

WELL SCHEDULE

Log # 215

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by M. Smith Source of data Old Records Date 6/70 Map Madison

State Miss County Madison Sequential number: 2

Latitude: 32° 27' 26" N Longitude: 090° 06' 16" W

Local well number: W1040 0807N02E Other number: _____

Local use: 064215 Owner or name: MADISON Address: _____

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

Use of water: ML

Use of well: W

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

Hyd. lab. data: _____

Qual. water data; type: MSBOM 8/64

Freq. sampling: _____ Pumpage inventory: _____

Aperture cards: CCRF

Log data: _____

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 578 ft Meas. rept accuracy 6

Depth cased: 518 ft Casing type: SI Diam. 16x10 in

Finish: S

Method Drilled: H

Date Drilled: 1964 9:64 Pump intake setting: 27.7 ft

Driller: _____

Lift (type): 7 Deep Shallow

Power (type): 20 V Trans. or meter _____

Descrip. MP: 328 ft above below LSD, Alt. MP

Alt. LSD: 33.0 Accuracy: 5

Water Level: 135 ft above below MP; Ft below LSD: 135 Accuracy: 9

Date meas: 1964 6:4 Yield: 175 60# gpm 215 Method determined: _____

Drawdown: _____ Accuracy: _____ Pumping period: _____ hrs

QUALITY OF WATER DATA: Iron 2 Sulfate 49.9 Chloride 24 Hard. 55

Sp. Conduct: _____ K x 10⁶ Temp. _____ Date sampled: _____

Taste, color, etc. _____

PUNCHED and VERIFIED

Well No. W 40

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

HYDROGEOLOGIC CARD

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

Drainage Basin: D 15K Subbasin: _____

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

MAJOR AQUIFER: system _____ series TE aquifer, formation, group CP

Lithology: US Origin: 2 Aquifer Thickness: 66 ft
Length of well open to: _____ ft Depth to top of: _____ ft

MINOR AQUIFER: system _____ series _____ aquifer, formation, group _____
Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

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

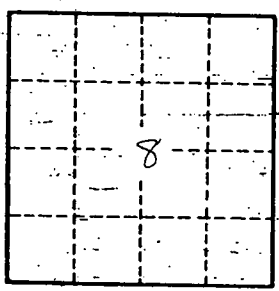
Intervals Screened: 6"

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

Depth to basement: _____ ft Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

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



Well No. W 2

MADISON MISSISSIPPI BOARD OF WATER COMMISSIONERS

W 40
10-15-64

WATER WELL DRILLERS LOG

CODED

Date: Oct. 15, 1964, Driller: Layne-Central Co. County Madison
(Name)

(1) Owner of Land: Town of Madison
(Name)
Madison, Mississippi
(Address)

(2) Location: 1/4, 1/4, Sec. 8 T 7 R 2E
_____ 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
top soil	5	5
yellow clay	25	30
blue (Yazoo) clay	59	89
shale	227	316
shale-stks sand	45	361
shale	46	407
sandy shale	114	521
sand	66	587
shale	3	590

Information upon completion of well:

(1) Diameter 10 inches.

(2) Total Depth 589 feet.

(3) Water Level 133 feet below top of ground.

(4) Cased to 518', Size 10"

(5) Screen: Size 6", Length 60'

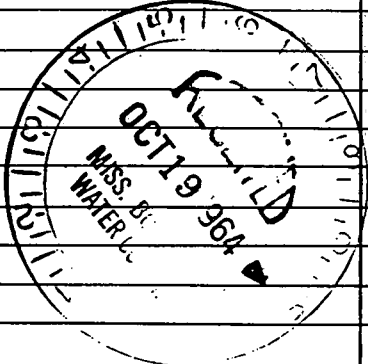
(6) Were any formations sealed against pollution?
X yes, _____ no.

CODED

If YES depth of formation 518'

Why _____ required

Drillers Remarks: _____



(Use Back Side)

Well No.

