

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 <u>DESOZO</u> | | PERMIT NUMBER |
| WELL NUMBER <u>206</u> | CODED | NAME OF DRILLING FIRM <u>SMITH WELL DRILLING SERV.</u> |
| K-2100 | | |
| DATE WELL COMPLETED <u>7-9-01</u> | | |

NAME & MAILING ADDRESS OF LANDOWNER
MARIE SPAGGS
3885 FERGUSON RD
HERNANDO, MS. 38632

WELL LOCATION SEC 11 TOWNSHIP 30 RANGE 128

DISTANCE 8.0 MILES DIRECTION S/W of NEAREST TOWN HERNANDO

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 1/2

| | | |
|----------------------------------|----------------------------|--------------------------------|
| Pump Capacity (GPM) <u>20</u> | No. of Stages <u>14</u> | Setting Depth <u>80</u> FT. |
|----------------------------------|----------------------------|--------------------------------|

PUMP TEST
Well yielded 35 GPM with a drawdown of 5 ft. after 1 hours of pumping

WELL DATA

| | | |
|------------------------------|------------------------------------|--|
| Well Depth <u>170</u> | Casing Diameter (In.) <u>4"</u> | Casing Length (Ft.) <u>150</u> |
| Type of Casing <u>PVC</u> | Hole Depth <u>170</u> | Depth to Static Water Level <u>50</u> |

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

WELL GROUTED TO A DEPTH OF 10 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

SCREEN DATA

| | | |
|--------------------------------|--------------------------------------|--|
| Diameter - Inches <u>4"</u> | Length - Feet <u>20</u> | Slot Size - Inches <u>14 TG1005</u> |
| Screen Type <u>PVC</u> | Depth to Bottom - Feet <u>170</u> | |

GEOLOGIC DATA (Office Use Only)

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

Driller's Remarks
RECD DEC 31 2001

Top of Lap Pipe or Reduction in Casing
FEET IF TELESKOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

| DESCRIPTION OF FORMATIONS ENCOUNTERED | FROM TO | | FORMATIONS (Continued) | FROM TO | |
|---------------------------------------|------------|------------|------------------------|---------|--|
| | | | | | |
| <u>TOP SOIL</u> | <u>0</u> | <u>20</u> | | | |
| <u>RED SAND + GRASS</u> | <u>20</u> | <u>40</u> | | | |
| <u>WHITE CLAY + SAND</u> | <u>40</u> | <u>100</u> | | | |
| <u>WHITE SAND</u> | <u>100</u> | <u>170</u> | | | |
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IF MORE SPACE IS NEEDED, USE BACK