

0450003-01

GW10343

CANTON

2/complete

1/81 WTO

Recorded by

WTO

U.S. GEOLOGICAL SURVEY  
WATER RESOURCES DIVISION  
MISSISSIPPI DISTRICT  
WELL RECORD

209B

Well No.

560

E-Log No.

270

County

Madison

Site ID

3, 2, 4, 1, 3, 6, 0, 9, 0, 0, 2, 2, 6, 0, 1

R=0\*

T=A\*

2=W\*

Way Quad

Data reliab.

3=U\*

Report. agency

4=USGS\*

Dist.

6=28\*

7=28\*

Co.

8=0, 8, 9\*

Lat.

Long./

9=3, 2, 4, 1, 3, 6\*

10=0, 9, 0, 0, 2, 2, 6\*

Well No.

12=6, 0, 6, 0\*

Location

13=NW SW S 19 T 10 N R 03 E\*

Alt.

16=32.1\*

Hyd. Unit (OWDC)

20=

Date

21=0, 3, 1, 0, 2, 1, 1, 9, 8, 3\*

Well use

23=W\*

Water use

24=P\*

Hole depth

27=1900.\*

Well depth

28=1600.\*

WL

30=8.4.\*

Date

31=0, 4, 2, 0, 1, 1, 9, 8, 3\*

Source

33=D\*

Status

273=

Project No.

5=

Muwy

R=158\*

T=A\*

Date

159# 0, 4, 2, 0, 1, 1, 9, 8, 3\*

Owner No.

Owner

161# BIG BLACK WA

Canton Municipal Utilities

R=192\*

T=A\*

Date

193#

Temp.

196#00010\*

197=

R=192\*

T=A\*

Date

193#

Cond.

196#00095\*

197=

R=192\*

T=A\*

Date

193#

pH

196#00400\*

197=

R=58\*

T=A\*

59# 1\*

Date

60=0, 4, 2, 0, 1, 1, 9, 8, 3\*

Remarks

Drig.

63=0.64\*

Name

Layne

Method

65=H\*

Finish

66=G\*

R=76\*

T=A\*

59# 1\*

Top csng.

77# 0.\*

Bot. csng.

78=1555.\*

Diam.

79# 12.\*

R=76\*

T=A\*

59# 1\*

Top csng

77# 1490.\*

Bot. csng.

78=1555.\*

Diam.

79# 8.\*

R=82\*

T=A\*

59# 1\*

Top

83# 1555.\*

Bottom

84=1600.\*

Type

85=S\*

Diam.

87=4.\*

Size

88=

R=82\*

T=A\*

59# 1\*

Top

83#

Bottom

84=

Type

85=

Diam.

87=

Size

88=

310 @ 65#

R=146\*

T=A\*

147# 1\*

Q

150=500.\*

Q/S

272=

134 flows 146 pumped

LIFT

R=42\* T= A \* Lift type 43# T\* Intake 44= \* Power type 45= E\*  
 Date 38= 04/20/1983\* H.P. 46= 60.\*

LOGS

R=198\* T= A \* Log 199# E\* Top 200= 30.\* Bot 201= 1900.\*  
 R=198\* T= A \* Log 199# D\* Top 200= 0.\* Bot 201= 1900.\*  
 R=189\* T= A \* E Log No. 190# 270\* 191= M I S S D I S T \*

ANAL.

R=114\* T= A \* Year 115# \* 117# \* 120# \*

AQUIFERS

R=90\* T= A \* 256# 1\* Top 91= 1560.\* Bot 92= 1620.\*  
 Unit ID 93= 124WLEXA\* Name of Unit  
 R=90\* T= A \* 256# 1\* Top 91= \* Bot 92= \*  
 Unit ID 93= \* Name of Unit

HYDRAULICS

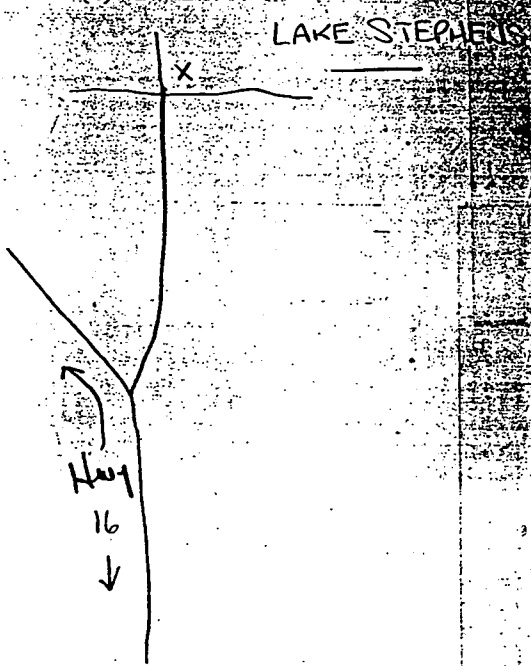
R=98\* T= A \* 99# 1\* Unit tested 100= \* 103= \*  
 R=105\* T= A \* 99# 1\* Test No. 106# \*

