

GW01527
0450010-02
MAY 28 1978
PUNCHED

FORM 9-1642
(1-68)

Well No. W61

WELL SCHEDULE
GEOLOGICAL SURVEY

U. S. DEPT. OF THE INTERIOR

WATER RESOURCES DIVISION

Elog # 229

MASTER CARD

Record by Q Source of data Bowc MSGS Date 3/74 Map Madison
 State Miss County 218 (or town) MADISON 4.5
 Latitude: 32° 27' 59" N Longitude: 090° 06' 53" W Sequential number: 1
 Lat-long accuracy: 2 deg, 7 min, 2 sec S, R, W, Sec 8 SENEV, SW 1/4 NE 1/4
 Local well number: W061CA0807N02E Other number: T.H. #1 for well #3
 Local use: 064229 Owner or name: MADISON 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, (B) Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other _____ P
 Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed, (D) _____ W
 DATA AVAILABLE: Well data Freq. W/L meas.: Field aquifer char.
 Hyd. lab. data: _____
 Qual. water data; type: _____
 Freq. sampling: Pumpage inventory: yes/no period: _____
 Aperture cards: _____ yes _____
 Log data: Elog 12'-318', 348'-701 D.E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: _____ ft 60.1 Meas. _____ 3
 Depth cased: (first perf.) _____ ft 54.1 Casing type: _____; Diam. 16 x 8 in 16
 Finish: porous concrete, gravel w. (perf.), gravel w. (screen), horiz. gallery, open end, (H) horz. open perf., (P) screen, sd. pt., shored, open hole, (W) shored, open hole, (X) other _____ S
 Method: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd jetted, (J) air rot., (P) percussion, (R) reverse, (T) trenching, (V) driven, (W) drive wash, (X) other _____ H
 Date Drilled: 2-13-74 9:74 Pump intake setting: _____
 Driller: Singer Layne
 Lift (type): (A) air, bucket, cent, jet, (B) multiple, (C) multiple, (cent.), (L) none, (M) piston, (N) rot, (P) submerg, (R) turb, (S) other _____ Deep _____ Shallow _____
 Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 75 Trans. or meter no. _____
 Descrip. MP 340 above/below LSD, Alt. MP _____
 Alt. LSD: 335 Accuracy: (source) _____ 3
 Water Level: _____ ft above/below MP; Ft below LSD _____ Accuracy: _____
 Date meas: _____ Yield: _____ gpm 500 Method determined _____
 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. _____

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

HYDROGEOLOGIC CARD

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

Drainage Basin: D Subbasin: 15K

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (P) offshore, pediment, hillside, terrace, undulating, valley flat

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

Lithology: ZS Origin: 2 Aquifer Thickness: 180 ft

Length of well open to: _____ ft 60 Depth to top of: _____ ft 510

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: _____

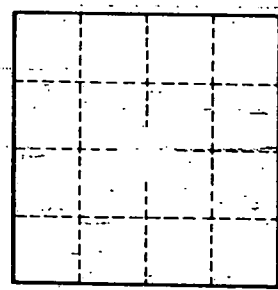
Depth to consolidated rock: _____ ft _____ Source of data: _____

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: _____



Well No. _____

MADISON
 K/61
 3-22-74
 E Coq# 229

MISSISSIPPI
 BOARD OF WATER COMMISSIONERS
 416 North State Street
 Jackson, Mississippi 39201

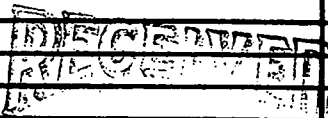
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WATER WELL DRILLERS LOG

3/22 1974 Singer-Lane Central Div Madison
 date well completed firm name county well located

LANDOWNER:	description of formations encountered	from	to
<u>Town of Madison</u>	<u>Top Soil</u>	<u>0</u>	<u>2</u>
<u>Madison, Miss</u> (mailing address)	<u>Hard yellow clay</u>	<u>2</u>	<u>30</u>
WELL LOCATION: sec. <u>8</u> T. <u>7</u> N. R. <u>2</u> E	<u>Yeggs Clay</u>	<u>30</u>	<u>280</u>
(distance) miles (direction) of (nearest town)	<u>Hard Shale</u>	<u>280</u>	<u>304</u>
WELL PURPOSE: <u>Municipal</u> (home, irrigation, municipal, industrial)	<u>Hard Limestone</u>	<u>304</u>	<u>334</u>
WELL COMPLETION DATA:	<u>Shale and Sand Strata</u>	<u>334</u>	<u>380</u>
(1) diameter (inches) <u>16"</u>	<u>Shale and Strs. of Lignite</u>	<u>380</u>	<u>466</u>
(2) total depth (feet) <u>607'</u>	<u>Shale and Fine Sand Strata</u>	<u>466</u>	<u>525</u>
(3) static water level (feet) _____ below/above top of ground	<u>Sand</u>	<u>525</u>	<u>622</u>
(4) casing <u>Steel</u> <u>532'</u> (material) (depth)	<u>Sand and Shale</u>	<u>622</u>	<u>705</u>
<u>16"</u> If telescope see back. (also <u>55' 7 8"</u>)			
(5) screen <u>60'</u> <u>541'</u> (length) (depth to top)			
<u>8"</u> <u>St. Steel W.W.</u> (size) (material)			
(6) pump <u>75</u> <u>500</u> (HP) (yield gpm)			
<u>Electric</u> (type power)			
(7) electric-log <u>Yes</u> (yes or no)			
<u>Miss. Geo. Survey</u> (organization running log)			
(8) how well bottom plugged <u>Valve</u>			
DRILLERS REMARKS:			

