

Coded By 0219
 Checked By 9/2-06-17-96
 Entered By [Signature]
 Date 5/96

U.S. GEOLOGICAL SURVEY
 WATER RESOURCES DIVISION
 MISSISSIPPI DISTRICT

E-Log No. 434
 County IAZOO
 Agency [Blank]

Well No. W40
20813

WELL RECORD

Bentonia Quad
 GW15028

Agency Code U151C1S		Site Id 132131811810910121141011		Project No. 5111111111	
Station Name 12 MEMPHIS HAROLDWOOD				Latitude 3213181181	
				Longitude 100191012114101	
Lat/Lon Ac. 11 S 17 W	Dist 6=28	State 7=29	County 2=163	Land Net 13 N1W1S1W1S1 12 T199 N R 102 W 2	
Location Map 14 18EW10W11A		Altitude 16 193	Met/Meas 17 A 17	Accuracy 18 15	Hydrologic Unit 20 08616102021
Agency Use 803 1 1	Date Invented 711	Station Type J		Data Type 804	
Instru. 805	Remarks	Relia. 3 C M U	IN		
Date of Construction 21 11/28/1995		Well Use 23 W	Water Use 24 N	Primary Surface 7 124 CCKA	Hole Depth 37 1950
Well Depth 29 53H	Water Level 30 1105	Water Level Date 32 01/12/1996		Method 34	Status 37
Source 35 D					

CONSTRUCTION DATA

R=58	T=A	723#1	60 01/12/1996	Contractor 63 159	Name Cresswell	Method 65 H	Finish 66 S
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CONSTRUCTION CASING DATA

R=76	T=A	725#1	59#1	77 110	78 1410	79 6
R=76	T=A	725#2	59#1	77 1410	78 1474	79 14

CONSTRUCTION OPENINGS DATA

R=82	T=A	726#1	59#1	83 1174	84 53H	87 14	Type 85 S	Length 89	Width 88 1019
R=82	T=A	726#2	59#1	83	84	87	Type 85	Length 89	Width 88

CONSTRUCTION LIFT DATA

R=42	T=A	254#1	Lift Type 43 S	Date 38 01/12/1996	Intake 44 1189
Power 45 E	H.P. 46 110	Serial No. 49			

MISCELLANEOUS OWNER DATA

R=156	T=A	719#1	159 01/12/1996	Owner Name 161 MEMPHIS HAROLDWOOD
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MISCELLANEOUS OTHER ID DATA

R=189	T=A	736#1	E-Log No. 190 434	Assigner 191 M I S S I S S I D I S T R I C T
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MISCELLANEOUS DATA

R=192	T=A	73871	Date of Measurement 1954 / /	Aquifer Sampled 1954	Temp 196J00010	Value 1974
R=192	T=A	73872	Date of Measurement 1954 / /	Aquifer Sampled 1954	So Cond 196J00095	Value 1974
R=192	T=A	73873	Date of Measurement 1954 / /	Aquifer Sampled 1954	ch 195J00-00	Value 1974

MISCELLANEOUS LOGS DATA

R=198	T=A	73901	Log Type 1994 D	Sec. Depth 200 10	End Depth 201 550
R=198	T=A	73902	Log Type 1994	Sec. Depth 200	End Depth 201

MISCELLANEOUS NETWORK DATA $106 = Qw$ wL wD *

R=114	T=A	75001	Start Year 1154 9	End Year 116 9	Agency Source 120=A 117	Freq. 116
R=121	T=A	75002	Start Year 1154 9	End Year 116 9	Agency Source 117	Freq. 116

MISCELLANEOUS REMARKS DATA

R=123	T=A	31141	Date of Remarks 184 / /	Remarks 185
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DISCHARGE DATA

R=146	T=A	147#1	Date 148=011/112/1996	Type 703 B	Discharge 150 300	So. Capacity 278
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GEOHYDROLOGIC DATA

R=90	T=A	721#1	Depth Top 91 455	Depth Bot. 92	Unit Id 93 24CUMF	304=
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HYDRAULIC DATA

R=98	T=A	79001	Unit Tested 100	105
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DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
SURFACE DEPOSITS	0	30
SAND	30	60
YAZOO CLAY	60	300
MOUNDY'S BRANCH	300	320
SHALE-YELLOW SHALE	320	455
SAND	455	550

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
Office of Land and Water Resources

P. O. Box 1063
Jackson, MS 39289-063
WATER WELL DRILLERS LOG

COUNTY WELL LOCATED YA200		PERMIT NUMBER MS-GW 15028
WELL NUMBER W40	CODED <input checked="" type="checkbox"/>	NAME OF DRILLING FIRM EM BUD CRESSWELL
DATE WELL COMPLETED JAN. 12, 1996		BENTONIA, MS

NAME & MAILING ADDRESS OF LANDOWNER
MEMPHIS HARDWOOD FLOORING CO.

