

GW15262
0820002-03

Coded By Q 12/96
Checked By JR 7/97
Entered By JR 7/97
Date 7/97

U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
MISSISSIPPI DISTRICT

E-Log No. 434
County YAZOO
Agency

Well No. W42

2098

Bentonina Quad

WELL RECORD

Agency Code U1S1G1S1 Site Id 13238416091022111011 Project No. 54

Station Name W042 BENTONINA Latitude 3238416 Longitude 1091022111

Loc./Land Ac. 5 Disc 6 Stage 7 County SW/NE/NW/NG Land Net 13238416091022111011 650'S+1700'W OF NE CV OF Sec.

Location Map BENTONINA Altitude 200 Mec/Meas. 17 A L B Accuracy 18 15 Hydraulic Unit 20=081061021021

Agency Use 803 A 1 0 Date Invented 711 Station Type 4 Data Type 804

Instru. 805 Remarks 806 Relia. 3 0 L M U 8 X

Date of Construction 10/17/1996 Well Use 23=W Water Use 24=P Primary 124 SPRT Hole Depth 27=1436 MU

Well Depth 29=13910 Water Level 30=134 Water Level Date 31=12/30/1996 Method 34= Status 37= Source 33=D

CONSTRUCTION DATA

Construction Date 60=12/30/1996 Contractor 63=4551 Name Herndon Method 65=H Finish 66=O

CONSTRUCTION CASING DATA

R	T	Top/Casing	Bot/Casing	Diameter
76	A	725#1 59#1 77 10	78#1 325#1	79#1 12
76	A	725#2 59#1 77 1244	78#1 329#1	79#1 8

CONSTRUCTION OPENINGS DATA

R	T	Top/Depth	Bot/Depth	Diameter	Type	Length	Width
82	A	726#1 59#1 83#1 329#1	84#1 390#1	87#1 18	85#1 S	89#1	88#1 10210
82	A	726#2 59#1 83#1	84#1	87#1	85#1	89#1	88#1

CONSTRUCTION LIFT DATA

Power 45#1 E H.P. 46#1 50 Serial No. 49#1

Lift Type 43#1 T Date 38#1 12/30/1996 Intake 44#1 315

MISCELLANEOUS OWNER DATA

Date of Ownership 159#1 12/30/1996 Owner Name 161 BENTONINA

MISCELLANEOUS OTHER ID DATA

E-Log No. 190#1 434 Assigner 191#1 M C S S O C S T

MISCELLANEOUS GW DATA

R=192	T=A	738#1	Date of Measurement 1934 / / / / / / / / / /	Aquifer Sampled 1954 / / / / / / / / / /	Temo 196400010	Value 1974 / / / /
R=192	T=A	738#2	Date of Measurement 1934 / / / / / / / / / /	Aquifer Sampled 1954 / / / / / / / / / /	So Cond 196400095	Value 1974 / / / /
R=192	T=A	738#3	Date of Measurement 1934 / / / / / / / / / /	Aquifer Sampled 1954 / / / / / / / / / /	pH 196400000	Value 1974 / / / /

MISCELLANEOUS LOGS DATA

R=199	T=A	739#1	Log Type 199#E	Sec. Depth 200#1110	End Depth 201#1436
R=199	T=A	739#2	Log Type 199#D	Sec. Depth 200#1101	End Depth 201#1300

MISCELLANEOUS NETWORK DATA 706 = GW WL WD *

R=114	T=A	730#1	Sec. Year 1154 / 9 / / / / / / / /	End Year 1164 / 9 / / / / / / / /	Agency Source 120=A	Freq. 118# / /
R=121	T=A	730#2	Sec. Year 1154 / 9 / / / / / / / /	End Year 1164 / 9 / / / / / / / /	Agency Source 117# / / / /	Freq. 118# / /

MISCELLANEOUS REMARKS DATA

R=187	T=A	311#1	Date of Remarks 184# / / / / / / / / / /	Remarks 185#
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DISCHARGE DATA

R=146	T=A	Pump/Flow 147#1	Date 148# 12:30 / 11/19/61	Type 703#P	Discharge 150# 300 / / / / / / / /	So. Capacity 272# 12 / 15 / / / /
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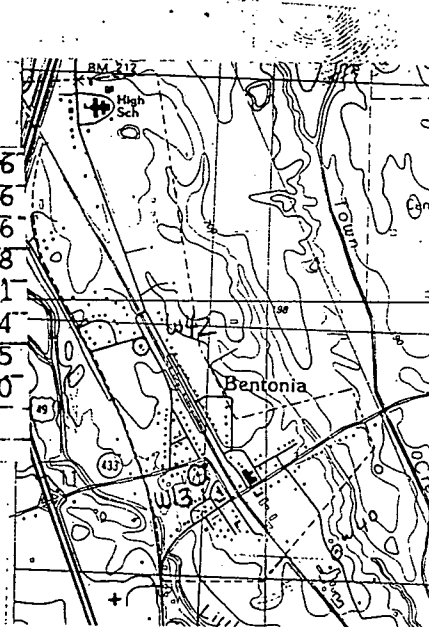
GEOHYDROLOGIC DATA

