

**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**  
DESOTO

WELL NUMBER 107 CODED

M-84 2170

DATE WELL COMPLETED 8-15-00

PERMIT NUMBER

NAME OF DRILLING FIRM  
SMITH WELL DRILLING & SERVO.

NAME & MAILING ADDRESS OF LANDOWNER  
HAWKS INVESTMENT  
HONEY RIDGE SUB  
LOT 11

WELL LOCATION SEC P-35 TOWNSHIP T-3 RANGE R-6

DISTANCE 4 MILES DIRECTION S NEAREST TOWN COCHRAN

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) 12 No of Stages 10 Setting Depth 140 FT.

PUMP TEST  
Well yielded 12 GPM with a drawdown of 3 ft. after 1 hours of pumping

**WELL DATA**

Well Depth 158 Casing Diameter (in) 4" Casing Length (ft) 148'

Type of Casing PVC Hole Depth 158 Depth to Static Water Level 130

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 4" Length - Feet 10' Slot Size - inches 14 THOUS

Screen Type PVC Depth to Bottom - Feet 158

**GEOLOGIC DATA (Office Use Only)**

Surface Elev	Drill Pipe	Annular Space	Depth to Top
<u>RECEIVED</u>	<u>RECEIVED</u>	<u>RECEIVED</u>	
Subs	Annular	Annular	Aquifer Test

Driller's Remarks  
JAN 05 2001

Top of Cap Pipe or Reduction in Casing  
Office of Land & Water Resources  
FEET IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
<u>BROWN CLAY</u>	<u>0</u>	<u>30</u>	<u>WHITE SAND</u>	<u>140</u>	<u>158</u>
<u>RED SAND &amp; GRAVEL</u>	<u>30</u>	<u>60</u>			
<u>WHITE CLAY</u>	<u>60</u>	<u>100</u>			
<u>WHITE SAND &amp; CLAY</u>	<u>100</u>	<u>140</u>			

IF MORE SPACE IS NEEDED, USE BACK