BENTONIA, MS. 39040

WELL LOCATION	SEC	TOWNSHIP	RANGE
	12	9 N	2 W

DISTANCE **IN** MILES DIRECTION **BENTONIA** NEAREST TOWN

OTHER LANDMARK

WELL PURPOSE Home, Irrigation, Municipal, Industrial, Fish Pond, etc

PUMP DATA

PUMP TYPE (Circle One): Submersible Turbine, Jet, Flowing Well, Other (Describe)

POWER TYPE (Circle One): Electric Tractor, Diesel, Gasoline, Butane, Other (Describe) **10** H/P

Pump Capacity (GPM)	No. of Stages	Setting Depth
190	6	189 FT.

PUMP TEST

Well yielded **300** GPM with a drawdown of **20** ft. after **2** hours of pumping

WELL DATA

Well Depth	Casing Diameter (In)	Casing Length (Ft)
554	6	440

Type of Casing	Hole Depth	Depth to Static Water Level
STEEL	554	105

TYPE OF COMPLETION (Circle One or More): Gravel Packed, Underreamed, Telescoped, Natural Development, Open Hole, Other (Describe)

WELL GROUTED TO A DEPTH OF **440** FEET
Type Grout (circle one): Cement, Bentonite, or Mix

LOG DATA

TYPE OF LOG RUN (Circle One): Electric Gamma Ray, Density, Sonic, Neutron, Other (Describe)

Name of Organization Running Log
STATE

GEOLOGIC DATA (Office Use Only)

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

SCREEN DATA

Diameter - Inches	Length - Feet	Slot Size - Inches
4	60	.010

Screen Type **STAINLESS** Depth to Bottom - Feet **534**

Driller's Remarks

Top of Lap Pipe or Reduction in Casing

FEET IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
SURFACE DEPOSITS	0	30
SAND	30	60
YA200 CLAY	60	300
MOUNDUS BRANCH	300	320
SHALE - YELLOW SHALE	320	455
SAND	455	550

RECEIVED

JAN 29 1996

Dept. of Environmental Quality
Office of Land & Water Resources

IF MORE SPACE IS NEEDED USE BACK

If well telescopes please
sketch and show depths.

GROUND LEVEL

SECTION _____

Please indicate well location X.

ADDITIONAL INFORMATION

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) : DATE 5-4-2004

UNIT DEQ # : _____ FILE # : _____

HEALTH DEPT. # _____ NEW WELL _____ ELEVATION

USGS # : W40 OLWR # : GW-15028

OWNER : MEMPHIS HARDWOOD QUAD BENTONIA

LOCATION : S 12 T 9N R 2W COUNTY .YAZOO
LOCATED NEXT TO STEAM PLANT

CASING DIA : 6 PUMP SUB.

GPS FIELD LOCATION : LAT 32
.63822 LONG 90.36219

REMARKS

Department of Environmental Quality
Office of Land and Water Resources

Ground Water Permit
General Report

Permit Number: MS-GW-15028

County: YAZOO

Owner: MEMPHIS HARDWOOD FLOORING CO.

Aquifer: CCKF

USGS No: N/A W40

BOH No: N/A

Location: NW 1/4 of the SW 1/4 of SEC 12 TWN 09N RNG 02W **Lat:** 323818 **Long:** 902142

Quad: BENTONIA

District: N/A

Date Issued: 09-JAN-96

Date Renewed:

Date Expired: 09-JAN-06

Applicant: MEMPHIS HARDWOOD FLOORING CO.

Owner: MEMPHIS HARDWOOD FLOORING CO.

Address 1: 105 MOSLEY ST.

Address 1: 105 MOSLEY ST.

