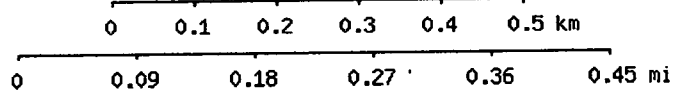


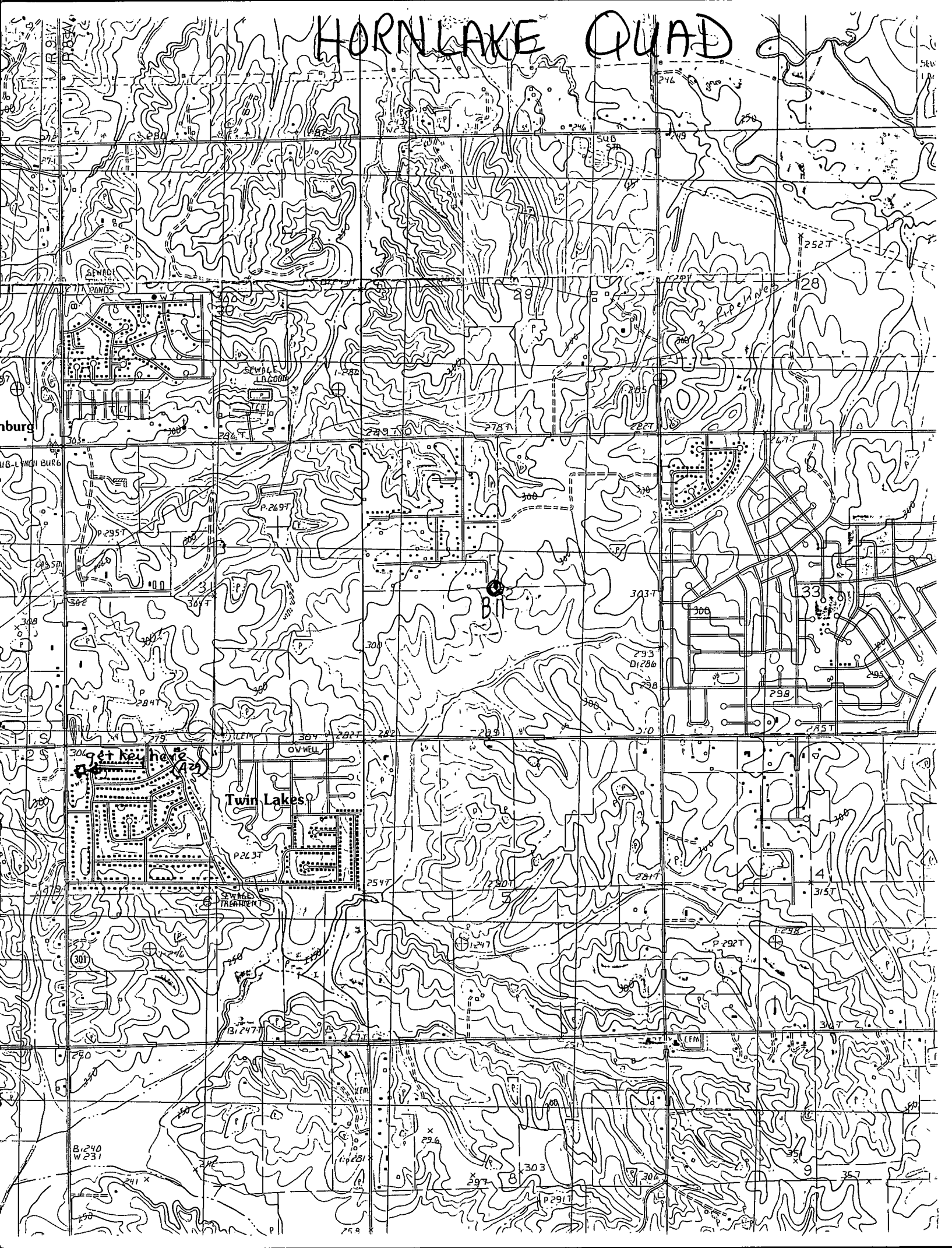
B11



Map center is 34° 57' 19"N, 90° 04' 14"W (WGS84/NAD83)
Horn Lake quadrangle
 Projection is UTM Zone 15 NAD83 Datum

