

Coded By Q 9/95
 Checked By W 6-17-91
 Entered By LJG
 Date 06-11-91

U.S. GEOLOGICAL SURVEY
 WATER RESOURCES DIVISION
 MISSISSIPPI DISTRICT
 GPsd 9/26/96 Hornbeak
 WELL RECORD

E-Log No. 116
 County CARROLL
 Agency

Well No. F63

North Carrollton Quad
 DOH # 0080006-03
 GW12464

Agency Code U S G S Site Id 13331100895423011 Project No. 54
 Station Name 12 F0163 N CARROLLTON Latitude 93331110 Longitude 109895423

Lat/Long Ac. 11 S F T M Disc 6=28 State 7=28 County 8=015 NE SW Land Net 13 SW SW S08 T11 R014 E4

Location Map 14= N CARROLLTON Altitude 243 Met/Meas 17 A L M Accuracy 18 15 Hydrologic Unit 20=018101310121015

Agency Use 303 A I Date Inventoried 711 Station Type Data Type 804

Instr. 805 Remarks 806 Relia. 3 C L M U 2=M X

Date of Construction 21 07/13/1990 Well Use 23 Water Use 24 P Primary Aquifer 714 24 W L C X M Hole Depth 27 17421

Well Depth 29 6810 Water Level 30 170 Water Level Date 31 07/13/1990 Method 34 Status 37 Source 33 D

CONSTRUCTION DATA
 Construction Date 60 07/13/1990 Contractor 63 016 H Name Laura Method 65 H Finish 66 C

CONSTRUCTION CASING DATA
 Top/Casing 77 110 Bot/Casing 78 161781 Diameter 79 12
 Top/Casing 77 16171 Bot/Casing 78 16801 Diameter 79 18

CONSTRUCTION OPENINGS DATA
 Top/Depth 83 16810 Bot/Depth 84 17310 Diameter 87 18 Type 85 S Length 89 Width 88 10210
 Top/Depth 83 Bot/Depth 84 Diameter 87 Type 85 Length 89 Width 88

CONSTRUCTION LIFT DATA
 Lift Type 43 T Date 38 07/13/1990 Intake 44 12081
 Power 45 EL H.P. 46 150 Serial No. 49

MISCELLANEOUS OWNER DATA
 Date of Ownership 159 07/13/1990 Owner Name 161 NORTH CARROLLTON

MISCELLANEOUS OTHER ID DATA
 E-Log No. 190 116 Assigner 191 M I S S I D I S T

130c

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 *	Req. Depth 200# 201 *	End Depth 201# 749 *
R=198	T=A	739#2	Log Type 199#D *	Req. Depth 200# 10 *	End Depth 201# 742 *

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# 017 / 30 / 1199101 *	Type 703# (P)	Discharge 150# 15010 *	Sp. Capacity 272# *
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GEOHYDROLOGIC DATA

R=90	T=A	721#1	Depth Top 91# 675 *	Depth Bot. 92# 735 *	Unit Id 93# 124 W L C M	304=P
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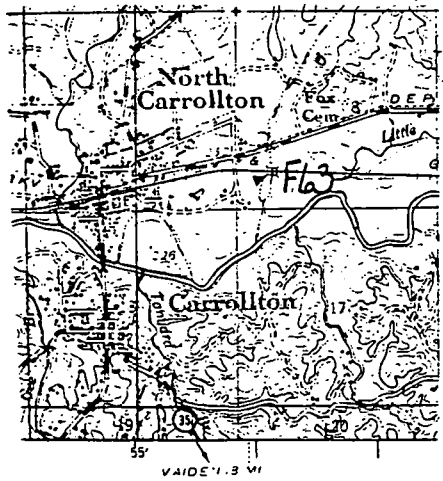
HYDRAULIC DATA

R=98	T=A	790#1	Unit Tested 100# *	103# *
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Well # 3

55' dd @ 500 gpm

TOTAL DEPTH	EACH STRATUM	FORMATION	SP. CAP.
0-17	17	Clay	
17-67	50	Coarse sand	
67-87	20	Clay	
87-129	42	Stk. of green sand & clay	
129-218	89	Sand & strks. of clay	
218-277	59	Sandy shale & sand strks.	
277-301	24	Sand with strks. of shale	
301-324	23	Sandy shale	
324-337	13	Clay	
337-370	33	Sand	
370-484	114	Stks. of sand with clay	
484-563	79	Sand	
563-616	53	Clay	
616-646	30	Sand & strks. of shale (cu. bad)	
646-657	11	Clay	
657-675	18	Sandy shale	
675-730	55	Sand	
730-731	1	Rock Hard	
731-741	10	Clay	
741-742	2	Rock	



22-4573

MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES

Bureau of Land and Water Resources

COUNTY WELL LOCATED

Carroll

WELL NUMBER

63

CODED

PERMIT NUMBER

NAME OF DRILLING FIRM

Layne Central Co.

DATE WELL COMPLETED

7-90

Cleveland, MS

P.O. Box 10631

Jackson, Mississippi 39209

WATER WELL DRILLERS LOG

NAME & MAILING ADDRESS OF LANDOWNER

Town of No. Carrollton

P.O. Box 65

No. CARROLLTON, MS 38947

WELL LOCATION: SEC 8 TOWNSHIP 19 N RANGE 4 E W

DISTANCE Direction NEAREST TOWN

Miles via N. Carrollton

OTHER LANDMARK

WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc.

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 50

Pump Capacity (GPM) No. of Stages Setting Depth

500 6 208 FT.

