

Gw 12054  
0450021-03

Coded By Q 3190  
Checked By 07/27/91  
Entered By 136  
Date 07-09-91

U.S. GEOLOGICAL SURVEY  
WATER RESOURCES DIVISION  
MISSISSIPPI DISTRICT

E-Log No. 376  
County MADISON  
Agency MADISON

Well No. S22  
Charlton Quad

WELL RECORD

Agency Code: U S G S Site Id: 1323111809101126011 Project No.: 5

Station Name: 1250121 BEAR CREEK W A Latitude: 932311181 Longitude: 100910111261

Lat/Long Ac.: 113 F T M Dist: 6=28 State: 7=28 County: SW SW Land Net: 13NW SW 1211018111111

Location Map: 14= CANTON Altitude: 343 Met/Meas: 17 A L M Accuracy: 18 15 Hydrologic Unit: 20= 08101610121021

Agency Use: 803 A I O Date Inventoried: 711 / / Station Type: J Data Type: 804

Instru.: 805 Remarks: 806 Relia.: 3 C L M U 2 W X

Date of Construction: 21 11/12/1990 Well Use: 23 W Water Use: 24 P Primary Aquifer: 714 124 S P R T I Hole Depth: 27 112715

Well Depth: 28 12021 Water Level: 30 2371 Water Level Date: 31 03/02/1990 Method: 34 Status: 37 Source: 33 D

CONSTRUCTION DATA

Construction Date: 60 03/02/1990 Contractor: 63 06/4 Name: Layne Method: 65 H Finish: 66 O

CONSTRUCTION CASING DATA

R=76	T=A	725#1	59#1	77 11101	78 111171	79 1161
R=76	T=A	725#2	59#1	77 11015	78 11121	79 1101

CONSTRUCTION OPENINGS DATA

R=82	T=A	726#1	59#1	83 111221	84 1121021	87 1101	85 S	89	88
R=82	T=A	726#2	59#1	83	84	87	85	89	88

CONSTRUCTION LIFT DATA

Power: 45 E H.P.: 46 110101 Serial No.: 49

Lift Type: 43 T Date: 38 03/02/1990 Intake: 44

MISCELLANEOUS OWNER DATA

Date of Ownership: 159 03/02/1990 Owner Name: 161 BEAR CREEK W A

MISCELLANEOUS OTHER ID DATA

E-Log No.: 190 376 Assigner: 191 M I S S I D I S T

MISCELLANEOUS QW DATA

R=192	T=A	738#1	Date of Measurement 1934     /     /         *	Aquifer Sampled 195#                 *	Temp 196#00010	Value 197#
R=192	T=A	738#2	Date of Measurement 1934     /     /         *	Aquifer Sampled 195#                 *	Sp Cond 196#00095	Value 197#
R=192	T=A	738#3	Date of Measurement 1934     /     /         *	Aquifer Sampled 195#                 *	pH 196#00400	Value 197#

MISCELLANEOUS LOGS DATA

R=198	T=A	739#1	Log Type 199#E *	Beq. Depth 200#     30     *	End Depth 201#     72     *
R=198	T=A	739#1	Log Type 199#D *	Beq. Depth 200#     10     *	End Depth 201#     75     *

MISCELLANEOUS NETWORK DATA

R=114	T=A	730#1	Beq. Year 115#     9     *	End Year 116#     9     *	Agency Source 120=A 117#	Freq. 118#     *
R=121	T=A	730#2	Beq. Year 115#     9     *	End Year 116#     9     *	Agency Source 117#	Freq. 118#     *

MISCELLANEOUS REMARKS DATA

R=183	T=A	311#1	Date of Remarks 184#     3   /   10   2   /   11   9   9   9   *	Remarks 185# MS-GW - 12054 *
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DISCHARGE DATA

R=146	T=A	Pump/Flow 147#1	Date 148#     3   /   10   2   /   11   9   9   9   *	Type 703# (P) F	Discharge 150#     75   7     *	Sp. Capacity 272#     12   11   16   *
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GEOHYDROLOGIC DATA

R=90	T=A	721#1	Depth Top 91#     05   01     *	Depth Bot. 92#             *	Unit Id 93#     24   SPIRITI	304=P
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HYDRAULIC DATA

R=98	T=A	790#1	Unit Tested 100#                 *	103#     *
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Color = 10  
35' dd @ 757 gpm  
Static WL: 242'

Description of formations encountered	from	to
Yellow Clay	0	32
Blue Clay	32	360
Sandy Shale & Lignite	360	400
Clay & Sand Streaks	400	440
Fine Sand & Lignite	440	485
Clay, Sand Streaks & Lignite	440	521
Sand & Lignite	521	575
Sandy Clay	575	637
Sandy Clay Streaks & Lignite	637	747
Rock	747	751
Hard Clay	751	900
Sand	900	907
Clay & Rock Streaks	907	912
Fine Sand	912	947
Sandy Clay & Lignite	947	995
Sandy Clay	995	1019
Clay	1019	1044
Sandy Clay	1044	1055
Fine Sand & Lignite	1055	1107
Rock	1107	1109
Sandy Clay	1109	1119
Sand & Lignite Streak	1119	1203
Shale	1203	1209
Hard Shale	1209	1215
Sand & Clay Streaks	1215	1270
Clay	1270	1275





DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): AL DATE: 9-14-94

UNIT DEQ #: 84090 FILE #: B071415A

HEALTH DEPT. #: 450021-03 ELEV. 340

USGS #: S22 OLWR #: GW12054

OWNER: Bear Ct. W.A. QUAD: Chas/low

LOCATION: SW/NW S 22 T 8N R 15 COUNTY: Madison

LOCATION DESCRIPTION: Well in wooden fence next to  
white pump house

CASING DIA: \_\_\_\_\_ PUMP TYPE & SIZE: Turbine / 100 HP

GPS FIELD LOCATION: LAT. 32.31.227 N LONG. 90.11.509 W

GPS CORRECTED LOCATION: LAT. 32.52032097 LONG. 90.1950294  
~~90.1950297~~

REMARKS: go just 4 mill West of Hwy 463  
on meandered rd Well on E side  
of road.



764 (RIDGELAND)  
2948 1 NW

CEDAR HILL 1.4 MI.  
4 MI. TO INTERSTATE 55

SCALE 1:24 000

