

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
Simpson

WELL NUMBER 0-79 CODED

DATE WELL COMPLETED
11-18-02

PERMIT NUMBER

NAME OF DRILLING FIRM
Water Well Drilling + Service

NAME & MAILING ADDRESS OF LANDOWNER
Brad Roe
154 Allison Dr.
Florence, MS. 39073

Latitude: N 32° 04.298'
Longitude: W 90° 01.980'

WELL LOCATION. SEC 6 TOWNSHIP 2 RANGE 3 N E
S W

DISTANCE 4 MILES DIRECTION SE of NEAREST TOWN Star

OTHER LANDMARK
East of lake

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 _____

| DESCRIPTION OF FORMATIONS ENCOUNTERED | FROM | TO |
|---------------------------------------|------|-----|
| Top Soil | 0 | 3 |
| Red Clay | 3 | 10 |
| Clay | 10 | 20 |
| Sand | 20 | 38 |
| Rock | 38 | 40 |
| Clay | 40 | 51 |
| Rock | 51 | 53 |
| Blue clay | 53 | 96 |
| Rock | 96 | 98 |
| Blue clay + shale | 98 | 225 |
| Rock | 225 | 229 |
| Clay | 229 | 294 |
| Sand + clay streaks | 294 | 341 |
| Clay | 341 | 345 |

RECEIVED

DEC 19 2002

BY: OLWR

Top of Lap Pipe or Reduction in Casing

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

WELL DATA

| | | |
|------------------------------|------------------------------------|--|
| Well Depth <u>340'</u> | Casing Diameter (In.) <u>4"</u> | Casing Length (Ft.) <u>320'</u> |
| Type of Casing <u>PVC</u> | Hole Depth <u>345'</u> | Depth to Static Water Level <u>258'</u> |

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

WELL GROUTED TO A DEPTH OF 50 FEET
Type Grout (circle one): Cement, Bentonite, or Mix

SCREEN DATA

| | | |
|--------------------------------|---------------------------------------|----------------------------------|
| Diameter - Inches <u>4"</u> | Length - Feet <u>20'</u> | Slot Size - Inches <u>.10</u> |
| Screen Type <u>PVC</u> | Depth to Bottom - Feet <u>340'</u> | |

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.

Deryn McArthur 0681
Signature of Licensed Driller and License No.

12-05-02
Date

Additional Information Required On Back

If well telescopes please sketch and show depths.

GROUND LEVEL

| | | | |
|--|--|---|--|
| | | | |
| | | X | |
| | | | |
| | | | |

SECTION 6

Please indicate well location X.

| | | | |
|---------------------|---------------|---------------|-----|
| Pump Capacity (GPM) | No. of Stages | Setting Depth | |
| <u>20</u> | <u>10</u> | <u>300</u> | FT. |

PUMP TEST

Well yielded 17 GPM with
 a drawdown of 3 ft.
 after 6 hours of pumping

LOG DATA

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

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.