

Coded by: BRB 7104
Checked by: JFK 090304
Entered by: JFK
Date: 7/04

U. S. Geological Survey
Water Resources Division
Mississippi District
Well Record

IVRL
Well No. T73
E-Log No. _____
County MADISON
Agency _____

Agency Code USGS Site ID 1=323057090063901 Canton Quad Project No. (12 chara.) _____
5= _____

Station Name T0073 MADISON CO Station Type 802= _____ Y
Dist. Code 28 State Code 28 County Code 089 Latitude 9=323057 Longitude 10=0900639 Lat/Long Acc. 11=F Lat/Long Meth. 35=M

1. L/L Acc--1=+/- .1 sec, 5=+/- .5 sec, S=+/- 1sec(GPS), F=+/- 5sec, T=+/- 10 sec, M=+/- 1 min
35- L/L Meth--D=DGPS, G=GPS, L=Loran, M=MAP, S=Survey, U=Unknown
If determined from topo 1/2 contour interval

Lat/Long Datum (NAD27 or NAD83) 6=NAD27 Altitude 269 Accuracy 18=5 Method Meas. 17=M Altitude Datum (NGVD29 or NAVD88) 22=NGVD29
16=290*

and Net Loc. Meridians--I=Chickasaw, O=Choctaw, H=Huntsville, S=St. Stephens, W=Washington
SE/NE/ENE/ES/29T/08W/R02E/0
Hydrologic Unit 20=08060202

Gr. Time Loc. Time Location Map Agency Use Date Invented
813=CST 814=Y 14=CANTON 803=0 711=

Station Remarks Field (50 chara.)--33 spaces shown
06=3mi W OF MADISON

Web-R Reliability Date of Construction Well Use Water Use
2=WX 32= 3=CLM(U) 21=10062003 23=W 24=P

Primary Aquifer Hole Depth Well Depth
14=124SPRT 27=1231.1* 28=1160.1*

Construction Data Construction Date Contractor Method Finish
58=T=A 723 #1 60=10062003 63=0581 Name GRINER 65=H 66=G

Construction Casing Data Top of Casing Bottom of Casing Diameter Material
76=T=A 725 #1 59 #1 77= 78=1050.* 79=20.* 80=S*
76=T=A 725 #1 59 #1 77=936.* 78=1060.* 79=12.* 80=S*
G-galv. Iron, P-pvc, S-steel, V-stainless (For other materials--see manual)

Construct. Openings Data Top / Depth Bottom / Depth Diameter Material Type Width
82=T=A 726 #1 59 #1 83=1060.* 84=1160.* 87=12.* 86=S* 85=S* 88=.016*
82=T=A 726 #2 59 #1 83= 84= 87= 86= 85= 88=

F-fractured rock, M-mesh screen, P-perforated, R-Wire-wound, S-screen, T-sand point, X-open hole (For other types see manual)
G-galv. Iron, P-pvc/plastic, R-stainless steel, S-steel

Construction Lift Data Lift Type A=air lift, B-bucket, C=centrifugal, J=jet, DATE Intake
42=T=A 254 #1 43=T 38=10062003 44=350
P-piston, R-rotary, S=submergible, T-turbine, U-unknown, Z-other

Power/Type Horse Power Serial No.
5=E 46=300.* 49=
D=diesel, E=elect., G=gasoline, L=LP gas, N=nat. gas, W=windmill

Disc Owner Data Date of Ownership
158=T=A 718 #1 159=10062003

Owner Name--(Max of 64 characters---34 shown)
31=BEAR CR WA

Phone Number Street Address (max. of 64 characters) City
51= 353=PO BOX 107 355=CANTON

State Zip Code
356=MS 357=39046 358=USA

sc Other ID Data

189 T=A 736 #1

E-Log No.

190= [] [] [] [] *

Assigner

191= M I S S D I S T

sc Logs Data

198 T=A 739 #1

Log Type

199= DR

Beg. Depth

200= [] [] [] [] 0.

End Depth

201= [] [] [] [] 1231.

