



MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

WELL SCHEDULE

FIPS: 49

WELL: L74

LOG NO.:

Recorded by: PPhillips Data Source: Permit, Drillers log Date: 4/8/02

County: Hinds Permit No.: Gw15211 DOH No.: 0250020-04

Quad: Raymond Elevation: 274

1/4: NE 1/4: NW 1/4: NW 1/4: SW Sec.: 21 T: SN R: 2W

Plotted on quad? [checked] In field? From drillers log? From permit?

Latitude: Longitude: GPS? 9/5/01 RLB/DC From Quad?

Primary aquifer: CCKF Secondary aquifer:

Use: MU Well status: Local well name:

Owner: City of Raymond

Date completed: 6/9/98 Driller: Layne-Central Well depth: 1757 Hole Depth: 2002

Pump type: Turbine Power type: Electric Pump capacity: 600 gpm

Casing interval: 0-1679 Casing length: 1679 Casing diameter: 12"

Casing interval: Casing length: Casing diameter:

Screen interval: 1687-1757 Screen length: 70' Screen diameter: 8"

Screen interval: Screen length: Screen diameter:

Type of logs: Log interval:

Initial water level: 197' Date: 6/9/98 M.P. description:

Water Quality Data? Source: Reliability:

Water Level Data? Source: Reliability:

Pump Test Data? Source: Reliability:

Water Use Data? Source: Reliability:

250020-04

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
Office of Land and Water Resources

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

COUNTY WELL LOCATED Hinds		PERMIT NUMBER MS-GW-15211
WELL NUMBER 3	CODED 74	NAME OF DRILLING FIRM Layne Central
DATE WELL COMPLETED 6/9/98		Jackson, MS

NAME & MAILING ADDRESS OF LANDOWNER City of Raymond			
110 Court Square			
Raymond, MS 39154			
WELL LOCATION	SEC	TOWNSHIP	RANGE
		5 S 2 E	
DISTANCE	DIRECTION	NEAREST TOWN	
OTHER LANDMARK on Hinds Boulevard			
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 460		
Pump Capacity (GPM) 600	No. of Stages 10	Setting Depth FT.
PUMP TEST		
Well yielded 610 GPM with a drawdown of 30.3 ft. after 24 hours of pumping		

WELL DATA		
Well Depth 1757'	Casing Diameter (In.) 12"	Casing Length (Ft.) 1679'
Type of Casing Steel	Hole Depth 1784'	Depth to Static Water Level 197'
TYPE OF COMPLETION: (Circle One or More): Gravel Packed, Underreamed, Telescoped, Natural Development, Open Hole, Other (Describe)		
WELL GROUTED TO A DEPTH OF 1757 FEET Type Grout (circle one): Cement, Bentonite, or Mix		

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-Central	

SCREEN DATA		
Diameter - Inches 8"	Length - Feet 70'	Slot Size - Inches 14
Screen Type Stainless Steel	Depth to Bottom - Feet 1757	

GEOLOGIC DATA (Office Use Only)			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test
Drill marks JAN 08 1999			
Top of Lap Pipe or Reduction in Casing FEET IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE			

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Sandy Clay	0	15	Clay & Fine Sand Strks	1050	1065
Yellow Clay	15	33	Sand/Clay/Lignite Strk	1065	1100
Blue Clay	33	150	Sand/Lignite Streaks	1100	1255
Sandy Clay	150	170	Hard Clay/Lime Streaks	1255	1443
Rock	170	173	Hard & Fine Sand Strks	1443	1515
Lime & Rock Streaks	173	195	Sand/Clay/Lignite Strks	1515	1568
Clay	195	312	Hard Clay/Sand Streaks	1568	1595
Hard Lime	312	315	Sandy Clay & Lignite	1595	1630
Clay & Sand Streaks	315	520	Hard Clay	1630	1645
Clay	520	800	(See Back)		
Sandy Clay	800	1050	IF MORE SPACE IS NEEDED, USE BACK		

If well telescopes please sketch and show depths.

GROUND LEVEL

SECTION _____

Please indicate well location X.

ADDITIONAL INFORMATION

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

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

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR-
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME (S): RLB-DC DATE: Sept 5, 2007

