

22-4347

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 <b>Humphreys</b>	PERMIT NUMBER <b>12116</b>
WELL NUMBER <b>896</b>	NAME OF DRILLING FIRM <b>Layne-Central Co.</b>
DATE WELL COMPLETED <b>10-13-89</b>	

NAME & MAILING ADDRESS OF LANDOWNER  
**Town of ISOLA**

**P.O. Box 194**

**ISOLA, MS 38754**

WELL LOCATION: SEC **3** TOWNSHIP **16** RANGE **4** **N** **W**

DISTANCE **1** Miles DIRECTION **NW** of NEAREST TOWN **ISOLA**

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

Pump Capacity (GPM)	No. of Stages	Setting Depth
<b>752</b>	<b>6</b>	<b>140 FT.</b>

PUMP TEST

Well yielded **752** GPM with  
a drawdown of **49' 7"** ft.  
after **24** hours of pumping

WELL DATA

Well Depth <b>875'</b>	Casing Diameter (In.) <b>16</b>	Casing Length (Ft.) <b>820</b>
Type of Casing <b>st st</b>	Hole Depth <b>905'</b>	Depth to Static Water Level <b>38'</b>

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

Top of Lap Pipe or Reduction in Casing  
**758 FEET** IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

LOG DATA

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

Name of Organization Running Log  
**Layne-Central Co.**

GEOLOGIC DATA (Office Use Only)

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

Driller's Remarks **APR 12, 1990**

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SCREEN DATA

Diameter - Inches <b>10</b>	Length - Feet <b>50</b>	Slot Size - Inches <b>.020</b>
Screen Type <b>st. steel</b>	Depth to Bottom - Feet <b>4' 9"</b>	

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
CLAY	0	17	CLAY	449	463
Sand	17	49	Sand + Clay STREAKS	463	528
Large Sand	49	75	CLAY	528	550
Large Sand + Pea Gravel	75	100	Sand + Clay STREAKS	550	588
GRAVEL	100	153	Sand	588	617
y	153	155	CLAY	617	820
d	155	176	Sand	820	879
y CLAY	176	267	CLAY	879	905
t	267	382			
	382	401			
CLAY STREAKS	401	449			

IF MORE SPACE IS NEEDED, USE BACK