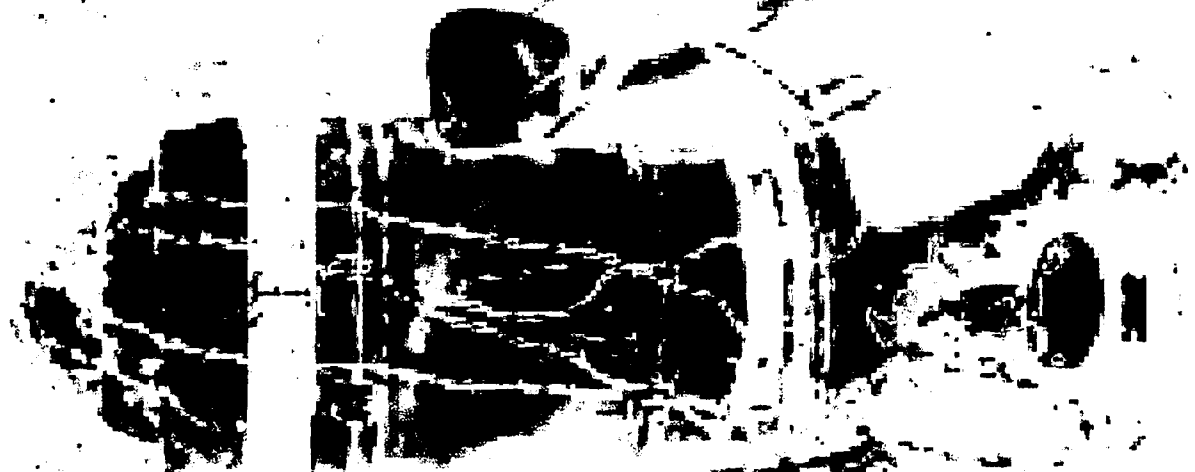
MK
 G
 M=0.036
 G=1.68

HORN LAKE QUAD



B11. De Soto Co. 4/11/2000

113



USGS # B11 COUNTY DESOTO

WELL OWNER HORN LAKE

DATE 11/10/03 PARTY DLH / CAE

MS-DOH# _____ MS-GW# _____

LOCATION (1/4,1/4,S,T,R) _____

QUAD _____ PIC# _____

LATITUDE 34.95534 LONGITUDE 90.67056

MEASURING POINT _____

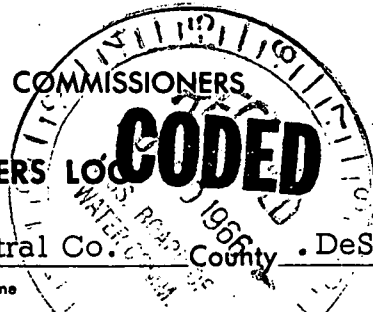
TAPE DOWN #	1	2	3	4
HELD				
CUT				
DIFFERENCE				
MP CORRECTION				
DEPTH TO WATER				
ELEVATION				
W.L. TO MSL				

COMMENTS: _____

DeSoto
B11
11-66

MISSISSIPPI BOARD OF WATER COMMISSIONERS

WATER WELL DRILLERS LOG



Date: 11-3-1966, Driller: Layne-Central Co. DeSoto County, DeSoto

(Name)

(1) Owner of Land: Goodman Water Assn.
(Name)
Horn Lake, Mississippi
(Address)

(2) Location: 1/4, NW 1/4, Sec. 32 T18R6W
_____ miles _____ of _____
(distance) (direction) (Nearest Town)

(3) Topography: _____
(Hilly) (Flat) (Level)

(4) Purpose of Well: municipal
(Domestic Irrigation
Municipal, Industrial, Other)

Description & Color of Materials Sand, Clay, Red-Clay, Shell, etc.	Thick- ness Feet	Depth Feet
Clay	36	36
sand and gravel	29	65
clay	4	69
sand & gravel	49	118
clay & sand sts.	33	151
clay	119	270
sandy clay	34	304
fine sand	23	327
sand	35	362
sand	30	392

Information upon completion of well:

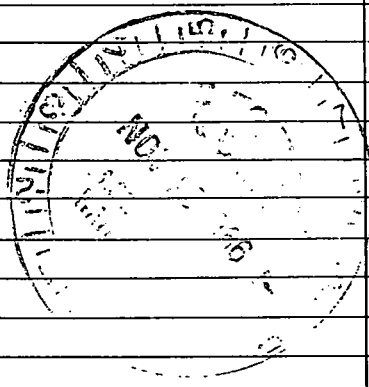
- (1) Diameter 8 inches.
- (2) Total Depth 392 feet.
- (3) Water Level 88 feet below top of ground.
- (4) Cased to 353', Size 8"
- (5) Screen: Size 6", Length 35'
- (6) Were any formations sealed against pollution?
X yes, _____ no.

If YES depth of formation 353'

Why _____ required

Drillers Remarks: _____

CODED



(Use Back Side)

Well No.

Retain this copy for your office files.

Well No. B11

Latitude-longitude N
S

HYDROGEOLOGIC CARD

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

D Drainage Basin: 16R Subbasin: _____

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

MAJOR AQUIFER: system _____ series TE aquifer, formation, group SPRT 35

Lithology: U3 Origin: Z Aquifer Thickness: 88 ft.

