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 Date 12/92

U.S. GEOLOGICAL SURVEY
 WATER RESOURCES DIVISION
 MISSISSIPPI DISTRICT

CPsd 9/26/96 Hornbeak
 WELL RECORD

E-Log No. 121
 County CARROLL
 Agency

Well No. F68

North Carrollton Quad

DOH # 0080002-02
 Gw 13784

Agency Code UISGIS Site Id 13330450895512011 Project No. 54

Station Name 12 FIO681 CARROLLTON Latitude 9 33 30 45 Longitude 10 08 9 55 12

Lat/Long Ac. 11 S F M Dist 6=28 State 7=28 County 8 0 15 Land Net 13 SEINW S 18 T 19 N R 04

Location Map 14 NI CARROLLTON Altitude 210 Met/Meas 17 A L M Accuracy 18 15 Hydrologic Unit 20 018103102105

Agency Use 803 A 1 0 Date Inventoried 7 11 / / Station Type 4 Data Type 804

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

Date of Construction 21 05 / 31 / 1992 Well Use 23 W Water Use 24 P Primary Aquifer 714 1 2 4 W L R X M Hole Depth 27 18 9 6

Well Depth 29 18 8 5 Water Level 30 18 6 Water Level Date 31 0 6 / 11 9 / 1992 Method 34 * Status 37 * Source 33 D

CONSTRUCTION DATA

R=58 T=A 723#1 Construction Date 6 0 6 / 11 9 / 1992 Contractor 63 0 6 14 Name Layne Method 65 H Finish 66 6

CONSTRUCTION CASING DATA

R	T	Top/Casing	Bot/Casing	Diameter
<u>76</u>	<u>A</u>	<u>725#1</u> <u>59#1</u>	<u>77</u> <u>11 10</u>	<u>78</u> <u>18 3 5</u>
<u>76</u>	<u>A</u>	<u>725#2</u> <u>59#1</u>	<u>77</u> <u>17 7 2</u>	<u>78</u> <u>18 3 2</u>

CONSTRUCTION OPENINGS DATA

R	T	Top/Depth	Bot/Depth	Diameter	Type	Length	Width
<u>82</u>	<u>A</u>	<u>726#1</u> <u>59#1</u>	<u>83</u> <u>18 3 2</u>	<u>84</u> <u>18 1 5</u>	<u>87</u> <u>14</u>	<u>85</u> <u>S</u>	<u>89</u> <u>11</u>
<u>82</u>	<u>A</u>	<u>726#2</u> <u>59#1</u>	<u>83</u> <u>11 11</u>	<u>84</u> <u>11 11</u>	<u>87</u> <u>11</u>	<u>85</u> <u>S</u>	<u>89</u> <u>11</u>

CONSTRUCTION LIFT DATA

R=42 T=A 254#1 Lift Type 43 T Date 38 0 6 / 11 9 / 1992 Intake 44 12 9 10

Power 45 E H.P. 46 125 Serial No. 49

MISCELLANEOUS OWNER DATA

R=158 T=A 718#1 Date of Ownership 159 0 6 / 11 9 / 1992 Owner Name 161 CARROLLTON

MISCELLANEOUS OTHER ID DATA

R=189 T=A 736#1 E-Log No. 190 12 11 Assigner 191 M I S S I D I S T

289

52.9

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# / / / / / / / /	So 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	Sec. Depth 200# 160	End Depth 201# 189.3
R=198	T=A	739#1	Log Type 199#D	Sec. Depth 200# 10	End Depth 201# 189.6

MISCELLANEOUS NETWORK DATA 706 = QW WL WD *

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

MISCELLANEOUS REMARKS DATA

R=183	T=A	311#1	Date of Remarks 184# 10/11/1914	Remarks 185# MSGW 13784
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DISCHARGE DATA

R=146	T=A	Pump/Flow 147#1	Date 148# 10/11/1914	Type 703# P	Discharge 150# 1150	So. Capacity 272# 13.9
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GEOHYDROLOGIC DATA

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

R=98	T=A	790#1	Unit Tested 100# / / / / / / / /	103# /
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49.7 @ 150 gpm