Format

225= F 226= USGS Files

Log Type

199= [] [] [] []

Beg. Depth

200= [] [] [] [] [] []

End Depth

201= [] [] [] [] [] []

Source

225= F 226= USGS files

sc. Network Data

706= QW, WL, WD *

Beg. of Year

End of Year

Agency Source

Freq.

114 T=A 730 #1

115= [] [] [] []

116= [] [] [] []

120= A

117= [] [] [] [] [] []

118= [] []

Beg. of Year

End of Year

Agency Source

Freq.

121 T=A 730 #2

115= [] [] [] []

116= [] [] [] []

120= A

117= [] [] [] [] [] []

118= [] []

sc Remarks Data

Date of Remarks

Remarks--(Max. of 44 characters) 16 SHOWN

183 T=A 311 #1

184= 10062003

185= MSGW 15693

Discharge Data

Date

Type

Discharge

146 T=A Pump Flow

147 #1

148= 10062003

703= F *

150= 1500.

th. Disc.

Duration

Specific Cpacity

Drawdown

32= R

157= [] [] [] [] 24*

272= [] [] [] [] *

309= [] [] [] [] 102*

Hydrologic Data

Depth-Top of Interval

Depth-Bottom of interval

Aquifer Code

90 T=A 721 #1

91= 898.

92= [] [] [] [] *

93= 124SPRT *

Hydraulic Data

Hydraulic Unit I D

Unit Type

98 T=A 790 #1

Unit Tested 100= [] [] [] [] [] [] [] [] [] []

103= [] [] [] [] [] []

304= P

Historical Water Level Data

Date

Water Level

Method of Meas.

Source

Source Agency

234 T=A 235#

10062003

243= L

237= [] [] [] [] 208.

239= R

244= D

247= MS008

A-gov., D-driller, G-geologist, L-logs, M-memory,

O-owner, R-other reported, S-reporting agency, Z-other

| DESCRIPTION OF FORMATIONS ENCOUNTERED | FROM | TO |
|---------------------------------------|------|------|
| sand | 0 | 32 |
| clay | 32 | 521 |
| sand | 521 | 567 |
| clay | 567 | 848 |
| sand | 848 | 1231 |

If well telescopes please sketch and show depths.

GROUND LEVEL

| | | | |
|--|--|--|--|
| | | | |
| | | | |
| | | | |
| | | | |

SECTION _____

Please indicate well location X.

| | | | |
|--|---------------|---------------|-----|
| Pump Capacity (GPM) | No. of Stages | Setting Depth | |
| 1500 | 7 | 350 | FT. |
| PUMP TEST | | | |
| Well yielded _____ 1500 _____ GPM with | | | |
| a drawdown of _____ 101.61 _____ ft. | | | |
| after _____ 24 _____ hours of pumping. | | | |

LOG DATA

TYPE OF LOG RUN (Circle One): No Log Run, (Electric), (Gamma Ray), Density, Sonic, Neutron, Other (Describe) _____

Name of Organization Running Log

Griner Drilling Service

GEOLOGIC DATA (Office Use Only)

| | | | |
|---------------|---------------|----------------|--------------|
| Surface Elev. | Geologic Unit | Unit Thickness | Depth to Top |
| Subs. SWL | Date | Analysis | Aquifer Test |

Driller's Remarks

If more than one screen, show location of each on sketch.