Length of well open to: _____ ft 35 Depth to top of: _____ ft 309

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"

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: _____

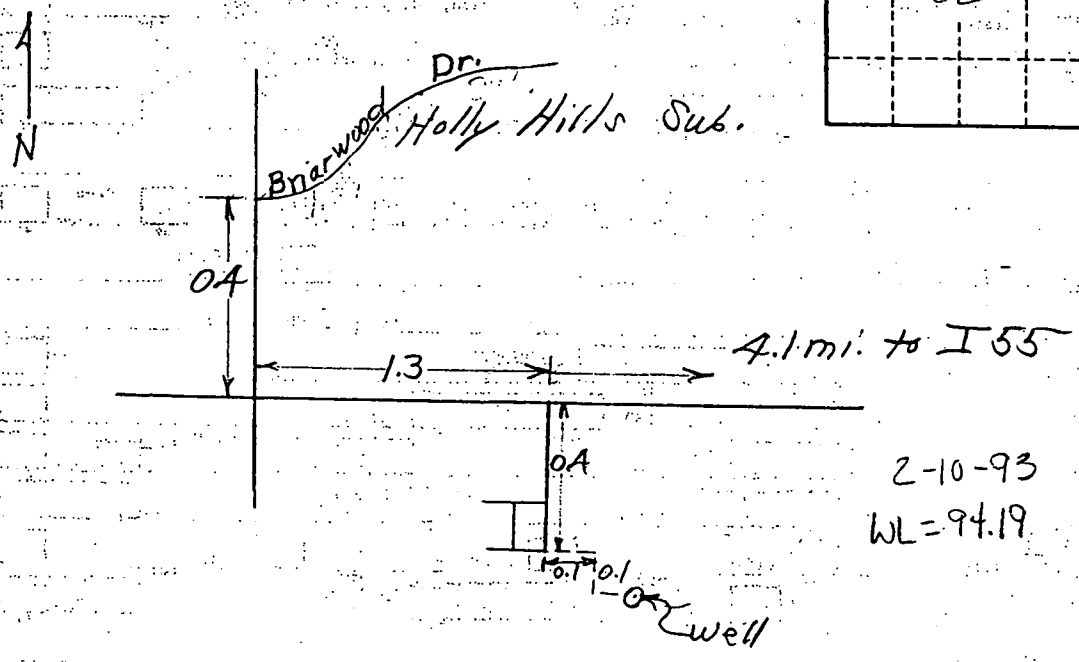
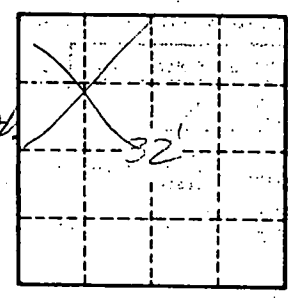
Coefficient Perm: _____ gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____

Nov. 1966
 water level by driller = 88' below top

Calculation:

$$\begin{array}{r} 353 \\ - 35 \\ \hline 318 \end{array}$$

$$\begin{array}{r} 392 \\ - 35 \\ \hline 357 \end{array}$$



2-10-93
 WL = 94.19

FORM 9-1642 (1-68)

Well No. B11

WELL SCHEDULE

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

MASTER CARD JAC

Singer - Laque *Cranch* *10/20/75* **PUNCHED**
Record by B.D. Source of data BOWC Date 4-71 Map Horn Lake

✓ MDT

DEC 9 1974

State 0 28 County De Soto (or town) 16 W 1 7

Latitude: 34 57 29 N Longitude: 09 00 43 W Sequential number: 1

Lat-long accuracy: 4 T. 1 S. R. 8 Sec 32 SE SE NW

Local well number: B011AD B3201508 W Other number: B & H

Local use: 064 Owner or name: G. D. MAN W A

Owner or name: G. D. MAN W A Address: Horn Lake

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist 87481 N

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

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

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

Hyd. lab. data:

Qual. water data: type: USGS 7/74

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

Aperture cards: SPRT yes

Log data:

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 388 Meas. 3

Depth cased: 353 Casing type: 8X6 in 8

Finish: porous concrete, gravel w. (perf.), gravel w. (screen), gravel w. (gallery), gravel w. (open end), gravel w. (shored), gravel w. (open hole), gravel w. (other)

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

Date Drilled: 9 6 6 Pump intake setting: ft

Driller: Singer - Cen address:

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

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P. 10 Trans. or meter no. 10

Descrip. MP 290 ft above LSD, Alt. MP ft below LSD

Alt. LSD: 340 Accuracy: 3

Water Level: 89 ft above MP; ft below LSD Accuracy: A

Date meas: 7 7 4 Yield: @ 10 # gpm 150 Method determined

Drawdown: ft Accuracy: hrs

QUALITY OF WATER DATA: Iron 80 ppm Sulfate ppm Chloride ppm Hard. ppm

Sp. Conduct 80 K x 10⁶ Temp 17.5 °C 17.5 Date sampled 7-10-74 774

Taste, color, etc. pH = 5.7

TRANSMITTED FOR ADP

u-pu
u-tou
W
3193

Well No.

911