

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
Marion

WELL NUMBER P-2041 CODED

DATE WELL COMPLETED
7-13-00

PERMIT NUMBER
0-621

NAME OF DRILLING FIRM
Daniel Boone

NAME & MAILING ADDRESS OF LANDOWNER
Jamie Breakfield
888 Pinehurst Rd.
Columbia MS

WELL LOCATION: SEC 12 TOWNSHIP 2 RANGE 17
N S E W

DISTANCE 13 Miles DIRECTION SE of NEAREST TOWN Columbia

OTHER LANDMARK

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 1/2

Pump Capacity (GPM) 28 No. of Stages 110 Setting Depth 110 FT.

PUMP TEST

Well yielded 35 GPM with
a drawdown of 60 ft.
after 8 hours of pumping.

WELL DATA

| | | |
|------------------------------|------------------------------------|---|
| Well Depth <u>175</u> | Casing Diameter (In.) <u>4"</u> | Casing Length (Ft.) <u>145'</u> |
| Type of Casing <u>PVC</u> | Hole Depth <u>175</u> | Depth to Static Water Level <u>58'</u> |

LOG DATA

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

Name of Organization Running Log

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

GEOLOGIC DATA (Office Use Only)

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

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

SCREEN DATA

| | | |
|-----------------------------------|-------------------------------------|-----------------------------------|
| Diameter - Inches <u>4"</u> | Length - Feet <u>30'</u> | Slot Size - Inches <u>.008</u> |
| Screen Type <u>PVC Sch. 40</u> | Depth to Bottom - Feet <u>1'</u> | |

Driller's Remarks

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 |
|---------------------------------------|------------|------------|
| <u>Clay</u> | <u>0</u> | <u>16</u> |
| <u>Pea Gravel</u> | <u>16</u> | <u>21</u> |
| <u>CLAY</u> | <u>21</u> | <u>120</u> |
| <u>Sand</u> | <u>120</u> | <u>175</u> |
| | | |
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| | | |
| | | |
| | | |
| | | |

FORMATIONS ENCOUNTERED FROM TO

15 175

AUG 07 2000

Dept. of Environmental Quality
Office of Land & Water Resources

IF MORE SPACE IS NEEDED, USE BACK