PUMP TEST

Well yielded 500 GPM with a drawdown of 55 ft.

after 24 hours of pumping

WELL DATA

Well Depth 735' Casing Diameter (In.) 12 Casing Length (Ft.) 678

Type of Casing Steel Hole Depth 735' Depth to Static Water Level 70'

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 617 FEET IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

SCREEN DATA

Diameter - Inches 8 Length - Feet 50 Slot Size - Inches .020

Screen Type ST. Steel Depth to Bottom - Feet

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 Geophysical

GEOLOGIC DATA (Office Use Only)

Table with columns: Surface Elev., Geologic Unit, Unit Thickness, Depth to Top, Subs. SWL, Date, Analysis, Aquifer Test

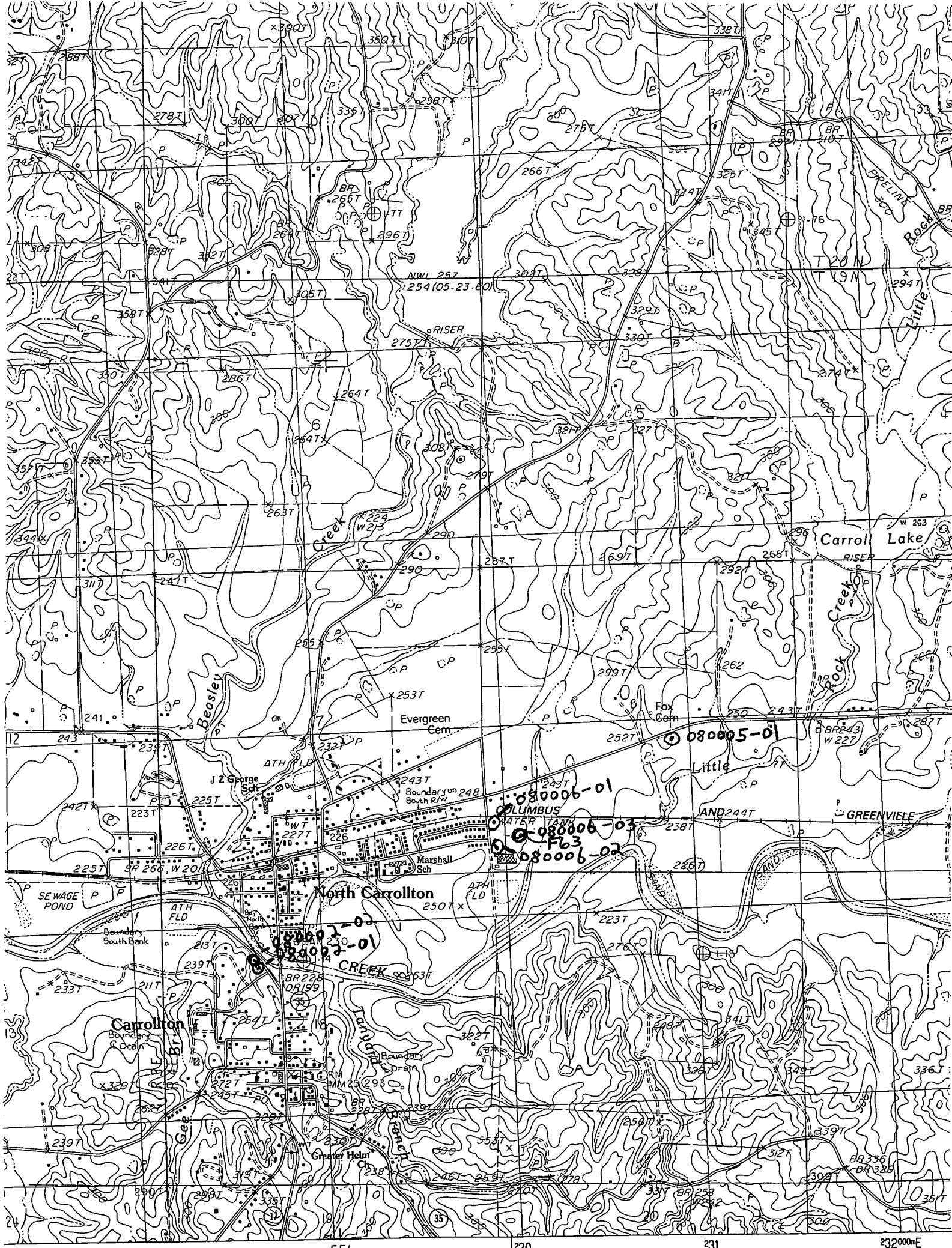
Driller's Remarks

Table with columns: DESCRIPTION OF FORMATIONS ENCOUNTERED, FROM, TO, FORMATIONS (Continued), FROM, TO. Includes a large 'RECEIVED' stamp and date 'APR 05 1991'.

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Hornbeak DATE: 9/26/96
UNIT DEQ #: 82859 FILE #: B092619B
HEALTH DEPT. #: 080006-03 ELEV. _____
USGS #: F63 OLWR #: G W12464
OWNER: Town of North Cartollton QUAD: North Cartollton
LOCATION: Sw-Sw S 8 T 19N R 4E COUNTY: Cartoll
LOCATION DESCRIPTION: In Fence in Field .10 mi. SE of Elev. Tank on
Industrial Park Rd. .10 mi. South of Intersection with
CASING DIA: 12" Mc Carley Rd. (North Cartollton) PUMP TYPE & SIZE: 50 HP Elec.
GPS FIELD LOCATION: LAT. 33° 31' 09.4" LONG. 89° 54' 20.9"
GPS CORRECTED LOCATION: LAT. 33.51947426 LONG. 89.90583883
REMARKS: GPS at well.



22A

55'

230

231

232000E

DRILLED FOR North Carrollton

ADDRESS North Carrollton, MS

OF SEC. 8 TS 19 N R 4 E

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0-17	17	Clay
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