

Well No. M35 N46

WELL SCHEDULE

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

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

MASTER CARD

Record by: _____ Source of data: _____ Date: _____ Map: CANTON 2090

State: 323712 County: 28 (or town) 090207 Madison 45

Latitude: 32 36 17 N Longitude: 09 00 21 8 Sequential number: 4

Lat-long accuracy: 30 10 9 0 3 18 18 2 NS NE SE SE

Local well number: 1035 AA 2500 N O R E Other number: #4

Local use: 104 Owner or name: CANTON Address: _____

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

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (S) Stock, Inactit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other MU

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: no; period: _____

Aperture cards: SPRT yes

Log data:

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 978 ft 974 Meas. rept accuracy

Depth cased: 914 ft Casing type: _____; Diam. in 7

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, end, (I) open end, (J) screen, (K) sd. pt., (L) shored, (M) open hole, (N) other G

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

Date Drilled: 962 Pump intake setting: _____ ft 167

Driller: Lagye Central 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.P. 100 hp Trans. or meter no. _____

Descrip. MP 237 240 231 ft above below LSD, Alt. MP

Alt. LSD: 219 Accuracy: (source) 5

Water Level: 50 ft above below MP; 50 ft above below LSD Accuracy: D

Date meas: 563 Yield: 100 gpm 1000 Method determined 61

Drawdown: _____ ft Accuracy: _____ Pumping period _____ hrs _____

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

Sp. Conduct _____ K x 10⁶ Temp. _____ °F Date sampled _____

Taste, color, etc. _____

Well No. 1

Latitude-longitude d m s N S d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD
Physiographic Province: 03 Section: 20 21
Drainage Basin: D 15K Subbasin: 24

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

MAJOR AQUIFER: system _____ series T E aquifer, formation, group S S

Lithology: U S Origin: 2 Aquifer Thickness: 175 ft
Length of well open to: _____ ft 60 Depth to top of: _____ ft 62

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: 11 11
Depth to consolidated rock: _____ ft _____ Source of data: _____

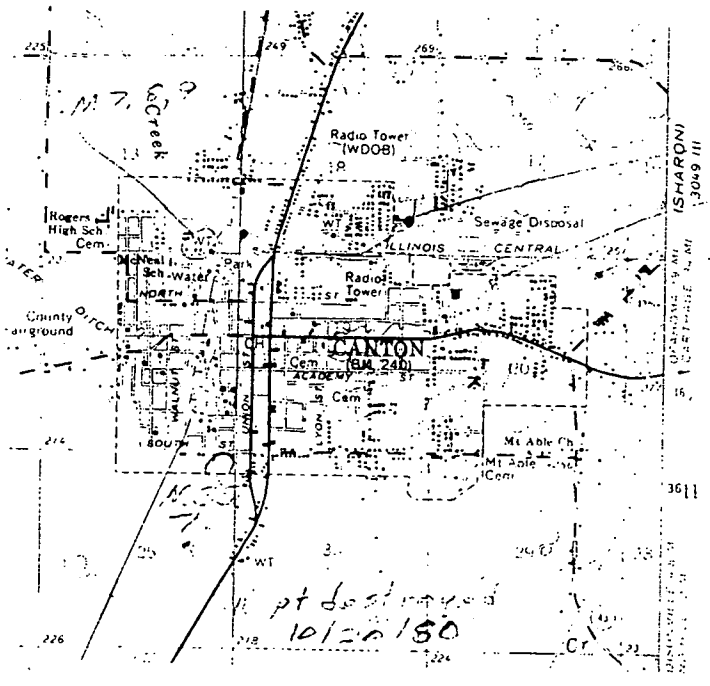
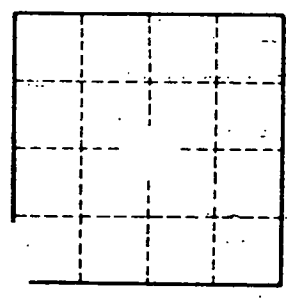
Depth to basement: _____ ft _____ Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ gpd/ft _____ Coefficient Storage: _____