UNIT DEQ #: _____ FILE #: _____

HEALTH DEPT. #: 25 0020-04 ELEVATION: _____

USGS #: L074 OLWR #: MS-GW-15211

OWNER: Raymond, City of QUAD: Raymond

LOCATION: NW, SW S 21 T 21 R 2W COUNTY Hinds

LOCATION DESCRIPTION: _____

CASING DIA: 12" PUMP TYPE & SIZE: Turbine

GPS FIELD LOCATION: LAT. 32.26133 LONG. -90.41532

GPS CORRECTED LOCATION: LAT. 32.26133 LONG. -90.41532

REMARKS: gps @ well

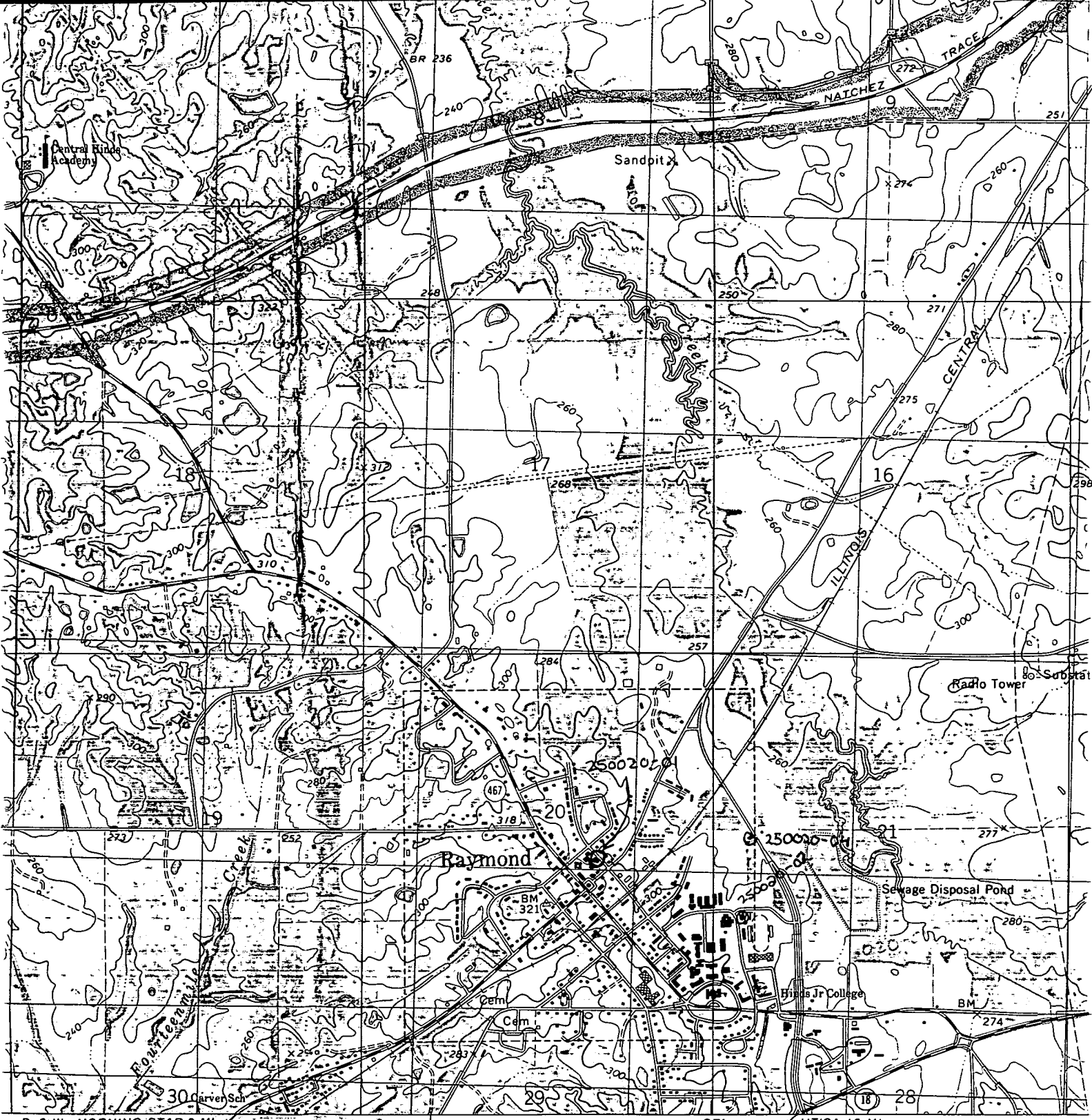
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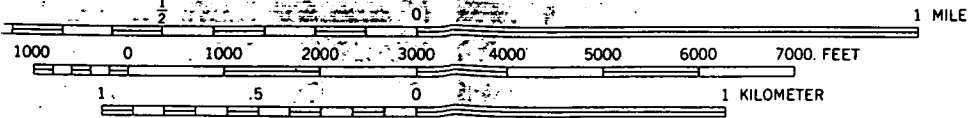


L74. Raymond, Town of. 250020-04. Hinds Co. 10-2001



R 2 W MORNING STAR 9 MI. (TERRY NW) 2948 III NW 742 743 25 745 UTICA 16 MI. 47 MI. TO U.S. 61

SCALE 1:24,000



CONTOUR INTERVAL 20 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929



QUADRANGLE LOCATION

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092 A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



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