

Coded by: BRB 7104
Checked by: GRB 092304
Entered by: LJK
Date: 8/24 2004

U. S. Geological Survey
Water Resources Division
Mississippi District
Well Record
Agency Code 3233 Site ID Madison Quad

WEL
E-Log No. _____
County MADISON 2298
Agency _____
Well No. W994

USGS 1=322758090043601 5=

Station Name W0094 X MADISON CO Station Type 802= Y

Dist. Code 28 State Code 28 County Code 089 Latitude 9=322758 Longitude 10=0900436 Lat/Long Acc. 11=S Lat/Long Meth. 35=M

35- L/L Meth-D=DGPS, G=GPS, L=Loran, M=MAP, S=Survey, U=Unknown
If determined from topo 1/2 contour interval
A=Altimeter, D=DGPS
G=GPS, L=Surveying
M=Topo, U=Unknown

Lat/Long Datum-(NAD27or NAD83) 36=NAD27 Altitude 365 Accuracy 18=5 Method Meas. 17=m
Altitude Datum (NGVD29 or NAVD88) 22=NGVD29

Land Net Loc. Meridians-I=Chickasaw, O=Choctaw, H=Huntsville, S=St. Stephens, W=Washington
13=SE/NW/NE S X 10 T 07 N X X R 02 E X X 0 Hydrologic Unit 20=08060202

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

Station Remarks Field (50 chara.)-33 spaces shown AT ELEVATED TANK ON HOY RD POWER SUB STATION
306= AT ELEVATED TANK OFFS HOY RD

Web-R Reliability Date of Construction Well Use Water Use
2=W X 32= 3=C L M (U) 21=04032003 23=W 24=P

Primary Aquifer Hole Depth Well Depth
14=124 SPRT 27=1410.* 28=1214.*

Construction Data Construction Date Contractor Method Finish
58 T=A 723 #1 60=04032003 63=0064 Name LAYNE 65=H 66=G

Construction Casing Data Top of Casing Bottom of Casing Diameter Material
76 T=A 725 #1 59 #1 77= 0.* 78=1128.* 79=20.* 80=S*
76 T=A 725 #1 59 #1 77=1050.* 78=1139.* 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=1139.* 84=1214.* 87=12.* 86=S* 85=R* 88=.010*

Top / Depth Bottom / Depth Diameter
82 T=A 726 #2 59 #1 83= * 84= * 87= *
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=04032003 44=400

Power/Type Horse Power Serial No.
5=E D=diesel, E=elect., G=gasoline, L=LP gas, N=nat. gas, W-windmill 46=200.* 49=

Misc Owner Data Date of Ownership
158 T=A 718 #1 159=04032003

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

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

State City
356=MS 355=CANTON

Zip Code
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= [][][][][] 1410

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= 04032003

185= m s g w 16033

Discharge Data

Date

Type

Discharge

146 T=A Pump Flow 147 #1 148= 04032003

703= B F * 150= 1062.*

Hyd. Disc. Duration

Specific Capacity

Drawdown

52= R 157= [][][][] 24 * 272= [][][][] *

309= [][][][] 43 *

Hydrologic Data

Depth-Top of Interval

Depth-Bottom of Interval

Aquifer Code

90 T=A 721 #1 91= 1120.*

92= [][][][][] *

93= 124SPRT *

Hydraulic Data

Hydraulic Unit ID

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# 04032003 243= L 237= [][][][][] 306

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 & SILT	0	60
CLAY	60	305
SAND	305	360
CLAY WITH SAND STREAKS	360	510
SAND WITH CLAY STREAKS	510	705
CLAY	705	850
CLAY WITH SAND STREAKS	850	975
SAND	975	1025
CLAY WITH SAND STREAKS	1025	1120
SAND	1120	1220
CLAY	1220	1255
SAND	1255	1310
CLAY	1310	1345
SAND	1345	1410

OK for 9/04

COUNTY WELL LOCATED
MADISON

WELL NUMBER
10

W-94

DATE WELL COMPLETED
4/3/03

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Office of Land and Water Resources

P. O. Box 10631
Jackson, MS 39289-0631

WATER WELL DRILLERS LOG

PERMIT NUMBER
W-94-15692

NAME OF DRILLING FIRM
LAYNE-CENTRAL

JACKSON, MS

NAME & ADDRESS OF LANDOWNER
BEAR CREEK WATER ASSOCIATION

PO BOX 107

CANTON, MS 39046

LATITUDE **N 32.47023**

LONGITUDE **W 090.07681**

WELL LOCATION SEC **10** TOWNSHIP **7N** RANGE **2E**

DISTANCE **---** Miles DIRECTION **---** of NEAREST TOWN **MADISON**

OTHER LANDMARK **AT ELEVATED TANK ON HOY ROAD AT POWER SUB STATION**

WELL PURPOSE (Home, Irrigation, Municipal, Industrial, Fish Pond, etc.)
RURAL WATER ASSOCIATION