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

WL- 10/20/84 - 130.40



pt destroyed 10/20/80

MADISON

MISSISSIPPI BOARD OF WATER COMMISSIONERS

M35
SECRET

CODED

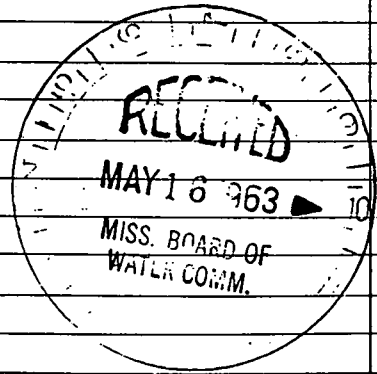
5-14-63 N46

WATER WELL DRILLERS LOG

Date: 5-14-1963, Driller: Layne-Central Co. County: Madison
(Name)

	Description & Color of Materials Sand, Clay, Red Clay, Shell, etc.	Thick- ness Feet	Depth Feet
(1) Owner of Land: <u>Public Utility Comm.</u> (Name): <u>Canton, Mississippi</u> (Address)	cinders	1	0
(2) Location: <u>NE 1/4, NE 1/4, Sec. 25, T9R2E</u> <u>SE/SE S 18 T9N R3E</u> miles _____ of _____ (distance) (direction) (Nearest Town)	yellow clay	19	20
(3) Topography: _____ (Hilly) (Flat) (Level)	brittle clay	13	33
(4) Purpose of Well: <u>Municipal</u> (Domestic Irrigation Municipal, Industrial, Other)	blk. sand & shells	47	80
<u>On Industrial Drive</u> Information upon completion of well:	sandy clay	20	100
(1) Diameter <u>18"</u> inches.	sandy clay shells & clay	40	240
(2) Total Depth <u>974</u> feet.	sand	16	356
(3) Water level <u>50</u> feet below top of ground.	sand & clay stks	77	433
(4) Cased to <u>901'</u> , Size <u>18"</u>	sandy clay	42	575
(5) Screen: Size <u>10"</u> , Length <u>60'</u>	find sand	15	590
(6) Were any formations sealed against pollution? <u>x</u> yes, _____ no.	sandy clay stks of clay	38	728
If YES depth of formation <u>901'</u>	shale sandy stks	22	750
Why <u>required</u>	fine sand & shale	41	791
Drillers Remarks: _____	fine H.P. sand	34	825
_____	sandy shale	8	833
_____	pk. sand	38	970
_____	sand & stks shale	13	983

CODED



(Use Back Side)

Well No.

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): AR + ST DATE: 9/12/94

UNIT DEQ #: 84090 FILE #: B091216C

HEALTH DEPT. #: 450006-01 ELEV. 250

USGS #: N46 OLWR #: GW1411

OWNER: Canton Municipal Util QUAD: Canton

LOCATION: Industrial Dr. S 18 T 9N R. 3E COUNTY: Madison

LOCATION DESCRIPTION: across from Van Leer Packaging Co.

CASING DIA: 18" PUMP TYPE & SIZE: Turkum 125HP

GPS FIELD LOCATION: LAT. 32.37.198N LONG. 90.01.357W

GPS CORRECTED LOCATION: LAT. 32.61625801 LONG. 90.01712911

REMARKS: Muller St. Right on Industrial Dr. went .15, cross railroad tracks on Muller St. go to Industrial Dr. Turn left, well approx. .15 on left.

this location or 6-03

32° 37' 12" 90° 01' 19"
32.6201 90.0219

7.5 MINUTE SERIES (TOPOGRAPHIC)

SE/4 CANTON 15' QUADRANGLE

3049 II (SHARON)

13 2' 30" R2E R3E 780 600000 FEET 781 90° 00' 32° 37' 30"

