

**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:  
**TATE**

WELL NUMBER: **315**      CODED

**G-2161**

DATE WELL COMPLETED:  
**1-11-02**

PERMIT NUMBER

NAME OF DRILLING FIRM:  
**Smith Well Drilling & Serv.**

NAME & MAILING ADDRESS OF LANDOWNER:  
**CYNTHIA SYHTES**  
**Calicut rd**  
**Senatobia, MS.**

WELL LOCATION:      SEC      TOWNSHIP      RANGE  
**H-25 T-5 R-7**

DISTANCE      DIRECTION      NEAREST TOWN  
**6** Miles **E** of **Senatobia**

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 **34**

Pump Capacity (GPM)      No. of Stages      Setting Depth  
**12**      **90**      **60** FT.

PUMP TEST

Well yielded **15** GPM with  
a drawdown of **3** ft.  
after **1** hours of pumping

**WELL DATA**

Well Depth      Casing Diameter (In.)      Casing Length (Ft.)  
**137**      **4"**      **127**

Type of Casing      Hole Depth      Depth to Static Water Level  
**PVC**      **137**      **40**

**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) **Washed Sand**

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

**GEOLOGIC DATA (Office Use Only)**

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

**SCREEN DATA**

Diameter - Inches      Length - Feet      Slot Size - Inches  
**4"**      **10**      **14 TAPS**

Screen Type      Depth to Bottom - Feet  
**PVC**      **137**

Driller's Remarks

Top of Lap Pipe or Reduction in Casing

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

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
<b>TOP SOIL</b>	<b>0</b>	<b>20</b>
<b>WHITE CLAY</b>	<b>20</b>	<b>40</b>
<b>GRAVEL</b>	<b>40</b>	<b>50</b>
<b>BUTTE SAND + CLAY</b>	<b>50</b>	<b>120</b>
<b>WHITE SAND</b>	<b>120</b>	<b>137</b>

FORMATIONS (Continued)

	FROM	TO
<b>RECEIVED</b>		
<b>AUG 22 2002</b>		
<b>BY: OLWR</b>		

IF MORE SPACE IS NEEDED, USE BACK

If well telescopes please  
sketch and show depths.

GROUND LEVEL

		X	

SECTION H-25

Please indicate well location X.

ADDITIONAL INFORMATION

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