~~SECRET~~

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): CAS DATE: 9/9/04

PICTURE #: 1690 FILE #: _____

HEALTH DEPT. #: NO TAG 450024-05 ELEV.: 269

USGS #: T73 OLWR #: 15493

OWNER: BEAR CRK W.A. QUAD: CANTON

LOCATION: N E N E S 29 T 8 N R 2 E COUNTY: MADISON

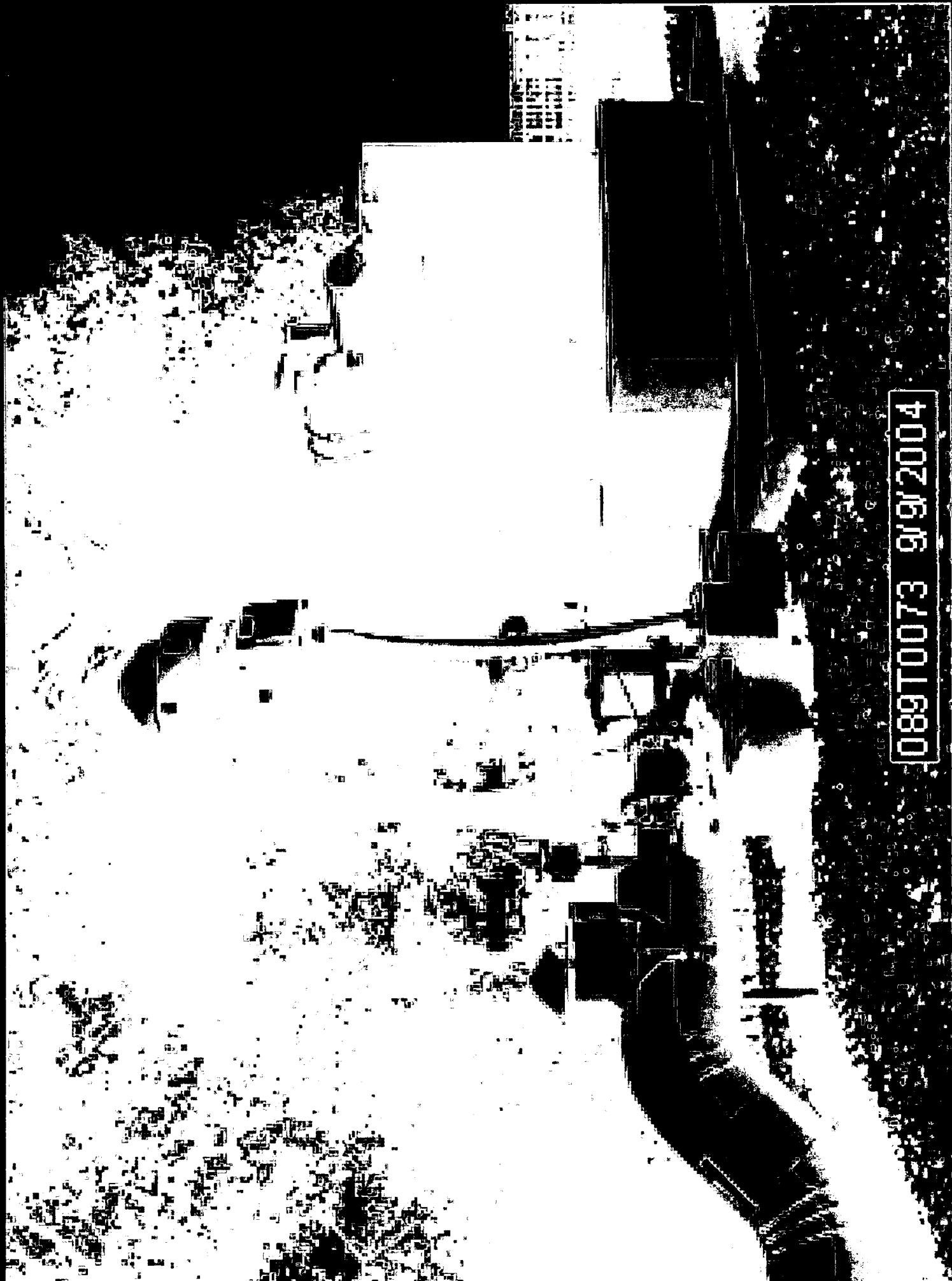
LOCATION DESCRIPTION: AT W.A. OFFICE (BETWEEN
OFFICE & SHOP) W OF I 55. S OF
463