Mail this copy to Board of Water Commissioners 429 Miss. St. Jackson, Miss

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): AR DATE: 9-13-94

UNIT DEQ #: 84090 FILE #: 8091318A

HEALTH DEPT. #: 450010-01 ELEV. 320

USGS #: W40 OLWR #: GW01526

OWNER: city of madison QUAD: MADISON

LOCATION: SE/SW S 8 T 7N R 2E COUNTY: MADISON

LOCATION DESCRIPTION: Well located in wooden fence,
2 businesses NW + NE of well

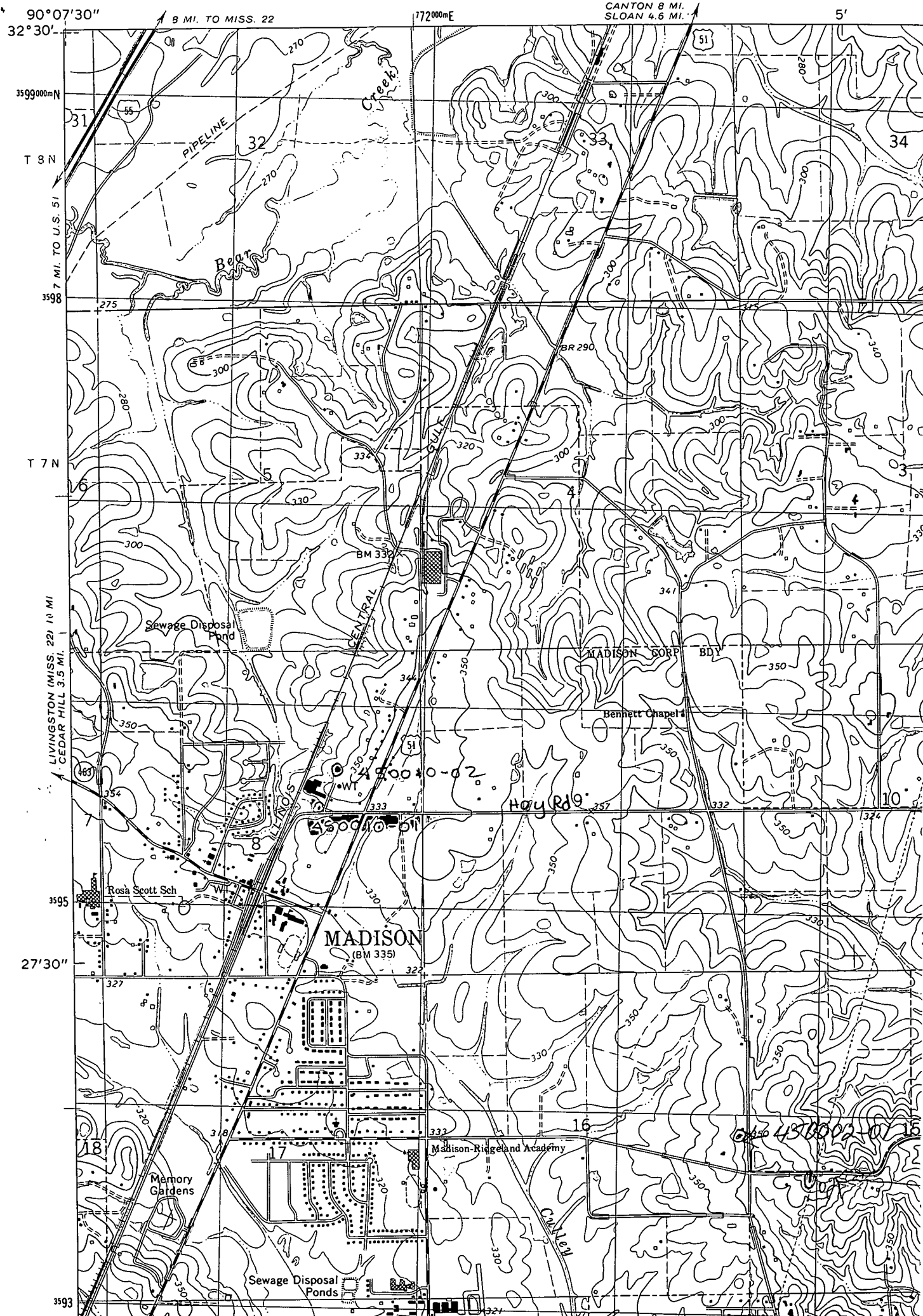
CASING DIA: _____ PUMP TYPE & SIZE: Turbine 150 HP

GPS FIELD LOCATION: LAT. 32.27.902 N LONG. 90.06.702 W

GPS CORRECTED LOCATION: LAT. 3246S25184 LONG. 90.11180670

REMARKS: Baxter Business, Engkam Entp.

GEOLOGICAL SURVEY



90°07'30" 32°30'

8 MI. TO MISS. 22

772000mE

CANTON 8 MI. SLOAN 4.6 MI.

5'

3599000mN

T 8 N

7 MI. TO U.S. 51

3598

T 7 N

LIVINGSTON (MISS. 22) 10 MI CEDAR HILL 3.5 MI.

3595

27'30"

3593

PIPELINE

Bear Creek

Sewage Disposal Pond

MADISON (BM 335)

Memory Gardens

Sewage Disposal Ponds

Madison-Ridgeland Academy

MADISON CORP BDY

Bennett Chapel

Hay Rd

Handwritten annotations: 450000-011, 450000-02

Handwritten annotations: 430002-015