PUMP DATA		
PUMP TYPE:		
Submersible <input type="checkbox"/>	Turbine <input checked="" type="checkbox"/>	Jet Flowing Well <input type="checkbox"/>
Other (Describe) _____		
POWER TYPE:		
Electric <input checked="" type="checkbox"/>	Tractor <input type="checkbox"/>	Diesel <input type="checkbox"/>
Gasoline <input type="checkbox"/>	Butane <input type="checkbox"/>	
Other (Describe) _____		HP 200
DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
SAND & SILT	0	60
CLAY	60	305
SAND	305	360
CLAY WITH SAND STREAKS	360	510
SAND WITH CLAY STREAKS	510	705
CLAY	705	850
CLAY WITH SAND STREAKS	850	975
SAND	975	1025
CLAY WITH SAND STREAKS	1025	1120
SAND	1120	1220
CLAY	1220	1255
SAND	1255	1310
CLAY	1310	1345
SAND	1345	1410

WELL DATA

Well Depth	Casing Diameter (In.)	Casing Length (FL)
1214'	20"	1128'
Type of Casing	Hole Depth	Depth to Static
STEEL	1214'	306'

TYPE OF COMPLETION:

Gravel Packed X

Underreamed X

Telescoped

Other (Describe) _____

Natural Development

Open Hole

WELL GROUTED TO A DEPTH OF **1128'** FEET

Type Grout:

Cement X Bentonite Mix

SCREEN DATA

Diameter (In.)	Length (FL)	Slot Size (In.)
12"	75'	0.010
Screen Type	Depth to Bottom (FL)	
STAINLESS	1214'	

RECEIVED

JAN 08 2004

BY: OLWR

Top of Lap Pipe or IF TELESCOPED OR MORE THAN
Reduction in Casing **1050'** FEET ONE SCREEN, USE PAGE.

I certify that the well was drilled, constructed and completed in accordance with all applicable Requirements of the Mississippi Department of Environmental Quality and/or the Mississippi Department of Health regulations and state laws.

LAYNE-CENTRAL

By: *Daniel Losh*

Signature of Licensed Driller and License No.

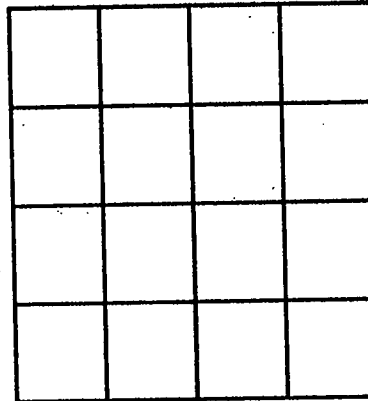
12-3-03

Date

Additional Information Required on Back

If well telescopes, please sketch and show depths.

GROUND LEVEL



SECTION 10

Please indicate well location X.

Pump Capacity (GPM) 1000	No. of Stages 8	Setting Depth (Ft.) 400	
PUMP TEST Well yielded <u>1062</u> GPM with a drawdown of <u>43.1</u> feet after <u>24</u> hours of pumping.			
LOG DATA			
TYPE OF LOG		No Log Run <input type="checkbox"/>	
Gamma Ray <input checked="" type="checkbox"/>	Density <input type="checkbox"/>	Sonic <input type="checkbox"/>	
Other (Describe)		Electric <input checked="" type="checkbox"/>	
		Neutron <input type="checkbox"/>	
Name of Organization Running Log			
LAYNE-CENTRAL, JACKSON, MS			
GEOLOGIC DATA (Office Use Only)			
Surface	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.

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

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

PICTURE #: 1692 FILE #: _____

HEALTH DEPT. #: (No TAG) 450002-05 ELEV.: 365

USGS #: W99 OLWR #: 15692

OWNER: BEAR CRK W.A. QUAD: MADISON

LOCATION: NW NE S 10 T 8N R 2E COUNTY: MADISON

LOCATION DESCRIPTION: Hy Rd @ FUEL TANK
OFF ENERGY ACCESS RD

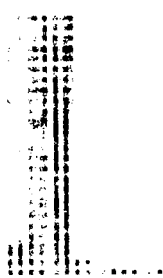
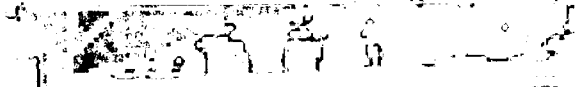
CASING DIAM: 20" PUMP TYPE AND SIZE: TURB 200 HP

