

Coded By Q 1290
Checked By 07-27-91
Entered By 07-09-91
Date 07-09-91

U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
MISSISSIPPI DISTRICT

E-Log No. 380
County Agency MADISON

Well No. S 23
North well
Twp

WELL RECORD

6W12962
0450035-01

Agency Code: U | S | G | S Site Id: 1 3 2 3 4 | 2 5 0 9 0 0 9 | 1 | 1 | 1 0 1 1 | Project No.: 5 | | | | | | | | | | | | | |

Station Name: 12 | S O 2 3 | L I A K I E | C A R P O I L I N E | | | | | | | | | | Latitude: 9 | 3 2 3 4 | 2 5 | Longitude: 10 | 0 9 0 0 9 | 1 1 1 | | |

Lat/Long Ac.: 11 | S F T M | Dist: 6 = 28 | State: 7 = 28 | County: 8 | 0 8 9 | NE Land Net: 13 | N E N W | S 1 0 | | T 1 0 8 | N R 1 0 | | E |

Location Map: 14 | C A N T O N | | | | | | | | | | Altitude: 16 | 2 9 6 | Met/Meas: 3 0 2 | Accuracy: 17 | A L M | Hydrologic Unit: 20 | 0 1 8 0 6 | d 2 1 d 2 |

Agency Use: 803 | A I O | Date Invented: 7 | 1 1 | / | / | / | / | / | / | / | / | / | Station Type: Date Type: 804 | | | | | | | | | | | | | |

209

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

Date of Construction: 21 | 1 2 / 1 0 4 / 1 1 9 9 0 | Well Use: 23 | W | Water Use: 24 | P | Primary Aquifer: 714 | 1 2 1 4 1 5 | P R T | | Hole Depth: 27 | 1 1 2 1 3 | |

Well Depth: 28 | 2 0 8 | | Water Level: 30 | 1 9 1 1 | | Water Level Date: 31 | 0 2 / 1 0 8 / 1 1 1 9 1 1 | | Method: 34 | | Status: 37 | | Source: 33 | D |

4107195-196.50

CONSTRUCTION DATA

Construction Date: 60 | 0 2 / 1 0 8 / 1 1 1 9 1 1 | Contractor Name: L O Y N E Method: 65 | H | Finish: 66 | G |

CONSTRUCTION CASING DATA

R=76 | T=A | 725#1 | 59#1 | Top/Casing: 77 | 1 1 0 1 | Bot/Casing: 78 | 1 1 1 3 6 | Diameter: 79 | 1 2 | R=76 | T=A | 725#2 | 59#1 | Top/Casing: 77 | 1 1 0 7 1 1 | Bot/Casing: 78 | 1 1 1 4 2 | Diameter: 79 | 1 8 |

CONSTRUCTION OPENINGS DATA

R=82 | T=A | 726#1 | 59#1 | Top/Depth: 83 | 1 1 1 4 2 | Bot/Depth: 84 | 1 1 1 5 2 | Diameter: 87 | 8 | Type: 85 | S | Length: 89 | Width: 88 |

R=82 | T=A | 726#2 | 59#1 | Top/Depth: 83 | 1 1 1 7 4 | Bot/Depth: 84 | 1 1 2 0 8 | Diameter: 67 | Type: 85 | S | Length: 89 | Width: 88 |

CONSTRUCTION LIFT DATA

R=42 | T=A | 254#1 | Lift Type: 43 | T | Date: 38 | 0 2 / 1 0 8 / 1 1 1 9 1 1 | Intake: 44 | | | | |

Power: 45 | E | H.P.: 46 | 1 6 0 | Serial No.: 49 | | | | | | | | | |

MISCELLANEOUS OWNER DATA

Date of Ownership: 159 | 0 2 / 1 0 8 / 1 1 1 9 1 1 | Owner Name: C A N T O N M U N I C I P A L U T I L I T I E S 161 | S T O C K E T T | | | | | | | | | | | | | |

MISCELLANEOUS OTHER ID DATA

E-Log No.: 190 | 3 8 0 | Assigner: 191 | M | I | S | S | | 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	Beg. Depth 200 / / 50 / .	End Depth 201 / / 211 / .
R=198	T=A	739#1	Log Type 199#D	Beg. Depth 200 / / 10 / .	End Depth 201 / / 223 / .

MISCELLANEOUS NETWORK DATA

R=114	T=A	730#1	Req. Year 115 / / 9 / .	End Year 116 / / 9 / .	Agency Source 120=A 117# / / / / .	Freq. 118 / / .
R=121	T=A	730#2	Req. 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 / / / / / / / / .	Remarks 185 / / / / / / / / .
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DISCHARGE DATA

R=146	T=A	Pump/Flow 147#1	Date 148 / 02 / 108 / 11 / 19 / 11 .	Type 703#P F	Discharge 150 / / 210 / .	Sp. Capacity 272 / / 16 / 8 / .
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GEOHYDROLOGIC DATA

R=90	T=A	721#1	Depth Top 91 / / 14 / .	Depth Bot. 92 / / 21 / .	Unit Id 93 / 12 / 45 / 1 / 1 / .	304=P
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HYDRAULIC DATA

R=98	T=A	790#1	Unit Tested 100 / / / / / / / / .	103 / / .
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description of formations encountered	from	to
Yellow Clay	0	35'
Blue Clay	35'	240'
Sandy Clay	240'	270'
Shale & Sand Streaks	270'	296'
Sandy Clay	296'	395'
Shale	395'	405'
Clay	405'	525'
Fine Sand & Clay Streaks	525'	625'
Clay	625'	710'
Hard Clay	710'	740'
Clay	740'	810'
Sand	810'	905'
Sand	905'	940'
Clay	940'	980'
Sand	980'	1118'
Clay	1118'	1149'
Sand & Clay Streaks	1149'	1210'
Clay	1210'	1223'

MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES

Bureau of Land and Water Resources

Southport Mall

P.O. Box 10631

Jackson, Mississippi 39209

WATER WELL DRILLERS LOG

Madison
S 23

used

Feb 8, 1991 Layne-Central Co. Madison
date well completed firm name county well located

LANDOWNER: Lake Caroline, Inc
Well #2 - North Well
P.O. Box 1214

description of formations encountered	from	to
---------------------------------------	------	----

Madison, MS 39130
(mailing address)

Yellow Clay	0	35'
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WELL LOCATION: NE 1/4 of NW 1/4
sec. 1 T. 8 N. R. 1 E. 8

Blue Clay	35'	240'
-----------	-----	------

(distance) _____ miles (direction) _____ of _____ (nearest town)

Sandy Clay	240'	270'
------------	------	------

WELL PURPOSE: Municipal
(home, irrigation, municipal, industrial)

Shale & Sand Streaks	270'	296'
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WELL COMPLETION DATA:

Sandy Clay	296'	395'
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(1) diameter (inches) 12"

Shale	395'	405'
-------	------	------

(2) total depth (feet) 1213'

Clay	405'	525'
------	------	------

(3) static water level (feet) 191' below top of ground.

Fine Sand & Clay Streaks	525'	625'
--------------------------	------	------

(4) casing Steel, 1136'
(material) (depth)

Clay	625'	710'
------	------	------

12" If telescope see back.
(size) + 93' of 8"

Hard Clay	710'	740'
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(5) screen 44', 1142'
(length) (depth to top)

Clay	740'	810'
------	------	------

8", Stainless Steel
(size) (material)

Sand	810'	905'
------	------	------

(6) pump 30, 200
(HP) (yield gpm)

Sand	905'	940'
------	------	------

4160 volts
(type power)

Clay	940'	980'
------	------	------

(7) electric log Yes
(yes or no)

Sand & Clay Streaks	1149'	1210'
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Layne-Central Co.
(organization running log)

Clay	1210'	1223'
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(8) how well bottom plugged 5' Back Pressure Valve

RECEIVED

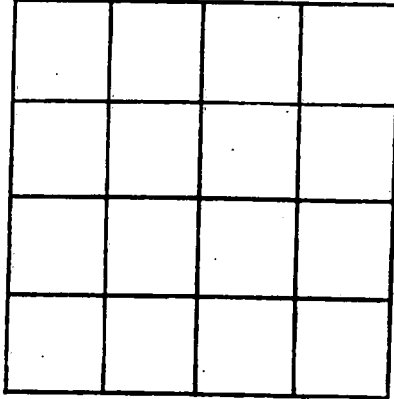
MAY 31 1991

Dept. of Environmental Quality
Bureau of Land & Water Resources

DRILLERS REMARKS: Permit #
MS-GW-12367 12962

If well telescopes please
sketch and show depths.

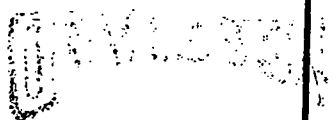
GROUND LEVEL



SECTION _____

Please indicate well location X.

ADDITIONAL INFORMATION

Faint handwritten or stamped text, possibly a date or identifier, located in the lower left corner of the page.

If more than one screen,
show locations of each on sketch.

CANTON UT. .LAKE CAROLINE NO. 2

S23 450035-01 GW12962 MADISON CO.

3-6-2003



**DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR-
PUBLIC SUPPLY WELLS PROJECT**

GPS LOG

USER NAME (S) : RLB

DATE :3-6-2003

UNIT DEQ # : _____

FILE # : _____

HEALTH DEPT. # : 450035-01 ELEVATION : 301 map tech/gps

USGS # : s23

OLWR # : gw 12962

OWNER : canton ut. /lake caroline n0.2

QUAD :charlton

LOCATION : _____ S _____ T _____ R _____ COUNTY madsion

LOCATION DESCRIPTION : from hy. 22 , go south on bellevue for .3 miles , well
at intersection of bellevue and bridewater.

CASING DIA :

PUMP TYPE & SIZE : sub

GPS FIELD LOCATION : LAT. 32.57452

LONG. 90.15058

GPS CORRECTED LOCATION : LAT. LONG.

REMARKS : p000861 psd

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

Canton Municipal Utilities

USER NAME(S): at + st DATE: 9/12/94

UNIT DEQ #: 84090 FILE #: B091218J3

HEALTH DEPT. #: 450035-01 ELEV. 302

USGS #: S.2-3 OLWR #: 6W12967

OWNER: Lake Caroline #2 QUAD: Charlton

LOCATION: NE/NW S 1 T 9 N R 2 E COUNTY: Madison

LOCATION DESCRIPTION: next to ground tank - east

CASING DIA: _____ PUMP TYPE & SIZE: Sub.

GPS FIELD LOCATION: LAT. 32.34.474 N LONG. 90.09.029 W

GPS CORRECTED LOCATION: LAT. 32.57448391 LONG. 90.15066625

REMARKS: 5 miles from Ballard + Bellevue

P000861
psd
32° 34' 28.14" ^{RLB}
GPS 2-5-2003
32.57452
90.15058
90° 09' 02.4
@ CORNER OF
Bellevue + Bridge water

Lake Caroline #2

GW-12967 12962-1991

D-1180

450035-01 - North West Well @ Lake Carolyn



Target is 32° 34' 28"N, 90° 09' 02"W - CHARLTON quad [Quad Info]

H.D. 32 32 53 -90.09 18