CODED



AUG 22 1974

MISS. B.J. WATER COMM

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): AP DATE: 9-13-94
UNIT DEQ #: 84090 FILE #: 0091318B
HEALTH DEPT. #: 450010-02 ELEV. 360
USGS #: W61 OLWR #: GW01527
OWNER: City of Madison QUAD: Madison
LOCATION: SE/SW S 8 T 7N R 2E COUNTY: Madison
LOCATION DESCRIPTION: Well N. of Well #1 in fenced
area behind Eggen Inter. 90 pass ground
tank down gravel pit
CASING DIA: _____ PUMP TYPE & SIZE: Turbine 175 HP
GPS FIELD LOCATION: LAT. 32.27.989 N LONG. 90.06.635 W
GPS CORRECTED LOCATION: LAT. 32.46707741 LONG. 90.11074872
REMARKS: Off Hwy 51 going N. TURN left on Main
St. go to Hoy St. just before R.R. Tracks.
Turn Right. Go approx. .5 m. to well on
left side of road in wooden fence.

1/2 from Main on Hoy St.

GEOLOGICAL SURVEY

90°07'30"
32°30'

8 MI. TO MISS. 22

1720000E

CANTON 8 MI.
SLOAN 4.6 MI.

5'

3596000N

T 8 N

7 MI. TO U.S. 51

3598

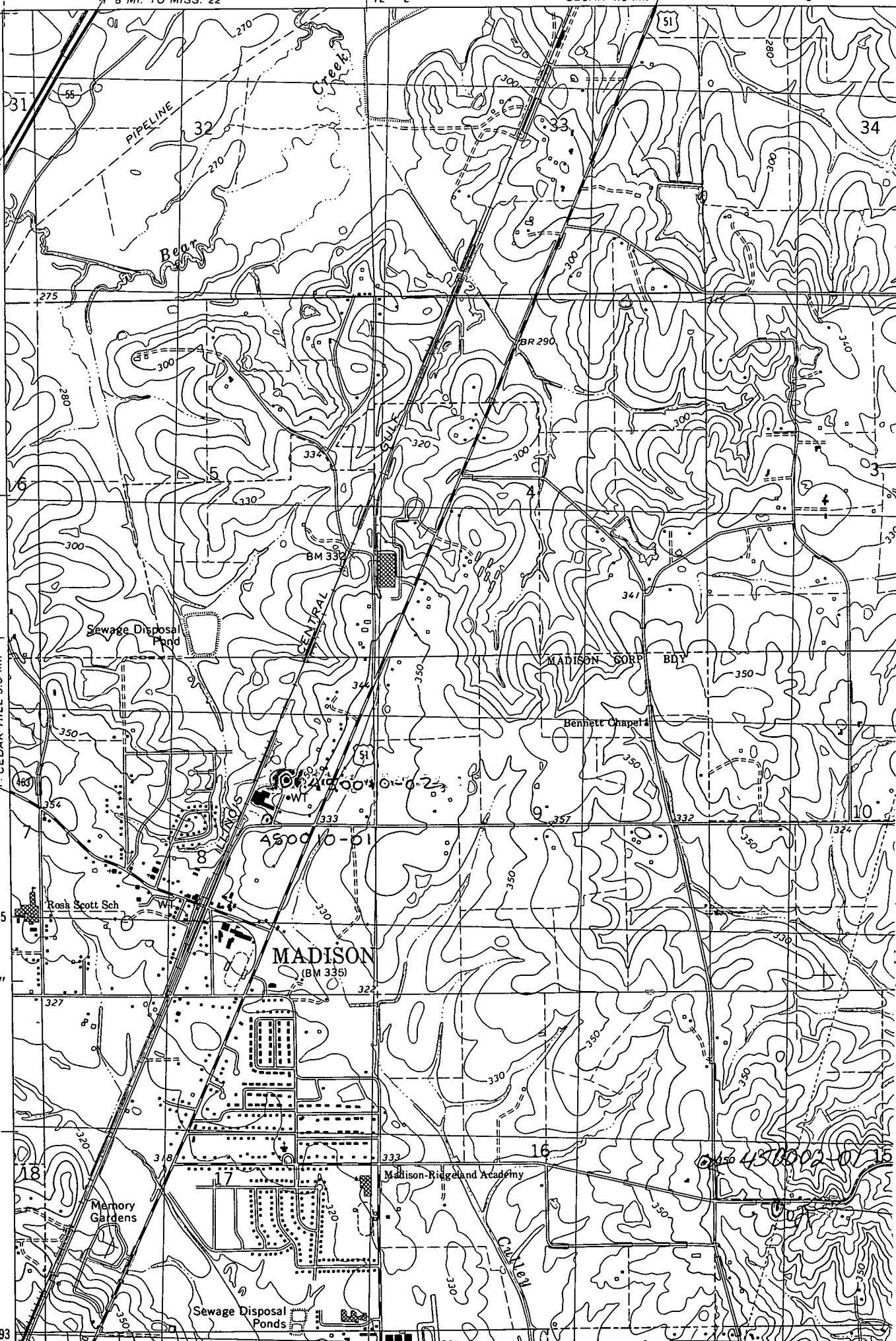
T 7 N

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

3595

27'30"

3593



430002-07-15