

**HYDROGEOLOGIC CARD**

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

D Drainage Basin: 16R Subbasin: \_\_\_\_\_

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

**MAJOR AQUIFER:** TE SPRT SS  
system series aquifer, formation, group

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

Length of well open to: \_\_\_\_\_ ft Depth to top of: \_\_\_\_\_ ft 30.5

**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: 8" SS

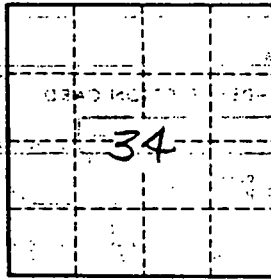
Depth to consolidated rock: \_\_\_\_\_ ft Source of data: \_\_\_\_\_

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: \_\_\_\_\_



B33

FORM 9-1642 (1-68)

Well No. B33

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

PUNCHED

MASTER CARD

Record by JCM Source of data BOWC Date 5-72 Map HORN LAKE 29B  
 State 28 County (or town) De Soto 17  
 Latitude: 34<sup>58</sup> 5<sup>7</sup> 2<sup>3</sup> 3<sup>N</sup> Longitude: 09<sup>0</sup> 0<sup>2</sup> 1<sup>0</sup> Sequential number: 1  
 Lat-long accuracy: 5 T 1 S R 8 Sec 34 degrees SW NW SE ENE (?)  
 Local well number: B033 3401508W Other number: NW/SW/SW/NW  
 Local use: 064 Owner or name: HORN LAKE UTIL

01/31/89  
97.04

Owner or name: DELTA UTILITY Address: Horn Lake  
 Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist N  
 (C) (F) (N) (P) (S) (W)

Use of Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, At elevated tank  
 water: (S) (T) (U) (V) (W) (X) (Y) (Z) MU Z  
 Stock, Inscit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other

Use of (A) (D) (G) (H) (I) (P) (R) (T) (U) (W) (X) (Z) W  
 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: SPRT yes   
 Log data: D

WELL-DESCRIPTION CARD

SAME AS-ON MASTER CARD Depth well: 368 Meas. 3  
 (first perf.) ft. 297 Casing type: Steel ; Diam. in 12  
 accuracy

Finish: porous concrete, gravel w. (perf.), gravel w. (screen), horiz. gallery, open end, other S  
 Method: (A) (B) (C) (D) (H) (J) (P) (R) (T) (V) (W) (Z) H  
 Drilled: air bored, cable, dug, hyd. jetted, air percuss, rotary, reverse trenching, driven, drive wash, other H

Date Drilled: 9.7.2 Pump intake setting:  ft.

Driller: Singer Laine  
 Lift (type): (A) (B) (C) (J) multiple, multiple, none, piston, rot, submerg, turb, other T Deep  Shallow

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 30  Trans. or meter no.

Descrip. MP 263 ft above below LSD, Alt. MP  
 Alt. LSD: 260 Accuracy: (source) 4

Water Level: 60 Accuracy: D  
 Date meas: 9.7.2 Yield: 500 gpm Method determined 1

Drawdown:  Accuracy:  Pumping period:  hrs

QUALITY OF WATER DATA: Iron  Sulfate  Chloride  Hard.   
 Sp. Conduct  K x 10  Temp. \*F  Date sampled

Taste, color, etc.

Well No.

W  
W  
W

10-11-77  
11:55 AM

10-11-77 11:55 AM