

22-8259

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Office of Land and Water Resources

COUNTY WELL LOCATED  
**Montgomery**

WELL NUMBER **C-8** CODED

DATE WELL COMPLETED  
**9/20/2000**

PERMIT NUMBER **6W15798**

NAME OF DRILLING FIRM  
**Layne-Central, a div. of**  
**Layne Christensen Co.**

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

NAME & MAILING ADDRESS OF LANDOWNER  
**Eskridge Rose Hill Water Assn.**  
**c/o P.O. Box 635**  
**Grenada, MS 38902-0635**

WELL LOCATION SEC 24 TOWNSHIP 20 N RANGE 5 E

DISTANCE 1 1/2 Miles DIRECTION West of NEAREST TOWN Eskridge

OTHER LANDMARK

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

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 30

Pump Capacity (GPM) 150 No. of Stages 15 Setting Depth 429 FT.

PUMP TEST

Well yielded 150 GPM with a drawdown of 131 ft. after 4 hours of pumping

WELL DATA

Well Depth <b>784'</b>	Casing Diameter (In.) <b>10"</b>	Casing Length (Ft.) <b>690'</b>
Type of Casing <b>Steel</b>	Hole Depth <b>950'</b>	Depth to Static Water Level <b>268'</b>

LOG DATA

TYPE OF LOG RUN (Circle One):  
 Electric, Gamma Ray, Density, Sonic, Neutron, Other (Describe) \_\_\_\_\_

Name of Organization Running Log  
**Layne Geophysical Service**

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

WELL GROUDED TO A DEPTH OF 690 FEET  
 Type Grout (circle one)  Cement, Bentonite, or Mix

GEOLOGIC DATA (Office Use Only)

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

SCREEN DATA

Diameter - Inches <b>6"</b>	Length - Feet <b>85'</b>	Slot Size - Inches <b>.020</b>
Screen Type <b>Stainless Steel</b>	Depth to Bottom - Feet <b>784'</b>	

Driller's Remarks

SWL 219'

N33° 34.582' W089° 43.577'

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

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Clay & Pea Gravel	0	37	Coarse Sand, Clay, Shale	306	335
Pea Gravel & Sand	37	63	Clay, Shale	335	394
Pea Gravel & Sand	63	97	Clay, Sand Streaks	394	424
Sand & Clay	97	156	Clay	424	455
Sand, Clay & Shale	156	186	Clay & Fine Sand	455	517
Coarse Sand & Clay Strks			Clay, Fine Sand, Lignite	517	607
with Lignite	186	217	Clay, Shale, Rock	607	638
Coarse Sand, Clay Strsk	217	247	Clay, Shale	638	668
Coarse Sand & Clay Strks			Clay, Lignite, Fine Sand,		
with Lignite	247	276	and Rock	668	699
Coarse Sand, Clay & Shale	276	306			

IF MORE SPACE IS NEEDED, USE BACK

If well telescopes please sketch and show depths.

GROUND LEVEL


SECTION \_\_\_\_\_

Please indicate well location X.

**ADDITIONAL INFORMATION**

Hard Clay, Fine Sand		
and Rock	699	730
Clay, Lignite	730	761
Clay, Fine Sand	761	790
Clay, Lignite	790	820
Clay, Lignite, Fine Sand	820	881
Clay, Rock, Fine Sand	881	911
Clay, Rock, Lignite	911	942
Clay, Lignite, Shale	942	950

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