MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
Office of Land and Water Resources

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

COUNTY WELL LOCATED	Copiah
WELL NUMBER	7
CODED	
	E-70
DATE WELL COMPLETED	11/14/86
PERMIT NUMBER	AW 7118
NAME OF DRILLING FIRM	Layne-Central
	Jackson, MS

NAME & MAILING ADDRESS OF LANDOWNER	City of Crystal Springs
	PO Box 151
	Crystal Springs, MS 39059
WELL LOCATION / SEC / TOWNSHIP / RANGE	NE/4 NE/4 / 31 / 2N / 1W
DISTANCE / DIRECTION / NEAREST TOWN	-- Miles -- of Crystal Springs
OTHER LANDMARK	Harmony Road
WELL PURPOSE Home, Irrigation, Municipal, Industrial, Fish Pond, etc	Municipal

PUMP DATA

PUMP TYPE: Submersible [ ] Turbine [X] Jet Flowing Well [ ]
Other (Describe)
POWER TYPE: Electric [X] Tractor [ ] Diesel [ ] Gasoline [ ] Butane [ ]
Other (Describe) H/P 20

Pump Capacity (GPM)	No. Of Stages	Setting Depth
250	6	101 FT.

PUMP TEST
Well yielded 192 GPM with
a drawdown of 8 ft.
after 6 hours of pumping

WELL DATA

Well Depth	Casing Diameter (in.)	Casing Length (Ft.)
119'	16"	68'
Type of Casing	**Hole Depth**	**Depth of Static Water Level**
Steel	119'	64'

TYPE OF COMPLETION: Gravel Packed [X] Underreamed [X] Telescoped [ ] Open Hole [ ] Natural Development [ ] Other (Describe)

WELL GROUTED TO A DEPTH OF 68' FEET
TYPE GROUT: Cement [X] Bentonite [ ] Mix [ ]

LOG DATA

TYPE OF LOG RUN: No Log Run [ ] Electric [X] Gamma Ray [X] Density [ ] Sonic [ ] Neutron [ ]
Other (Describe)
Name of Organization Running Log: Layne-Central

GEOLOGIC DATA (Office Use Only)

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

SCREEN DATA

Diameter - Inches	Length - Feet	Slot Size - Inches
10"	20.3'	0.020"
Screen Type	**Depth to Bottom - Feet**	
Stainless Steel	15'	

Driller's Remarks: 15'10" SS Pump Pit Below Screen

Top of Lap Pipe or Reduction in Casing: 68 FEET

IF TELESCOPED OR MORE THAN ONE SCREEN, USE BACK PAGE.

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
Top Soil	0	1
Sandy Red Clay	1	13
Red Sand & Pea Gravel	13	30
Sandy Red Clay	30	36
Red Clay	36	42
Gravel	42	52
Sand & Pea Gravel	52	110
White & Yellow Clay	110	116
	116	
	0	
	0	
	0	
	0	
	0	

FORMATIONS (Continued)	FROM	TO
	0	
	0	
	0	
	0	
	0	
	0	
	0	
	0	
	0	
	0	
	0	
	0	
	0	
	0	
IF MORE SPACE IS NEEDED, USE BACK		

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Office of Land & Water Resources