107= \* Transmissivity (gal/d)/ft  
 108= \* Hydraul. cond. (gal/d)/ft<sup>2</sup>  
 110= \* Storage coeff. Boundaries

R=121\* T= \* Yr. Begin 122# \* Network 125#

Water Level Data Collection (1)

Test well 1565' - 1610'  
 Fe = .2  
 pH = 8.5  
 CL = 18  
 (145' dd @ 310gpm)



description of formations encountered	from	to
red sandy clay	0	30
red sand	30	204
clay and sand streaks	204	338
hard clay	338	530
sandy shale	530	711
sand	711	791
sand and clay streaks	791	843
clay and sand streaks	843	979
clay	979	993
sandy clay	993	1080
clay	1080	1201
sandy clay	1201	1215
hard clay	1215	1260
rock	1260	1265
hard shale	1265	1316
sandy shale	1316	1326
hard shale	1326	1460
shale and sand streaks	1460	1501
rock	1501	1504
hard shale	1504	1518
sand and clay streaks	1518	1539
hard shale	1539	1557
sand and shale streaks	1557	1607
shale and sand streaks	1607	1645
sandy shale	1645	1657
hard shale	1657	1673
sandy shale	1673	1682
hard shale	1682	1714
shale	1714	1747
hard shale	1747	1900

MADISON  
 660  
 4/20/83  
 Log #270

MISSISSIPPI  
 BOARD OF WATER COMMISSIONERS  
 416 North State Street  
 Jackson, Mississippi 39201

CODED

WATER WELL DRILLERS LOG

April 20 19 83 Layne-Central Company Madison  
 date well completed firm name county well located

LANDOWNER:	description of formations encountered	from	to
Big Black Water	red sandy clay	0	30
District, P. O. Box 368,	red sand	30	204
Canton, MS 39046	clay and sand streaks	204	338
(mailing address)	hard clay	338	530
WELL LOCATION:	sandy shale	530	711
sec. 19 T 10N N R 3E E	sand	711	791
S W	sand and clay streaks	791	843
(distance) miles (direction) of (nearest town)	clay and sand streaks	843	979
WELL PURPOSE: water association	clay	979	993
(home, irrigation, municipal, industrial)	sandy clay	993	108
WELL COMPLETION DATA:	clay	1080	120
(1) diameter (inches) 12"	sandy clay	1201	121
(2) total depth (feet) 1611'	hard clay	1215	126
(3) static water level (feet) 84' below top of ground.	rock	1260	126
(4) casing steel, 1555' (material) (depth)	hard shale	1265	131
12" if telescope see back. (size) 65' of 8"	sandy shale	1316	132
(5) screen 45' (length) 1555' (depth to top)	hard shale	1326	146
8" stainless steel (size) (material)	shale and sand streaks	1460	150
(6) pump 60 (HP) 500 (yield gpm)	rock	1501	150
electric (type power)	hard shale	1504	151
(7) electric log yes (yes or no)	sand and clay streaks	1518	152
MS Geological Survey (organization running log)	hard shale	1539	155
(8) how well bottom plugged valve	sand and shale streaks	1557	160
DRILLERS REMARKS:	shale and sand streaks	1607	164
	sandy shale	1645	165
	hard shale	1657	167
	sandy shale	1673	168
	hard shale	1682	171
	shale	1714	172
	hard shale	1747	190

CODED

DEPT. OF NATURAL RESOURCES  
 BUREAU OF LAND & WATER RESOURCES

JUN 14 1983

RECEIVED



DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

Now Canton Municipal Utilities

USER NAME(S): an & st DATE: 9/12/94

UNIT DEQ #: 84090 FILE #: B091217A

HEALTH DEPT. #: 450003-01 ELEV. 290

USGS #: G-60 OLWR #: GW 10343

OWNER: Big Black Water Assoc. QUAD: Way

LOCATION: SW of the NW) S 19 T 10N R 3E COUNTY: Madison

LOCATION DESCRIPTION: \_\_\_\_\_

CASING DIA: \_\_\_\_\_ PUMP TYPE & SIZE: Turbin 60 HP

GPS FIELD LOCATION: LAT. 32.41.796N LONG. 90.02.157W

GPS CORRECTED LOCATION: LAT. 32.69641204 LONG. 90.03562541  
~~LAT. 32.58933658 LONG. 90.08838532~~

REMARKS: 3 miles north of Canton to Way Rd turn right.  
2.3 miles (Big Black water tower in field)

