

**MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES**  
Bureau of Land and Water Resources

P.O. Box 10631  
Jackson, Mississippi 39209  
**WATER WELL DRILLERS LOG**

COUNTY WELL LOCATED: **BARRENE**

WELL NUMBER: **PRISON WELL** CODED: **L 24**

DATE WELL COMPLETED: **JULY 1989**

PERMIT NUMBER: **14510**

NAME OF DRILLING FIRM: **HARNER DRILLING SERVICE**

ADDRESS: **COLUMBIA, MS. 39229**

NAME & MAILING ADDRESS OF LANDOWNER: **TOWN OF LEAKESVILLE**

WELL LOCATION: **LEAKESVILLE, MS.**

SEC: **33** TOWNSHIP: **3** RANGE: **N**

DISTANCE: **6** MILES DIRECTION: **SW** NEAREST TOWN: **W**

OTHER LANDMARK: \_\_\_\_\_

WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc.  
**PRISON WELL - TOWN**

**PUMP DATA**

PUMP TYPE (Circle One):  
Submersible, Turbine, Jet, Flowing Well, Other (Describe) \_\_\_\_\_

POWER TYPE (Circle One):  
Electric, Tractor, Diesel, Gasoline, Butane, Other (Describe) \_\_\_\_\_

Pump Capacity (GPM): **360** No. of Stages: **10** Setting Depth: **250** FT.

PUMP TEST

Well yielded **360** GPM with a drawdown of **79.16** ft. after **24** hours of pumping.

**WELL DATA**

Well Depth: **680** ft. Casing Diameter (In.): **10 3/4** Casing Length (Ft.): **597**

Type of Casing: **steel** Hole Depth: **1010** ft. Depth to Static Water Level: **136.82**

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

Top of Lap Pipe or Reduction in Casing: **535** FEET

IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

**LOG DATA**

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

Name of Organization Running Log: **V.D. & LOGGINS SERVICE**

**SCREEN DATA**

Diameter - Inches: **6** Length - Feet: **55** Slot Size - Inches: **1.016**

Screen Type: **WIRE WOUND** Depth to Bottom - Feet: **680**

**GEOLOGIC DATA (Office Use Only)**

Surface Elev. <b>241</b>	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test

Driller's Remarks

**Screamed - 606-631 & 600-680 ft.**

**Blank pipe - 631-650**

**Originally filed 7/89 to 6/90.**

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
<b>TOP SOIL</b>	<b>0</b>	<b>3</b>	<b>CLAY</b>		
<b>SAND &amp; CLAY streaks</b>	<b>3</b>	<b>90</b>	<b>SAND, Fine</b>	<b>628</b>	<b>658</b>
<b>CLAY</b>	<b>90</b>	<b>120</b>	<b>SAND &amp; CLAY STREAKS</b>	<b>650</b>	<b>680</b>
<b>SAND</b>	<b>120</b>	<b>147</b>	<b>CLAY</b>	<b>680</b>	<b>690</b>
<b>CLAY</b>	<b>147</b>	<b>174</b>	<b>SAND</b>	<b>690</b>	<b>820</b>
<b>SAND &amp; CLAY STREAKS</b>	<b>174</b>	<b>238</b>	<b>CLAY &amp; SAND STREAKS</b>	<b>820</b>	<b>840</b>
<b>CLAY</b>	<b>238</b>	<b>273</b>		<b>840</b>	<b>1002</b>
<b>SAND &amp; CLAY STREAKS</b>	<b>273</b>	<b>534</b>			
<b>SAND</b>	<b>534</b>	<b>546</b>			
<b>CLAY</b>	<b>546</b>	<b>602</b>			
<b>SAND, Fine</b>	<b>602</b>	<b>698</b>			

**RECEIVED**

MAR 06 1995