

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: Marshall

WELL NUMBER: 5-150 CODED

DATE WELL COMPLETED: 12-29-02

PERMIT NUMBER: 0-162

NAME OF DRILLING FIRM: Larry Carpenter Well Co

NAME & MAILING ADDRESS OF LANDOWNER: Southern Homes
420 East Van Dorn Ave
Holly Springs, MS

Latitude:
Longitude:

WELL LOCATION: SEC 30 TOWNSHIP 3 RANGE 4

DISTANCE 1 Miles DIRECTION East of NEAREST TOWN Watson

OTHER LANDMARK

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

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 3/4

| DESCRIPTION OF FORMATIONS ENCOUNTERED | FROM | TO |
|---------------------------------------|------|-----|
| Surface Soil | 0 | 25 |
| med red sand | 25 | 40 |
| med white sand | 40 | 60 |
| White Clay | 60 | 85 |
| Fine white sand | 85 | 120 |
| Coarse white sand | 120 | 150 |

WELL DATA

Well Depth: 150 Casing Diameter (In.): 4 Casing Length (Ft.): 140

Type of Casing: PVC Hole Depth: 150 Depth to Static Water Level: 110

TYPE OF COMPLETION: (Circle One or More): Gravel Packed, Underreamed, Telescoped, Natural Development, Open Hole, Other (Describe)

WELL GROUTED TO A DEPTH OF 10 FEET
 Type Grout (circle one): Cement, Bentonite, or Mix

SCREEN DATA

Diameter - Inches: 4 Length - Feet: 10 Slot Size - Inches: .013

Screen Type: PVC Depth to Bottom - Feet: 150

RECEIVED

FEB 18 2003

BY: OLWR

Top of Lap Pipe or Reduction in Casing

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

I certify that the well was drilled, constructed and completed in accordance with all applicable Requirements of the Mississippi Department of Environmental Quality and/or the Mississippi Department of Health regulations and state laws.

Larry Carpenter 0-162
 Signature of Licensed Driller and License No.

2-10-03
 Date

If well telescopes please sketch and show depths.

GROUND LEVEL

| | | | |
|---|--|--|--|
| | | | |
| | | | |
| x | | | |
| | | | |

SECTION 30

Please indicate well location X.

| | | |
|--|----------------------------|---------------------------------|
| Pump Capacity (GPM) <u>12</u> | No. of Stages <u>11</u> | Setting Depth <u>130</u> FT. |
| PUMP TEST | | |
| Well yielded <u>25</u> GPM with a drawdown of <u>6</u> ft. after <u>2</u> hours of pumping | | |

LOG DATA

TYPE OF LOG RUN (Circle One): No Log Run
 Electric, Gamma Ray, Density, Sonic, Neutron,
 Other (Describe) _____

Name of Organization Running Log _____

GEOLOGIC DATA (Office Use Only)

| | | | |
|---------------|---------------|----------------|--------------|
| Surface Elev. | Geologic Unit | Unit Thickness | Depth to Top |
| Subs. SWL | Date | Analysis | Aquifer Test |

Driller's Remarks

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