

**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  
Jeff Davis

WELL NUMBER CODED  
D 2012

DATE WELL COMPLETED  
2-22-00

PERMIT NUMBER

NAME OF DRILLING FIRM  
Thompson Brothers

NAME & MAILING ADDRESS OF LANDOWNER  
Jewel Hartzog

**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 5

Pump Capacity (GPM) No. of Stages Setting Depth  
55 \_\_\_\_\_ 100 FT.

PUMP TEST  
Well yielded 100 ± GPM with  
a drawdown of 10 ft.  
after air lift hours of pumping

WELL LOCATION SEC TOWNSHIP RANGE  
5 8 N 19 W

DISTANCE DIRECTION NEAREST TOWN  
6 Miles NW of PRENTISS

OTHER LANDMARK

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

**WELL DATA**

Well Depth Casing Diameter (In.) Casing Length (Ft.)  
229 4 209

Type of Casing Hole Depth Depth to Static Water Level  
PVC 229 70

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

**LOG DATA**

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

Name of Organization Running Log \_\_\_\_\_

**SCREEN DATA**

Diameter - Inches Length - Feet Slot Size - Inches  
4 20 .010

Screen Type Depth to Bottom - Feet  
PVC Slot 229

**GEOLOGIC DATA (Office Use Only)**

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

Driller's Remarks  
excellent sand  
between two hard rocks

| DESCRIPTION OF FORMATIONS ENCOUNTERED | FROM | TO  | FORMATIONS (Continued) | FROM | TO  |
|---------------------------------------|------|-----|------------------------|------|-----|
| red dirt                              | 0    | 5   | rock                   | 156  | 157 |
| sand + pea gravel                     | 5    | 15  | sand + clay            | 157  | 170 |
| clay                                  | 15   | 20  | coarse sand            | 170  | 229 |
| sand                                  | 20   | 30  | rock                   | 229  | 231 |
| clay                                  | 30   | 55  |                        |      |     |
| sand                                  | 55   | 75  |                        |      |     |
| iron rock                             | 75   | 82  |                        |      |     |
| clay                                  | 82   | 97  |                        |      |     |
| sand + gravel                         | 97   | 100 |                        |      |     |
| clay + gravel                         | 100  | 110 |                        |      |     |
| clay                                  | 110  | 156 |                        |      |     |

IF MORE SPACE IS NEEDED, USE BACK