R=90	T=A	721#1	Depth Top 91# 1300 / / / / / / / /	Depth Bot. 92# 1436 / / / / / / / /	Unit Id 93# 124SPIRTI	304#
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HYDRAULIC DATA

R=98	T=A	790#1	Unit Tested 100# / / / / / / / / / /	103# / / / /
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FORMATION ENCOUNTERED	FROM	TO	DESCRIPTION	664	696
Top Soil	1	3	Sandy Clay Gray	664	696
White Clay	4	5	Clay with sand	697	786
Red Clay	6	24	Clay	881	956
Gray Clay w/ white mix	25	60	Rock	956	958
Yazoo Clay	61	300	Clay	958	971
Sandy Clay gray sand	301	600	Sand fine	972	1034
Sandy Clay	601	616	Blue & Gray clay w/ lignite	1035	1065
Rock	616	617	Blue clay w/streaks of sand	1066	1300
Sandy Clay more clay	671	633	Sand	1300	



120' dd @ 300gpm

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
Office of Land and Water Resources

P. O. Box 10631
Jackson, MS 39289-0631
WATER WELL DRILLERS LOG

COUNTY WELL LOCATED Yazoo		PERMIT NUMBER
WELL NUMBER W 42	CODED	NAME OF DRILLING FIRM Herndon Well & Supply, Inc.
DATE WELL COMPLETED 12-30-96		

NAME & MAILING ADDRESS OF LANDOWNER Town of Bentonia P.O. Box 310 Bentonia, MS 39182			
WELL LOCATION	SEC 11	TOWNSHIP 9 N S	RANGE 2 E W
DISTANCE 0	DIRECTION	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) H/P 50			
Pump Capacity (GPM) 300	No of Stages 4	Setting Depth 315	FT.
PUMP TEST Well yielded 300 GPM with a drawdown of 120 ft. after 8 hours of pumping			

WELL DATA		
Well Depth 1390	Casing Diameter (In.) 12	Casing Length (Ft.) 1325
Type of Casing Steel	Hole Depth 1436	Depth to Static Water Level 134
TYPE OF COMPLETION (Circle One or More): Gravel Packed, Underreamed, Telescoped, Natural Development, Open Hole, Other (Describe)		
WELL GROUTED TO A DEPTH OF 1325 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 Ms. Bureau of Geology			

SCREEN DATA		
Diameter - Inches 8	Length - Feet 60.88	Slot Size - Inches .020
Screen Type Johnson	Depth to Bottom - Feet 1390	

GEOLOGIC DATA (Office Use Only)			
Surface Elev	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Augiter Test
Driller's Remarks JUN 20 1997			
Top of Lap Pipe or Reduction in Casing Dept. of Environmental Quality 1244 (4) IF TELESCOPED OR MORE THAN ONE SCREEN USE BACK PAGE			

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Top Soil	1	3	Sandy Clay Gray	664	696
White Clay	4	5	Clay with sand	697	786
Red Clay	6	24	Clay	881	956
Gray Clay w/ white mix	25	60	Rock	956	958
Yazoo Clay	61	300	Clay	958	971
Sandy Clay gray sand	301	600	Sand fine	972	1034
Sandy Clay	601	616	Blue & Gray clay w/ lignite	1035	1065
Rock	616	617	Blue clay w/streaks of sand	1066	1300
Sandy Clay more clay	671	633	Sand	1300	
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): Grantham

DATE: 5-6-97

UNIT DEQ #: _____

FILE #: BOS0615A

HEALTH DEPT. #: 820002-03 *New Well*

ELEV. _____

USGS #: W-42

OLWR #: GW15262

OWNER: Town of Bontonia

Quad: Bontonia

LOCATION: _____

S

T

R

COUNTY: Y 0200

LOCATION DESCRIPTION: _____

CASING DIA: _____

PUMP TYPE & SIZE: _____

GPS FIELD LOCATION: LAT. 32 38 46.7

LONG. 90 22 11.5

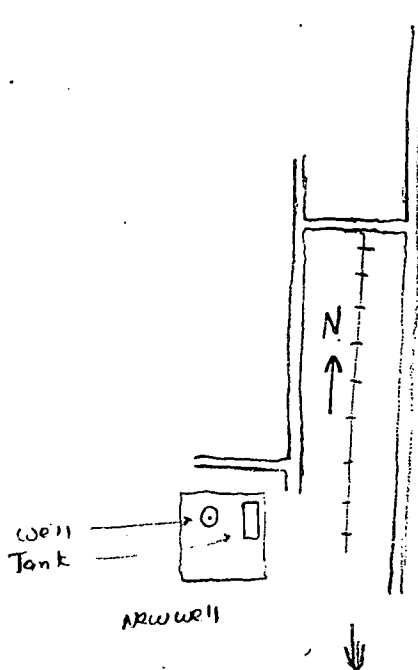
GPS CORRECTED LOCATION: LAT. 32.646301

LONG. 90.36987878

REMARKS: New Well

Sub pump

RTCM



TopoZone.com

Target is 32° 38' 47"N, 90° 22' 12"W - BENTONIA quad [Quad Info]