CASING DIAM: 20" PUMP TYPE AND SIZE: TURB 250 HP

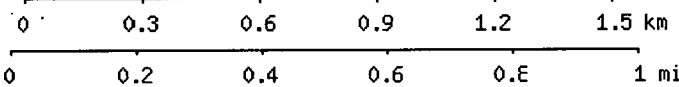
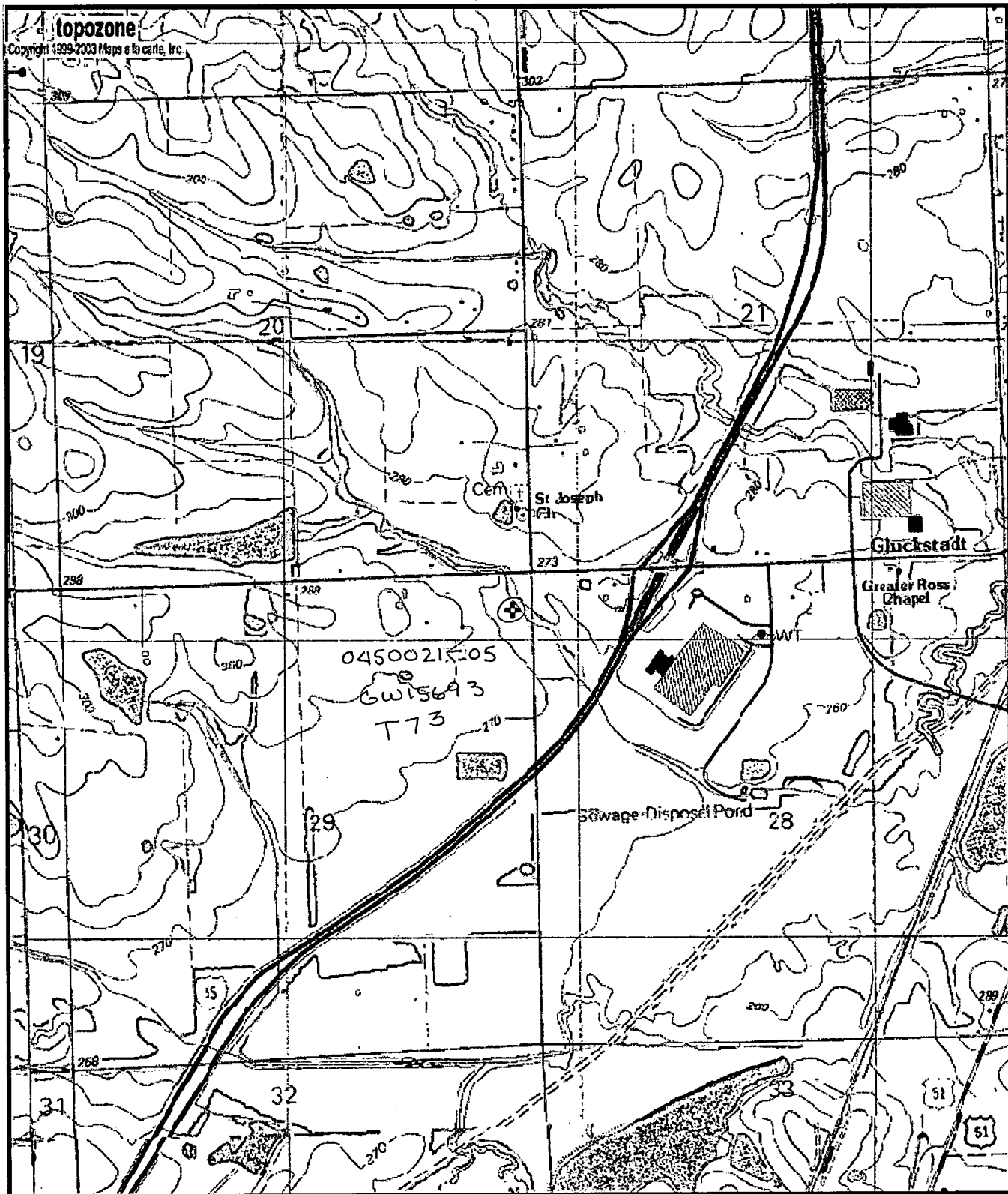
GPS FIELD LOCATION: LAT: 32.51600 LONG: 90.10721

GPS CORRECTED: LAT: _____ LONG: _____

REMARKS: GPS @ WELL



089T0073 9/9/2004



Map center is 32° 30' 58"N, 90° 06' 26"W (WGS84/NAD83)

Canton quadrangle

Projection is UTM Zone 15 NAD83 Datum

M=0.373
G=1.556