

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY  
Bureau of Land and Water Resources

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

COUNTY WELL LOCATED  
**SUNFLOWER**

WELL NUMBER **I-793** ✓

CODED

PERMIT NUMBER

NAME OF DRILLING FIRM  
**J & K IRRIGATION**

DATE WELL COMPLETED  
**3-4-91**

NAME & MAILING ADDRESS OF LANDOWNER  
**Holly Ridge Ranch**

**P.O. Drawer 1200**

**Indianola, MS 38751**

WELL LOCATION: SEC **24** TOWNSHIP **17 N** RANGE **4 W**

DISTANCE **2** Miles **E** DIRECTION of **CAIke** NEAREST TOWN

OTHER LANDMARK

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

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 75**

Pump Capacity (GPM) **125** No. of Stages **14** Setting Depth **147** FT.

PUMP TEST

Well yielded **125** GPM with  
a drawdown of \_\_\_\_\_ ft.  
after \_\_\_\_\_ hours of pumping

WELL DATA

Well Depth **670** Casing Diameter (In.) **4"** Casing Length (Ft.) **630**

Type of Casing **Steel** Hole Depth **925** Depth to Static Water Level **27**

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

Top of Lap Pipe or Reduction in Casing

FEET IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

LOG DATA

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

Name of Organization Running Log

SCREEN DATA

Diameter - Inches **2 1/2** Length - Feet **40** Slot Size - Inches **.010**

Screen Type **Stainless Steel** Depth to Bottom - Feet **670**

GEOLOGIC DATA (Office Use Only)

Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top

Subs. SWL Date Analysis Aquifer Test

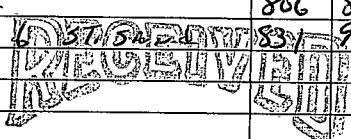
Driller's Remarks  
**Well Pumped**  
**APPROX 150 GPM, WITH**  
**Air Compressor**

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
TOP SOIL CLAY	0	29	SAND	712	735
FINE SAND	29	43	CLAY	735	806
COURSE SAND & CLAY	43	138	SAND	806	831
CLAY	138	230	CLAY	831	925
SAND	230	271			
CLAY	271	427			
CLAY & ST. SAND	427	565			
SAND	565	585			
CLAY	585	596			
SAND	596	684			
CLAY	684	712			

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Dept. of Environmental Quality

IF MORE SPACE IS NEEDED, USE BACK PAGE



If well telescopes please  
sketch and show depths.

GROUND LEVEL

X			

SECTION 24

Please indicate well location X.

ADDITIONAL INFORMATION

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