

Coded By Q 5198  
 Checked By GRH 02-02-99  
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 Date 2/99

U.S. GEOLOGICAL SURVEY  
 WATER RESOURCES DIVISION  
 MISSISSIPPI DISTRICT

E-Log No. 1016  
 County HINDS  
 Agency

Well No. L74

WELL RECORD

Agency Code U S G S Site Id 132154110902454011 Project No. 5

Station Name 12= L074 RAYMOND Latitude 9= 3215411 Longitude 10= 0902454

Lat/Long Ac. 11= S F T M Dist 6= 28 State 7= 28 County 8= 049 NEW and Net. 13= N W S W S I Z I T I O S I N R I O Z I W x 0

Location Map 14= RAYMOND Altitude 16= 2165 Met/Meas 17= A L M Accuracy 18= 15 Hydrologic Unit 20= 0806102102

Agency Use 803= A I D Date Inventoried 711= Station Type 4 Data Type 804=

Instru. 905= Remarks 806= Relia. 3= C M U X W X

Date of Construction 21= 04 / 23 / 1998 Well Use 23= W Water Use 24= P Primary Aquifer 714= K H S P R T I Hole Depth 27= 2101021

Well Depth 28= 17517 Water Level 30= 1717 Water Level Date 31= 10 / 17 / 1998 Method 32= Status 33= Source 34= D

CONSTRUCTION DATA

R=58 T=A 723#1 Construction Date 60= 06 / 10 / 1998 Contractor 63= 064 Name Layne Method 65= H Finish 66= S

CONSTRUCTION CASING DATA

R=76	T=A	725#1	59#1	77= 1101	78= 1679	79= 121
R=76	T=A	725#2	59#1	77= 1582	78= 1687	79= 81

CONSTRUCTION OPENINGS DATA

R=82	T=A	726#1	59#1	83= 1687	84= 1757	87= 18	85= S	89=	88= 10114
R=82	T=A	726#2	59#1	83=	84=	87=	85=	89=	88=

CONSTRUCTION LIFT DATA

R=42 T=A 254#1 Lift Type 43= T Date 38= 06 / 10 / 1998 Intake 44=

Power 45= H.P. 46= 100 Serial No. 49=

MISCELLANEOUS OWNER DATA

R=158 T=A 718#1 Date of Ownership 159= 06 / 10 / 1998 Owner Name 161= RAYMOND

MISCELLANEOUS OTHER ID DATA

R=189 T=A 736#1 E-Log No. 190= 1016 Assigner 191= M I S S I 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#EL	Boo. Depth 200# / / / / / .	End Depth 201# / / 993 / .
R=198	T=A	739#1	Log Type 199#D	Boo. Depth 200# / / / / / .	End Depth 201# / / 0102 / .

MISCELLANEOUS NETWORK DATA  $106 = QW$   $WL$   $WD$  \*

R=114	T=A	730#1	Bec. Year 115# / / / / .	End Year 116# / / / / .	Agency Source 120=A 117# / / / / .	Freq. 118# / / .
R=121	T=A	730#2	Bec. Year 115# / / / / .	End Year 116# / / / / .	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	<del>Flow</del> Pump 147#1	Date 148# 06 / 10 19 / 11 19 18 .	Type 703# (D) F	Discharge 150# / / 10 / 10 / .	Sp. Capacity 272# / / 29 / .
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GEOHYDROLOGIC DATA

R=90	T=A	721#1	Depth Top 91# / / 1685 / .	Depth Bot. 92# / / 1800 / .	Unit Id 93# / / 124 SPRT / .	304# =
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$154 = 197$  \*  $155 = D$  \*

HYDRAULIC DATA

R=98	T=A	790#1	Unit Tested 100# / / / / / / / / .	103# / / .
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(OFF CLINTON/RAYMOND RD  
North side of Campus)

Test well screened 1684' - 1754'

6" x 4"      pH = 8.4  
 WL = 205'      TDS = 326  
 Q = 113 gpm      T = 37°C (98.6°)

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Sandy Clay	0	15	Clay & Fine Sand Strks	1050	10
Yellow Clay	15	33	Sand/Clay/Lignite Strk	1065	11
Blue Clay	33	150	Sand/Lignite Streaks	1100	12
Sandy Clay	150	170	Hard Clay/Lime Streaks	1255	14
Rock	170	173	Hard & Fine Sand Strks	1443	15
Lime & Rock Streaks	173	195	Sand/Clay/Lignite Strk	1515	15
Clay	195	312	Hard Clay/Sand Streaks	1568	15
Hard Lime	312	315	Sandy Clay & Lignite	1595	16
Clay & Sand Streaks	315	520	Hard Clay	1630	16
Clay	520	800	(See Back)		
Sandy Clay	800	1050	IF MORE SPACE IS NEEDED USE BACK		

Hard Clay/Fine Sand Streaks	1645	1685
Sand & Lignite Streaks	1685	1787
Clay & Fine Sand	1787	1798
Sandy Clay	1798	1824
Hard Clay	1824	2002

YIELD @ 610 GPM  
 w/ PD of 30.3'  
 AFTER 2.4 HRS