

22-4814

# MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES

Bureau of Land and Water Resources

COUNTY WELL LOCATED  
**Sunflower**

WELL NUMBER **E** CODED

DATE WELL COMPLETED  
**2004**  
**3-19-91**

PERMIT NUMBER

NAME OF DRILLING FIRM  
**Layne - Central**  
**Cleveland, MS**

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

NAME & MAILING ADDRESS OF LANDOWNER  
**T. E. Pemble FARMS**  
**P.O. Box 428**  
**Merigold, MS 38759**

WELL LOCATION: SEC **6** TOWNSHIP **22** RANGE **4**  
**N S E W**

DISTANCE **10** Miles **West** of **Drew**

OTHER LANDMARK  
**South of Drew-Merigold Rd.**  
**EAST of Sunflower River**

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 20**

Pump Capacity (GPM) **1000** No. of Stages **1** Setting Depth **60** FT.

PUMP TEST  
Well yielded **Not Tested** GPM with  
a drawdown of \_\_\_\_\_ ft.  
after \_\_\_\_\_ hours of pumping

WELL DATA

Well Depth <b>104' 11"</b>	Casing Diameter (In.) <b>10</b>	Casing Length (Ft.) <b>64' 11"</b>
Type of Casing <b>Steel</b>	Hole Depth <b>114'</b>	Depth to Static Water Level <b>34' 9"</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  
**N/A** FEET IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

LOG DATA

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

Name of Organization Running Log

SCREEN DATA

Diameter - Inches <b>10</b>	Length - Feet <b>40</b>	Slot Size - Inches <b>.050</b>
Screen Type <b>ST. Steel</b>	Depth to Bottom - Feet <b>_____</b>	

GEOLOGIC DATA (Office Use Only)

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

Driller's Remarks

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
<b>CLAY</b>	<b>0</b>	<b>22</b>
<b>Sandy Clay</b>	<b>22</b>	<b>32</b>
<b>Fine Sand</b>	<b>32</b>	<b>42</b>
<b>Med. Sand</b>	<b>42</b>	<b>62</b>
<b>Coarse Sand</b>	<b>62</b>	<b>72</b>
<b>Coarse Sand + pea gravel</b>	<b>72</b>	<b>82</b>
<b>Coarse Sand &amp; gravel</b>	<b>82</b>	<b>92</b>
<b>Coarse Sand &amp; gravel</b>	<b>92</b>	<b>98</b>
<b>CLAY</b>	<b>98</b>	<b>112</b>

FORMATIONS (Continued)

FROM	TO

IF MORE SPACE IS NEEDED, USE BACK

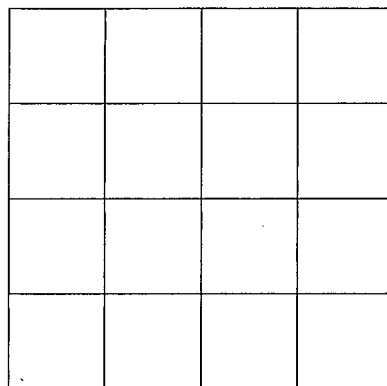
**RECEIVED**

**APR 08 1991**

Dept. of Environmental  
Bureau of Land & Water  
Quality Resources

If well telescopes please  
sketch and show depths.

GROUND LEVEL



SECTION \_\_\_\_\_

Please indicate well location X.

ADDITIONAL INFORMATION

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