

Coded by: BRR 7104
Checked by: JR 090304
Entered by: RJK
Date: 7/04

U. S. Geological Survey
Water Resources Division
Mississippi District
Well Record

Well No. S54
E-Log No. NEL
County LAUDERDALE 235c
Agency _____

Agency Code 321835/883907 Site ID

U S G S 1= 321835088390701

Project No. (12 chara.)
5= _____

Station Name
12= S0054 X LAUDERDALE CO

Station Type
802= _____ Y

Dist. Code 28 State Code 28 County Code 075
Latitude 9= 321835 Longitude 10= 0883907

Lat/Long Acc. 11= 5 Lat/Long Meth. 35= G

11- L/L Acc-1=+/- .1 sec, 5=+/- .5 sec, S=+/-1sec(GPS), F=+/-5sec, T=+/-10 sec, M=+/-1 min
35- L/L Meth-D=DGPS, G=GPS, L=Loran, M=MAP, S=Survey, U=Unknown

if determined from topo
1/2 contour interval

A=Altimeter, D=DGPS
G=GPS, L=Surveying
M=Topo, U=Unknown

Lat/Long Datum (NAD27 or NAD83)
36= NAD83

Altitude 16= 540*

Accuracy 18= 10 Method Meas. 17= M

Altitude Datum (NGVD29 or NAVD88)
22= NGVD29

Land Net Loc. Meridians-I=Chickasaw, O=Choctaw, H=Huntsville, S=St. Stephens, W=Washington
13= SLNWS X 03T 05N X X R 16E X X 0

Hydrologic Unit
20= 03170002

Gr. Time Loc. Time
813= CST 814= Y

Location Map
14= MERIDIAN SOUTH

Agency Use 803= 0 Date Inventoried 711= _____

Station Remarks Field (50 chara.)--33 spaces shown

806= S MI SE OF MERIDIAN

Web-R
2= W X 32= _____

Reliability
3= CLMU

Date of Construction
21= 10022003

Well Use 23= W Water Use 24= P

Primary Aquifer
714= 124 WLCXL

Hole Depth
27= 1098*

Well Depth
28= 1030*

Construction Data
R=58 T=A 723 #1

Construction Date
60= 10022003

Contractor
63= 0064 Name LAYNE

Method 65= H Finish 66= G

Construction Casing Data
R=76 T=A 725 #1 59 #1

Top of Casing
77= _____*

Bottom of Casing
78= 970*

Diameter
79= 12*

Material
80= S*

G-galv. iron, P-pvc, S-steel,
V-stainless (For other materials-see manual)

R=76 T=A 725 #1 59 #1

Top of Casing
77= 890*

Bottom of Casing
78= 980*

Diameter
79= 8*

Material
80= S*

Construct. Openings Data
R=82 T=A 726 #1 59 #1

Top / Depth
83= _____*

Bottom / Depth
84= 1030*

Diameter
87= 8*

Material
86= S*

Type
85= R*

Width
88= 1020*

R=82 T=A 726 #2 59 #1

Top / Depth
83= _____*

Bottom / Depth
84= _____*

Diameter
87= _____*

Material
86= _____*

Type
85= _____*

Width
88= _____*

F-fractured rock, M-mesh screen, P-perforated, R-Wire-wound, S-screen,
T-sand point, X-open hole (For other types see manual)

G-galv. iron, P-pvc/plastic,
R-stainless steel, S-steel

Construction Lift Data
R=42 T=A 254 #1

Lift Type
43= T ← P-piston, R-rotary, S=submergible
T-turbine, U-unknown, Z-other

DATE

38= 10022003

Intake

44= 440

Power/Type

45= E D=diesal, E=elect., G=gasoline, L=LP gas, N=nat. gas, W=windmill

Horse Power

46= _____* 60*

Serial No.

49= _____

Misc Owner Data

Date of Ownership

R=158 T=A 718 #1 159= 10022003

Owner Name--(Max of 64 characters---34 shown)

161= LONG CREEK WA

Phone Number

Street Address (max. of 64 characters)

351= _____ 353= 4695 LONG CREEK WATER RD City

State

356= MS

355=

MERIDIAN

Zip Code

357= 39301

358= USA

Misc Other ID Data

189 T=A 736 #1

E-Log No.

190= [] [] [] [] *

Assigner

191= M I S S D I S T

Misc Logs Data

198 T=A 739 #1

Log Type

199= DR

Beg. Depth

200= [] [] [] [] 0.

End Depth

201= [] [] [] 1098.

Format

225= F 226= USGS Files

198 T=A 739 #2

Log Type

199= [] []

Beg. Depth

200= [] [] [] []

End Depth

201= [] [] [] []

Source

225= F 226= USGS files

Misc. Network Data

706= QW, WL, WD *

Beg. of Year

End of Year

114 T=A 730 #1 115= [] [] [] [] 116= [] [] [] [] 120= A

Agency Source

117= [] [] [] [] [] []

Freq.

118= [] []

121 T=A 730 #2

Beg. of Year

End of Year

115= [] [] [] [] 116= [] [] [] [] 120= A

Agency Source

117= [] [] [] [] [] []

Freq.

118= [] []

Misc Remarks Data

Date of Remarks

Remarks--(Max. of 44 characters) 16 SHOWN

183 T=A 311 #1 184= 10022003 185= MSGW 16010

Discharge Data

Date

Type

Discharge

146 T=A Pump Flow 147 #1 148= 10022003 703= DF * 150= [] [] 352. *

Meth. Disc.

Duration

Specific Capacity

Drawdown

152= R 157= [] [] [] 4 * 272= [] [] [] [] * 309= [] [] [] 9 *

Geohydrologic Data

Depth-Top of Interval

Depth-Bottom of interval

Aquifer Code

90 T=A 721 #1 91= [] [] 955 * 92= [] [] 1040 * 93= [] [] 124 W L C X L *

Hydraulic Data

Hydraulic Unit I D

Unit Type

98 T=A 790 #1 Unit Tested 100= [] [] [] [] [] [] [] [] [] [] [] [] 103= [] [] [] [] [] [] [] [] [] [] [] [] 304= P

Historical Water Level Data

Date

Water Level

Method of Meas.

Source

Source Agency

234 T=A 235# 10022003 243= L 237= [] [] 311 239= R 244= D 247= MS008

A-gov., D-driller, G-geologist, L-logs, M-memory, O-owner, R-other reported, S-reporting agency, Z-other

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
RED CLAY SANDY	0	100
CLAY	100	130
SAND	130	220
CLAY	220	240
SANDY CLAY	240	275
CLAY	275	400
SAND	400	460
CLAY & SAND STREAKS	460	610
ROCK	610	615
SANDY CLAY	615	660
CLAY	660	615
SANDY CLAY STREAKS	615	700
HARD CLAY	700	715
CLAY & SANDY STREAKS	715	955
SAND	955	1040
CLAY & ROCK	1040	1045
SANDY CLAY STREAKS	1045	1098