

AP 8/07

**MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Office of Land and Water Resources**

COUNTY WELL LOCATED  
**Coahoma**

WELL NUMBER 7137 CODED

KC087

DATE WELL COMPLETED  
6-10-1999

PERMIT NUMBER  
**MSGW-15321**

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  
**Clarksdale Public Utilities**

**PO Box 70**

**Clarksdale, MS 38614**

WELL LOCATION SEC 18 TOWNSHIP 27 RANGE N 3 W

DISTANCE NE Part of Town in Clarksdale MILES DIRECTION NE NEAREST TOWN Clarksdale

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) 100 H/P

Pump Capacity (GPM) 1022 No. of Stages 5 Setting Depth 140 FT.

PUMP TEST  
 Well yielded 1022 GPM with  
 a drawdown of 37 ft.  
 after 24 hours of pumping

**WELL DATA**

Well Depth <u>1299'</u>	Casing Diameter (in) <u>16"</u>	Casing Length (Ft) <u>1160'</u>
Type of Casing <u>steel</u>	Hole Depth <u>1299'</u>	Depth to Static Water Level <u>38'</u>

**LOG DATA**

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

Name of Organization Running Log

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

WELL GROUTED TO A DEPTH OF 1160 FEET  
 Type Grout (circle one): Cement, Bentonite, or Mix

**GEOLOGIC DATA (Office Use Only)**

Surface Elev	Geologic	Depth to Top
Subs SWL	Date	Analysis

**SCREEN DATA**

Diameter - Inches <u>10"</u>	Length - Feet <u>130'</u>	Slot Size - Inches <u>.035</u>
Screen Type <u>Stainless Steel</u>	Depth to Bottom - Feet <u>1299'</u>	

Driller's Remarks

APR 26 2000

Dept. of Environmental Quality  
 Office of Land and Water Resources

Top of Lap Pipe of 1022 FEET

IF TELESCOPED MORE THAN ONE SCREEN: USE BACK LOG

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Clay	0	27	Sand w/clay & shale stk	590	670
Sand	27	83	Clay	670	685
Sand & Lignite w/Pea			Sand w/clay & shale stk	685	730
Gravel Streaks	83	102	Clay	730	780
Sand & Gravel	102	155	Sand w/clay & shale stk	780	805
Sandy Shale	155	295	Clay w/sandy shale &		
Clay w/Shale & Lignite	295	340	sand streaks	805	945
Sandy Shale	340	471	Sand w/clay & shale stk	945	1000
Clay	471	510	Clay	1000	1095
Clay w/Shale Streaks	510	540	Sand w/clay & shale stk	1095	1128
Clay	540	590			

IF MORE SPACE IS NEEDED, USE BACK

K 87

If well telescopes please sketch and show depths.

GROUND LEVEL


SECTION \_\_\_\_\_

Please indicate well location X.

ADDITIONAL INFORMATION

Sandy Clay w/Lignite streaks	1128	1138
Sand & Shale	1138	1148
Sand	1148	1298
Clay	1298	1322

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