

FORM 9-1642 (1-68)

Well No.

A29 MAY 21 1975

Info on this well was up dated 9/76

STADJ 345754090062701

298 WELL SCHEDULE

Elog # 23

U. S. DEPT. OF THE INTERIOR GEOLOGICAL SURVEY WATER RESOURCES DIVISION  
345754090062701 HORN LAKE QUAD 298

MASTER CARD

Water Level Data  
11/1/82  
WL = 142.66

Record by WJO Source of data Obs driller Date 2-2-73 Map  
State MISSISSIPPI County DE SOTO

Latitude: 34 57 54 N Longitude: 090 06 27 W  
Lat-long Accuracy: 20' T 10' R 9' S 25' SE 25' SE 30' SW

Local well number: A029DCZ501S09N Other number: B & M

Local use: 005023 Owner or name: MS LAKE CORP

Owner or name: WALLS W A Address: FORMLY LAKE FOREST SUB

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

Use of water: Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec

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

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

Hyd. lab. data: [ ]

Qual. water data; type: [ ]

Freq. sampling: [ ] Pumpage inventory: no, period: [ ]

Aperture cards: [ ]

Log data: Elog 10' - 1668'

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1580 Meas. 3

Depth cased (first perf.): 1500 Casing type: 12 Diam: 12

Finish: porous concrete, gravel w. screen, gravel w. gallery, open end, other

Method Drilled: air rot, bored, cable, dug, hyd jetted, air percuss, reverse, trenching, driven, drive wash, other

Date Drilled: 10-15-74 9:74 Pump intake setting: [ ]

Driller: CARLOSS MEMPHIS

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

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 75 Trans. or meter no. V

Descrip. MP 2 ft above LSD, Alt. MP

Alt. LSD: 305 Accuracy: (source) topo 20'

Water Level: 80 Accuracy: [ ]

Date meas: 9:74 Yield: [ ] Method determined: [ ]

Drawdown: [ ] Accuracy: [ ] Pumping period: [ ]

QUALITY OF WATER DATA: Iron, Sulfate, Chloride, Hard, Sp. Conduct, Temp.

Taste, color, etc.

12/1/88  
WL = 129.45  
R.R

30: 120 / 184  
11/30/79  
174  
63  
123 37  
20  
121.37

Test well Z

Well No.

**HYDROGEOLOGIC CARD**

**SAME AS ON MASTER CARD** Physiographic Province: \_\_\_\_\_ 0.3 Section: \_\_\_\_\_

**D** 115E Subbasin: \_\_\_\_\_

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

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

**Lithology:** \_\_\_\_\_ **S** \_\_\_\_\_ **Origin:** \_\_\_\_\_ **Aquifer Thickness:** \_\_\_\_\_ ft

**160** Length of well open to: \_\_\_\_\_ ft **80** Depth to top of: \_\_\_\_\_ ft **1500-1660**

**MINOR AQUIFER:** \_\_\_\_\_ aquifer, formation, group \_\_\_\_\_ Aquifer Thickness: \_\_\_\_\_ ft

**Lithology:** \_\_\_\_\_ **Origin:** \_\_\_\_\_ **Thickness:** \_\_\_\_\_ ft

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

**Intervals Screened:** \_\_\_\_\_

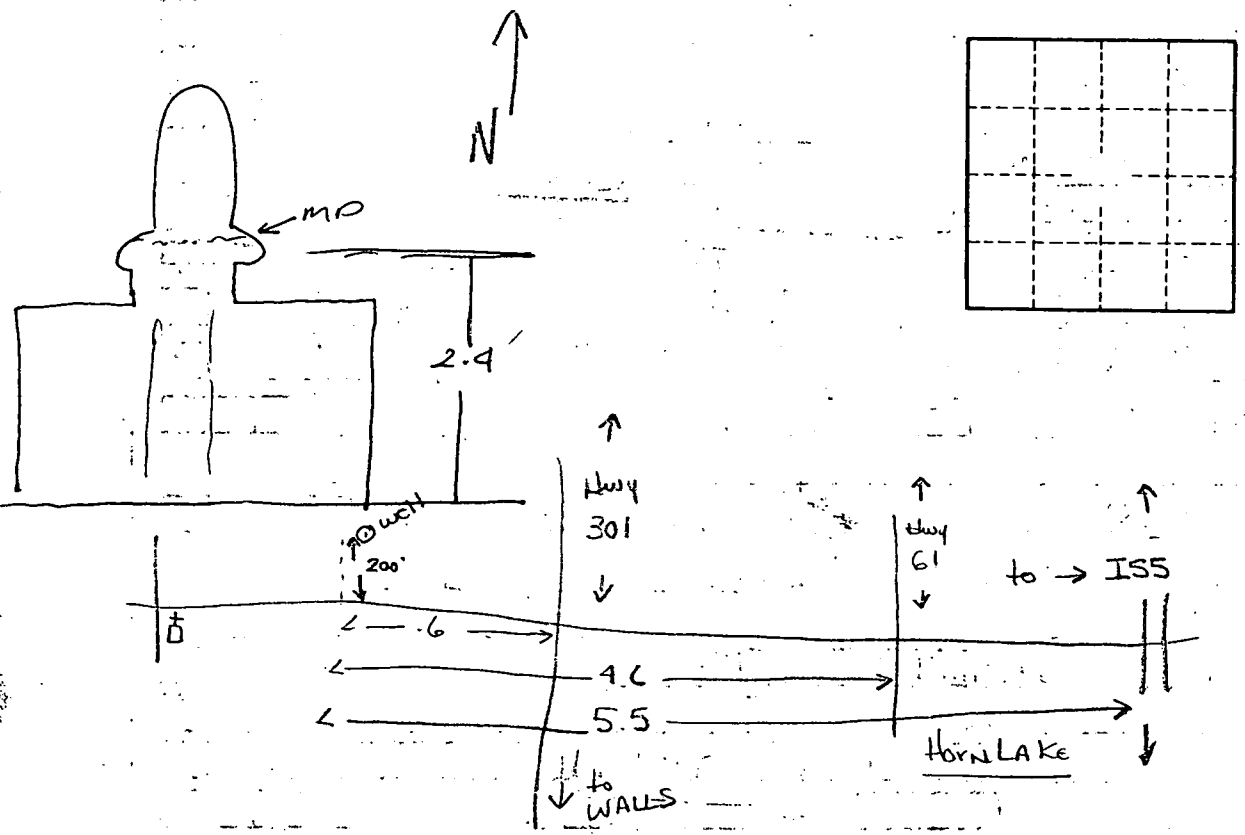
**Depth to consolidated rock:** \_\_\_\_\_ ft \_\_\_\_\_ **Source of data:** \_\_\_\_\_

**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: \_\_\_\_\_



CORPS OF ENGINEERS  
Memphis

