

*Benton*  
 COUNTY WELL LOCATED  
 WELL NUMBER *16 of 2016*  
 1997 year  
 DATE WELL COMPLETED *5-21-97*

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY  
 Office of Land and Water Resources

P. O. Box 10631  
 Jackson, MS 39289-0631  
 WATER WELL DRILLERS LOG

PERMIT NUMBER  
 NAME OF DRILLING FIRM *Medlin Well*

NAME & MAILING ADDRESS OF LANDOWNER  
*Carl Graves*  
*Hwy 2*  
*Hickory Flat MS 38633*  
 WELL LOCATION: SEC *21* TOWNSHIP *5* RANGE *2*  
 DISTANCE *5 1/2* MILES DIRECTION *E* NEAREST TOWN *Hickory Flat*  
 OTHER LANDMARK *Flat Rock Church*  
 WELL PURPOSE *Irrigation*

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 1*  
 Pump Capacity (GPM) *14* No. of Stages *14* Setting Depth *200'* FT.  
 PUMP TEST  
 Well yielded *14* GPM with a drawdown of *6* ft. after *5* hours of pumping

WELL DATA  
 Well Depth *680* Casing Diameter (In.) *4"* Casing Length (Ft.) *480*  
 Type of Casing *P.V.C* Hole Depth *480* Depth to Static Water Level *160'*  
 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):  No Log Run,  Electric,  Gamma Ray,  Density,  Sonic,  Neutron, Other (Describe)  
 Name of Organization Running Log

SCREEN DATA  
 Diameter - Inches *2"* Length - Feet *60* Slot Size - Inches *0013*  
 Screen Type *PVC* Depth to Bottom, Feet *620, 680*

GEOLOGIC DATA (Office Use Only)  
 Surface Elev. Geologic Unit Unit Thickness Depth to Top  
 Subs. Soil Aquifer Test  
 Driller's Remarks  
 DEC 11 1997  
 Top of Lap Pipe or Reduction in Casing  
 IF TELESOPED OR MORE THAN 10 FEET IN LENGTH, USE BACK PAGE

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
<i>top soil, sand-stone, white clay</i>			<i>Soft blue clay</i>	<i>400</i>	<i>580</i>
<i>limestone, clay, shell rock</i>	<i>0-240</i>		<i>limestone</i>	<i>580</i>	<i>680</i>
			<i>aquifer</i>		

**RECEIVED**

IF MORE SPACE IS NEEDED, USE BACK