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Clay	0	10	Clay	572	615
Sand	10	25	Sandy Shale	615	622
Clay	25	73	Clay	622	807
Clay & Sand Strk.	73	97	Sand & Clay	807	857
Coarse Sand	97	127	Rock	857	858
Clay	127	188	Sand & Clay	858	889
Shale & Sand Strk.	188	225	Clay	889	897
Clay w/ Sand Strk.	225	523			
Sand	523	537			
Clay & Sand Strk.	537	556			
Sand	556	572			

IF MORE SPACE IS NEEDED, USE BACK

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Hornbeak DATE: 9/26/96
UNIT DEQ #: 82859 FILE #: B092617A • COIR
HEALTH DEPT. #: 080002-02 ELEV. _____
USGS #: F68 OLWR #: GW13784
OWNER: Town of Carrollton QUAD: North Carrollton
LOCATION: NE-NW s 18 T 19 NR 4E COUNTY: Carroll
LOCATION DESCRIPTION: In Fence on SW side of (Carroll Academy Athletic Field Rd.) at
SW corner of Intersection of Hwy 35 + Big Sand Creek.
(Carrollton)
CASING DIA: 10" PUMP TYPE & SIZE: 25 HP Elec.
GPS FIELD LOCATION: LAT. 33° 30' 48.7" LONG. 89° 55' 17.1"
GPS CORRECTED LOCATION: LAT. 33.51335641 LONG. 89.92132673
REMARKS: GPS at Well.
(Well is the NW well of 2 wells)

B0926

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
Bureau of Land and Water Resources

P. O. Box 10631
Jackson, MS 39289-0631
WATER WELL DRILLERS LOG

COUNTY WELL LOCATED Carroll		PERMIT NUMBER 13784
WELL NUMBER 2	CODED F68 ✓	
DATE WELL COMPLETED 6/19/92		NAME OF DRILLING FIRM Layne-Central
		Cleveland, MS

NAME & MAILING ADDRESS OF LANDOWNER Town of Carrollton			
Carrollton, MS			
WELL LOCATION:	SEC	TOWNSHIP	RANGE
	18	19N	4E
		S	W
DISTANCE	DIRECTION	NEAREST TOWN	
In Town	Miles	of	
OTHER LANDMARK Academy Road by Existing Well			
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc. Municipal			

PUMP DATA		
PUMP TYPE (Circle One): Submersible, Turbine, Jet, Flowing Well, Other (Describe)		
POWER TYPE (Circle One): Electric, Tractor, Diesel, Gasoline, Butane, Other (Describe) H/P 25		
Pump Capacity (GPM)	No. of Stages	Setting Depth
150	13	260 FT.
PUMP TEST		
Well yielded 151 GPM with a drawdown of 49'7" ft. after 4 hours of pumping		

WELL DATA		
Well Depth 889'	Casing Diameter (In.) 10"	Casing Length (Ft.) 832'
Type of Casing Steel	Hole Depth 897'	Depth to Static Water Level 86'
TYPE OF COMPLETION: (Circle One or More): Gravel Packed, Underreamed, Telescoped, Natural Development, Open Hole, Other (Describe)		
Top of Lap Pipe or Reduction in Casing 772' FEET		
IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE		

LOG DATA	
TYPE OF LOG RUN (Circle One): No Log Run, Electric, Gamma Ray, Density, Sonic, Neutron, Other (Describe)	
Name of Organization Running Log Layne	

SCREEN DATA		
Diameter - Inches 4"	Length - Feet 48'9"	Slot Size - Inches .010
Screen Type S.S. R.B.		Depth to Bottom - Feet 884'

GEOLOGIC DATA (Office Use Only)			
Surface Elev.	Top of Casing	Depth to Top	
Subs. SWL	Date	Analysis	Analysis Test
Driller's Remarks			
NOV 30 1994			
Dept. of Environmental Quality Office of Land & Water Resources			

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	
			FROM	TO
Clay	0	10	Clay	572 615
Sand	10	25	Sandy Shale	615 622
Clay	25	73	Clay	622 807
Clay & Sand Strk.	73	97	Sand & Clay	807 857
Coarse Sand	97	127	Rock	857 858
Clay	127	188	Sand & Clay	858 889
Shale & Sand Strk.	188	225	Clay	889 897
Clay w/ Sand Strk.	225	523		
Sand	523	537		
Clay & Sand Strk.	537	556		
Sand	556	572		

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