)		Sand & Shell		138	280
WELL COMPLETION DATA:		Heavy Clay		310	620
(1) diameter (inches)	8"	Muddy Brack			
(2) total depth (feet)	1288	Shell		2-11	644
(3) static water level (feet)	352 below top of ground	Shell		9-6	679
(4) casing (material) (depth)	Steel 1288	Sand		14	684
(size) If telescope see back.		Sand & Shell		124	808
(5) screen (length) (depth to top)	40ft 1298	Sand Shell		142	850
(size) (material)	Steel	Sand fine		60	910
(6) pump (HP) (yield gpm)	25 125	Shell		30	940
(type power)	Elect	Sand		18	958
(7) electric log (yes or no)	yes	Shell		97	1040
(organization running log)	M65	Rock & SAND		90	1130
(8) how well bottom plugged	Back Wash Valve	Shell & SAND		70	1200
DRILLERS REMARKS:	Drilling by J. H. Barnco	Sand		10	1210
		Shell		6	1216
		Sand		44	1260
		Shell		28	1288

SEP 20 1969  
MISS. DEPT. OF WATER CONTROL



DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Phillips/Hardin DATE: 7/31/96

UNIT DEQ #: \_\_\_\_\_ FILE #: A073117D

HEALTH DEPT. #: 610041-01 ELEV. 531'

USGS #: 528 OLWR #: GW01685

OWNER: ACL W.A. QUAD: Johns

LOCATION: SE/NW S 5 T 4 N R SE COUNTY: Rankin

LOCATION DESCRIPTION: On west side of Antioch-Shiloh Rd, 2.1  
miles south of Shiloh Rd.

CASING DIA: \_\_\_\_\_ PUMP TYPE & SIZE: Turbine/25 HP

GPS FIELD LOCATION: LAT. 32°12.897'N LONG. 89°48.537'W

GPS CORRECTED LOCATION: LAT. 32.21491496 LONG. 89.80892195

REMARKS: Measured 40' east of well

Well may not be used anymore

\_\_\_\_\_

\_\_\_\_\_

232

R. 4 E. 50' R. 5 E.

234

3048 IV SE  
(PELAHATCHIE)

236

