

WELL SCHEDULE

DEC 10 1974

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

PUNCHED

Record by WTO Source of data Bowc Date 1/66 Map \_\_\_\_\_  
 State MISS 28 County Desota 17  
 Latitude: 34<sup>deg</sup> 54<sup>min</sup> 38<sup>sec</sup> N Longitude: 09<sup>deg</sup> 01<sup>min</sup> 23<sup>sec</sup> W Sequential number: 1  
 Lat-long accuracy: 4<sup>min</sup> 2<sup>sec</sup> S R 10<sup>min</sup> W 13<sup>sec</sup> B & M  
 Local well number: E041 1302 S10W Other number: \_\_\_\_\_  
 Local use: 064 Owner or name: TRACT O Lake Plantation  
 Owner or name: TRACT O LAND PL Address: Lake Cormorant

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, (S) Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other H  
 Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed. W  
 DATA AVAILABLE: Well data  Freq. W/L meas.:  Field aquifer char.   
 Hyd. lab. data:   
 Qual. water data; type:   
 Freq. sampling:  Pumpage inventory:  period:   
 Aperture cards:  Log data: D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1560 ft Meas. 3  
 Depth cased: (first perf.) 1530 ft Casing type: \_\_\_\_\_; Diam. 8x4 in 8  
 Finish: (C) concrete, (F) porous gravel w. (perf.), (G) gravel w. (screen), (H) horiz. open perf., (I) screen, (J) sd. pt., (K) shored, (L) open hole, (M) other S  
 Method: (A) air bored, (B) cable, (C) dug, (D) hyd jetted, (E) air rot., (F) reverse trenching, (G) driven, (H) air percussion, (I) rotary, (J) wash, (K) other H  
 Date Drilled: 6/59 9/59 Pump intake setting: \_\_\_\_\_ ft \_\_\_\_\_  
 Driller: Jaime  
 Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple, (F) cent., (G) multiple, (H) turb., (I) none, (J) piston, (K) rot, (L) submerg, (M) turb, (N) other Deep Shallow  
 Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P. Trans. or meter no.  
 Descrip. MP \_\_\_\_\_ ft above \_\_\_\_\_ ft below LSD, Alt. MP \_\_\_\_\_  
 Alt. LSD: \_\_\_\_\_ Accuracy: (source) \_\_\_\_\_  
 Water Level \_\_\_\_\_ ft above \_\_\_\_\_ ft below LSD 7 Accuracy: \_\_\_\_\_  
 Date meas: 6/59 Yield: \_\_\_\_\_ gpm 40 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.

Latitude-longitude \_\_\_\_\_  
d m s d m s

**HYDROGEOLOGIC CARD**

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

Drainage Basin: D 15E Subbasin: \_\_\_\_\_

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

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

Lithology: \_\_\_\_\_ Origin: 2 Aquifer Thickness: 80 ft

Length of well open to: 80 ft Depth to top of: 30 ft A49 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: \_\_\_\_\_

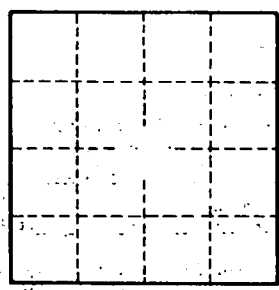
Depth to basement: \_\_\_\_\_ ft Source of data: \_\_\_\_\_

Surficial material: \_\_\_\_\_ Infiltration characteristics: \_\_\_\_\_

Coefficient Trans: \_\_\_\_\_ gpd/ft Coefficient Storage: \_\_\_\_\_

Coefficient Perm: \_\_\_\_\_ gpd/ft; Spec cap: \_\_\_\_\_ gpm/ft; Number of geologic cards: \_\_\_\_\_

Description & Color of Materials Sand, Clay, Red Clay, Shale, etc.	Thickness Feet	Depth Feet
Sandy clay	10	10
Gumbo	20	30
Fine sand	15	45
Coarse sand & gravel	81	126
Boulders	4	130
Gumbo	90	220
Coarse sand	78	298
Sandy shale	57	355
Coarse sand	32	387
Shale	88	475
Rock	1	476
Sandy shale	44	520
Medium sand	76	596
Shale	9	605
Sand	20	625
Shale	16	641
Sandy shale	249	890
Broken sandy shale	165	1055
Hard gumbo	16	1071
Rock	1	1072
Hard gumbo	10	1082
Rock	2	1084
Hard gumbo	216	1300
Sand	19	1319
Shale	61	1380
Sand	29	1409
Sandy shale	15	1424
Sand	58	1482
Brake	3	1485
Good white sand	80	1565
Brake	2	1567
Sand	2	1569
Tough gumbo	11	1580



Well No. \_\_\_\_\_