

U. S. DEPT. OF THE INTERIOR GEOLOGICAL SURVEY WATER RESOURCES DIVISION

MASTER CARD

MAR 6 1973

Record by J.M. Source of data Bowc Date 8-71 Map _____

State 28 County (or town) Lowdes 44

Latitude: 33¹31²11³2N⁴ Longitude: 088¹²24¹⁵15¹⁸

Lat-long accuracy: 1¹ T 180² R 180³ Sec 10 NW NW NE

Local well number: G072BA1018S18W Other well number: _____

Local use: 058 Owner or name: COLUMBUS CLUB Address: Columbus

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

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (G) Dom, (H) Irr, (I) Med, (J) P S, (K) Rec, (L) Stock, (M) Instat, (N) Unused, (O) Repressure, (P) Recharge, (Q) Desal-F S, (R) Desal-other, (S) Other I

Use of well: (A) Anode, (B) Drain, (C) Seismic, (D) Heat Res, (E) Obs, (F) Oil-gas, (G) Recharge, (H) Test, (I) Unused, (J) Withdraw, (K) Waste, (L) Destroyed W

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 no

Log data: D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 285 ft Meas. 319 accuracy 3

Depth cased: (first perf.) 280 ft Casing type: Steel Diam. 8 in

Finish: (C) concrete, (F) porous gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (I) open end, (J) perf., (K) screen, (L) sd. pt., (M) shored, (N) hole, (O) other S

Method: (A) air bored, (B) cable, (C) dug, (D) hyd jetted, (E) air rot., (F) percussion, (G) rotary, (H) reverse, (I) trenching, (J) driven, (K) drive wash, (L) other H

Date Drilled: 9-7-71 Pump intake setting: _____ ft

Driller: WATSON Co. name address

Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple, (F) multiple, (G) none, (H) piston, (I) rot, (J) submerg, (K) turb, (L) other Deep Shallow 40

Power (type): diesel, X nat gas, gasoline, hand, gas, wind, H.P. 40 LP Trans. or meter no. _____

Descrip. MP _____ ft above above LSD, Alt. MP _____

Alt. LSD: 190 Accuracy: (source) 5

Water Level: _____ ft above above MP; _____ ft below below LSD 36 Accuracy: D

Date meas: 7-7-71 Yield: _____ gpm 300 Method determined 61

Drawdown: _____ ft Accuracy: _____ Pumping period _____ hrs 68

QUALITY OF WATER DATA: Iron _____ ppm Sulfate _____ ppm Chloride _____ ppm Hard. _____ ppm

Sp. Conduct _____ K x 10 6 Temp. _____ °F Date sampled _____

Taste, color, etc. _____

Well No.

G-72

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

Geologic CARD

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

D Drainage Basin: **134** Subbasin: _____

eter a **RAV**
Topo of well site: (D) (C) (E) (F) (R) (K) (L) depression, stream channel, dunes, flat, hilltop, sink, swamp, (S) (P) (T) (U) (V) offshore, pediment, hillside, terrace, undulating, valley flat _____

MAJOR AQUIFER: _____ system series **K3** aquifer, formation, group **M5**

Lithology: **US** Origin: **0** Aquifer Thickness: **54** ft

Length of well open to: _____ ft **33** Depth to top of: _____ ft **285**

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: **6" ST. Steel**

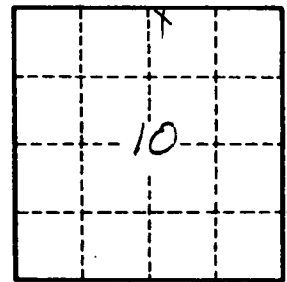
Depth to consolidated rock: _____ ft _____ Source of data: _____

Depth to basement: _____ ft _____ Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ gpd/ft _____ Coefficient Storage: _____

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



Well No. _____

G-72

CODED

LOWNDES
G-72
7-27-71

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

WATER WELL DRILLERS LOG

CODED

JULY 27 1971 WATSON Co LOWNDES
date well completed firm name county well located

LANDOWNER:	description of formations encountered	from	to
<u>COLUMBUS COUNTRY CLUB</u>			
<u>COLUMBUS, MISS.</u> (mailing address)	<u>SURFACE CLAY</u>	<u>0</u>	<u>16</u>
	<u>SAND</u>	<u>16</u>	<u>20</u>
WELL LOCATION: sec. <u>10</u> T. <u>18</u> S. R. <u>18</u> E. <u>1</u> miles <u>NE</u> of <u>COLUMBUS</u> (distance) (direction) (nearest town)	<u>PEA GRAVEL</u>	<u>20</u>	<u>27</u>
	<u>CLAY STREAKED WITH SAND</u>	<u>27</u>	<u>75</u>
WELL PURPOSE: <u>IRRIGATION</u> (home, irrigation, municipal, industrial)	<u>SHALEY CLAY WITH HARD STREAKS</u>	<u>75</u>	<u>177</u>
WELL COMPLETION DATA: (1) diameter (inches) <u>8"</u>	<u>HARD ROCK</u>	<u>177</u>	<u>177</u>
(2) total depth (feet) <u>312' 7"</u>	<u>SHALE</u>	<u>178</u>	<u>181</u>
(3) static water level (feet) <u>36</u> below top of ground.	<u>ROCK</u>	<u>181</u>	<u>181</u>
(4) casing <u>STEEL</u> , <u>285' 4"</u> (material) (depth)	<u>SHALE</u>	<u>182</u>	<u>186</u>
(size) If telescope see back.	<u>ROCK</u>	<u>185</u>	<u>186</u>
(5) screen <u>33' 3"</u> , <u>280' 10"</u> (length) (depth to top)	<u>SHALE, SAND STRKS.</u>	<u>186</u>	<u>235</u>
<u>6" I.D.</u> , <u>STAINLESS STEEL</u> (size) (material)	<u>HARD CLAY</u>	<u>235</u>	<u>285</u>
(6) pump <u>40</u> <u>300 GPM</u> (HP) (yield gpm)	<u>MED. SAND</u>	<u>285</u>	<u>319</u>
<u>ELEC.</u> (type power)	<u>FINE SAND</u>	<u>319</u>	<u>339</u>
(7) electric log <u>No</u> (yes or no)			
(organization running log)			
(8) how well bottom plugged <u>B.P.</u> <u>VALVE</u>			
DRILLERS REMARKS:			

CODED

AUG 25 1971

MISS. BO. OF WATER COMM.