

Coded By Q 1296
 Checked By JR 7997
 Entered By JR 7997
 Date 7/97

U.S. GEOLOGICAL SURVEY
 WATER RESOURCES DIVISION
 MISSISSIPPI DISTRICT

E-Log No. 434
 County YAZOO
 Agency _____

Well No. W42
208B

WELL RECORD

Agency Code U1S1G1S Site Id 13238416091022111011 Project No. 54
 Station Name 12 W042 BENTONIA Latitude 9 323846 Longitude 10 091022111

Loc. Long Ac. 11 S F M Disc 6=29 Stage 7=29 County 8=1631 Land Net 13 N E N E S I I I T I O I W I R O Z W I 650'S + 1700' W OF NE COR OF Sec.
 Location Map 14 BENTONIA Altitude 16=2100 Mec/Meas 17 A C Accuracy 18 15 Hydrologic Unit 20=1081061921021

Agency Use 803 A I O Date Inventoried 711 Station Type 4 Data Type 804
 Instru. 905 Remarks 306 Relia. 3 C L M U A X

Date of Construction 21=10/17/1996 Well Use 23=W Water Use 24=P Primary Aquifer 714=124 SPRT Hole Depth 27=1436
 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=4501 Name Herndon Method 65=H Finish 66=G

CONSTRUCTION CASING DATA
 Top/Casing 77=1101 Bot/Casing 78=1325 Diameter 79=121
 Top/Casing 77=1244 Bot/Casing 78=1329 Diameter 79=18

CONSTRUCTION OPENINGS DATA
 Top/Depth 83=1329 Bot/Depth 84=1390 Diameter 87=18 Type 85=S Length 89= Width 88=19210
 Top/Depth 83= Bot/Depth 84= Diameter 87= Type 85= Length 89= Width 88=

CONSTRUCTION LIFT DATA
 R=42 T=A 254#1 Lift Type 43=H Date 38=12/30/1996 Intake 44=1315
 Power 45=EL H.P. 46=50 Serial No. 49=

MISCELLANEOUS OWNER DATA
 Date of Ownership 159=12/30/1996 Owner Name 161 BENTONIA

MISCELLANEOUS OTHER ID DATA
 E-Log No. 190=H34 Assigner 191= M I S S I S S I O I S T
R=199 T=A 736#1

MISCELLANEOUS CW DATA

R=192	T=A	738#1	Date of Measurement	1934	Aquifer Sampled	1954	Temp	196#00010	Value	1974
R=192	T=A	738#2	Date of Measurement	1934	Aquifer Sampled	1954	So Cond	196#00095	Value	1974
R=192	T=A	738#3	Date of Measurement	1934	Aquifer Sampled	1954	pH	196#00000	Value	1974

MISCELLANEOUS LOGS DATA

R=195	T=A	739#1	Log Type	199#E	Sec. Depth	200#110	End Depth	201#1436
R=198	T=A	739#1	Log Type	199#D	Sec. Depth	200#10	End Depth	201#1300

MISCELLANEOUS NETWORK DATA 706 = QW WL WD *

R=114	T=A	730#1	Sec. Year	115#19	End Year	116#19	Agency Source	120#A	117#	Freq.	118#
R=121	T=A	730#2	Sec. Year	115#19	End Year	116#19	Agency Source	117#	Freq.	118#	

MISCELLANEOUS REMARKS DATA

R=183	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#10/30/1996	Type	703#P	Discharge	150#1300	So. Capacity	272#12.5
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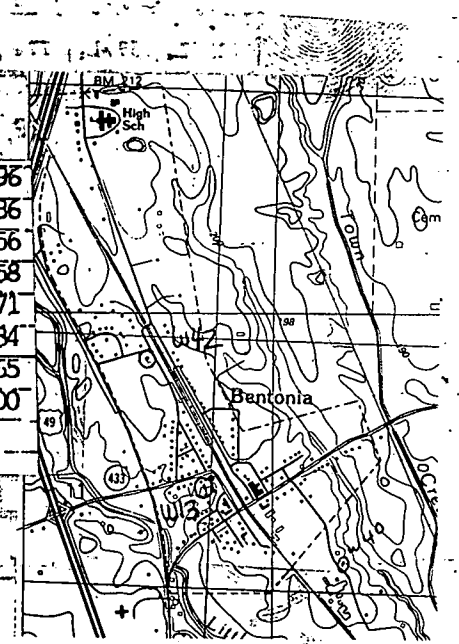
GEOHYDROLOGIC DATA

R=90	T=A	721#1	Depth Top	91#1300	Depth Bot.	92#1436	Unit Id	93#124SPRTI	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	621	633	Sand	1300	



120' dd @ 300gpm