Address 2: N/A

Address 2: ATTN: BILL CARROL

Address 3: N/A

Address 3: N/A

City: BENTONIA

City: BENTONIA

State: MS **Zip:** 39040

State: MS **Zip:** 39040

Driller: BUD CRESWELL WATER WELL DRILLERS

Maximum Rate: 200

Amount Withdrawn Acre feet: 246.4702

Amount Withdrawn Mgd: .22

Use

INDUSTRIAL

Casing

Type: STEEL

Diameter: 6

Length: 500

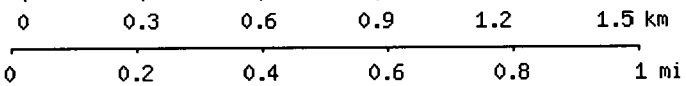
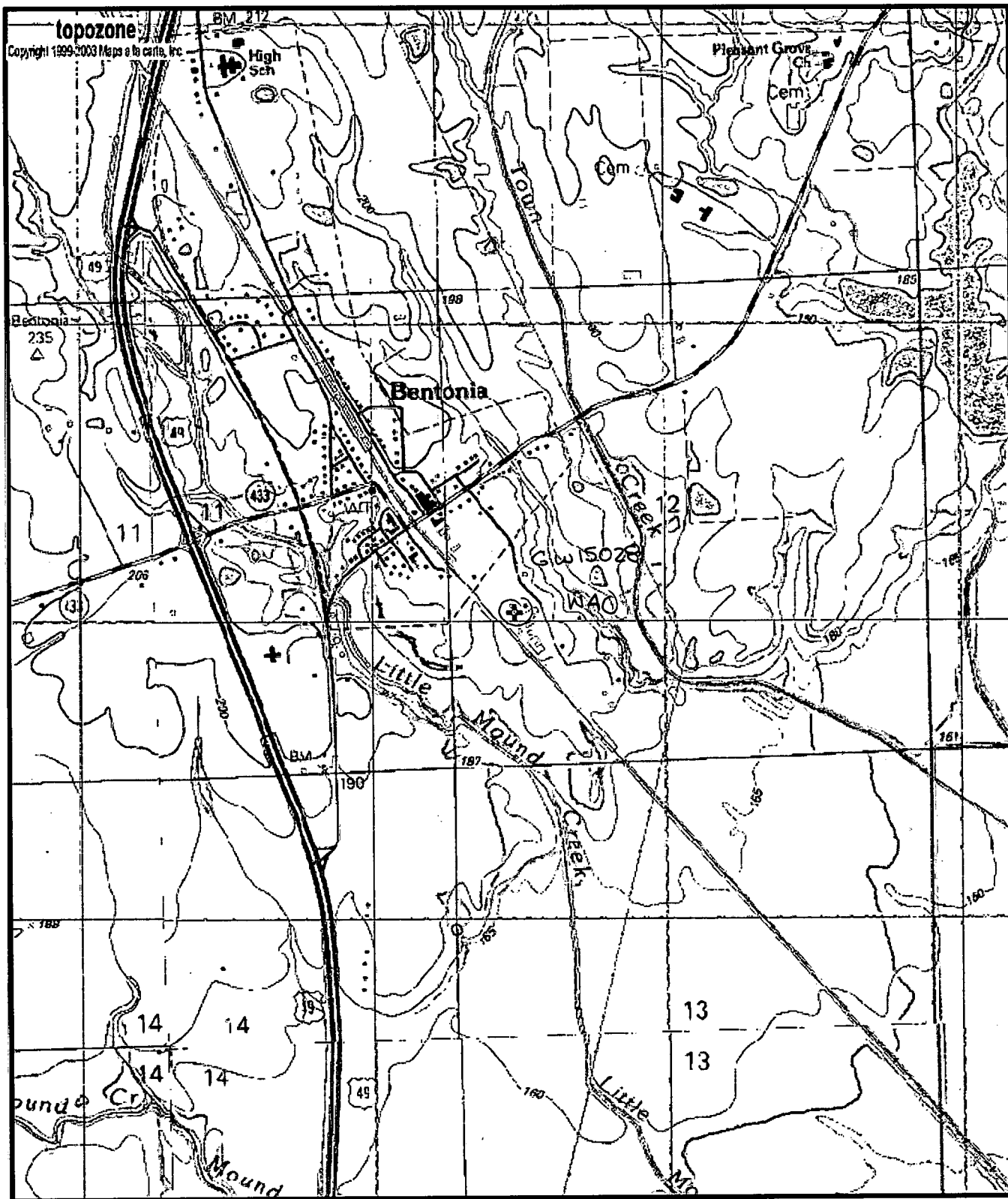
Screen

Type: STAINLESS STEEL

Diameter: 6

Length: 60





Map center is 32° 38' 18"N, 90° 21' 44"W (WGS84/NAD83)
Bentonia quadrangle
 Projection is UTM Zone 15 NAD83 Datum

M=0.545
 G=1.424