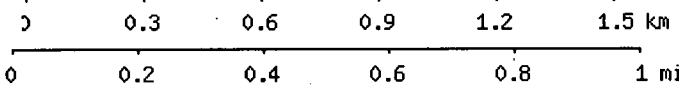
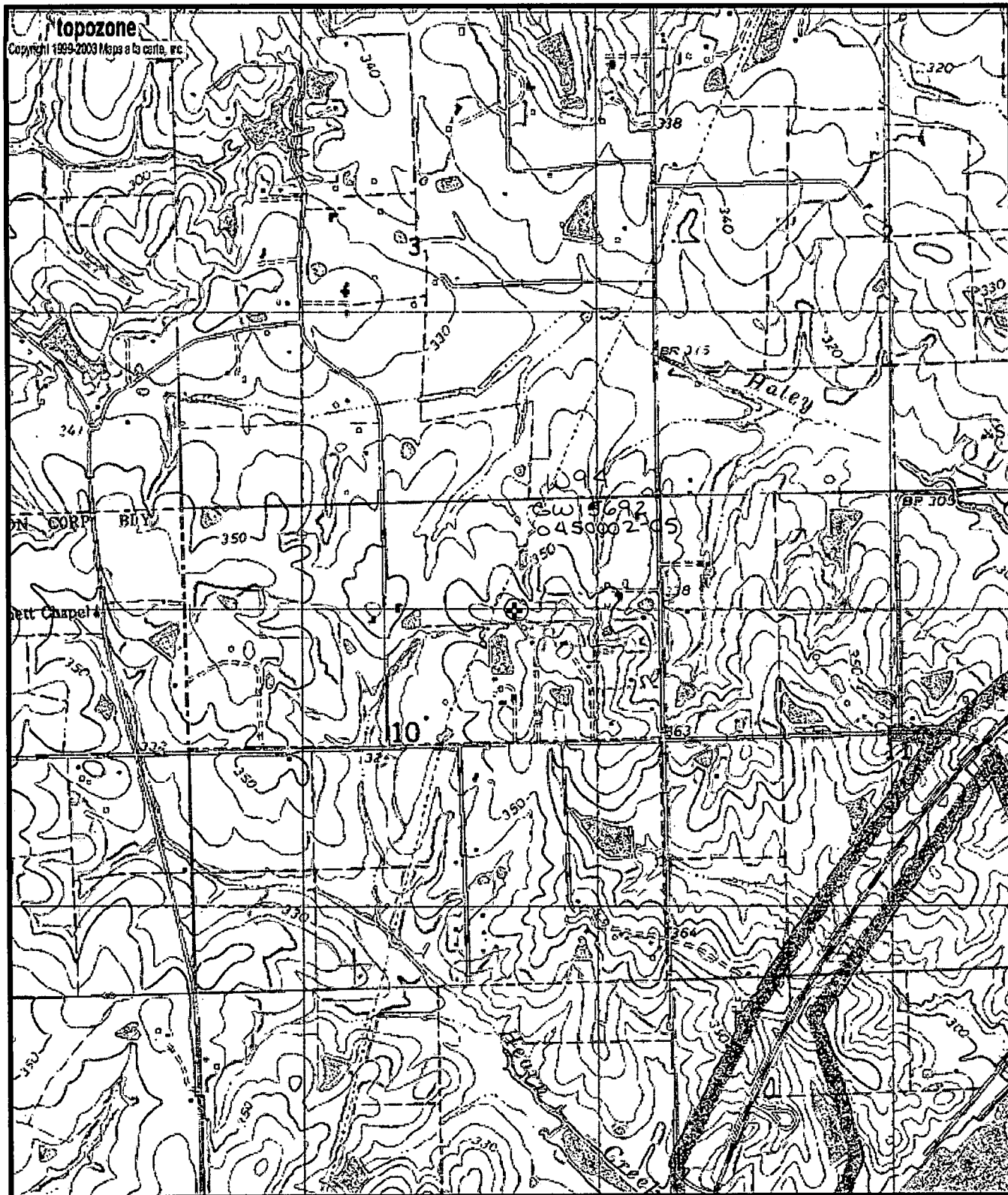
GPS FIELD LOCATION: LAT: 32.46931 LONG: 90.07740

GPS CORRECTED: LAT: _____ LONG: _____

REMARKS: GPS @ WELL

089W0094 9/9/2004





Map center is 32° 28' 09"N, 90° 04' 39"W (WGS84/NAD83)
Madison quadrangle
Projection is UTM Zone 15 NAD83 Datum

