

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 <u>II TOP</u>	CODED <u>✓</u>
DATE WELL COMPLETED <u>3-14-91</u>	

PERMIT NUMBER
NAME OF DRILLING FIRM <u>J & K INVESTIGATORS</u>

NAME & MAILING ADDRESS OF LANDOWNER
Holly Ridge Ranch
P.O. Drawer 1200
INDIOLA, MS. 38751

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

DISTANCE 2 Miles DIRECTION E of NEAREST TOWN CAIRLE

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 2 1/2

Pump Capacity (GPM) <u>125</u>	No. of Stages <u>14</u>	Setting Depth <u>147</u> FT.
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PUMP TEST
Well yielded 125 GPM with
a drawdown of _____ ft.
after _____ hours of pumping

WELL DATA

Well Depth <u>986</u>	Casing Diameter (In.) <u>4"</u>	Casing Length (Ft.) <u>946</u>
Type of Casing <u>Steel</u>	Hole Depth <u>1004</u>	Depth to Static Water Level <u>29</u>

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

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):
No Log Run, Electric, Gamma Ray, Density, Sonic, Neutron,
Other (Describe) _____

Name of Organization Running Log

SCREEN DATA

Diameter - Inches <u>2 1/2</u>	Length - Feet <u>30</u>	Slot Size - Inches <u>.010</u>
Screen Type <u>STAINLESS STEEL</u>	Depth to Bottom - Feet <u>986</u>	

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 G.P.M. WITH AIR
COMPRESSOR

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
TOP SOIL & clay	0	28	Sand	712	737
Fine SAND	28	47	Clay	737	808
Coarse sand & Gravel	47	139	Sand & Gravel	808	834
Clay	138	234	Clay & SAND	831	931
Sand	230	271	Sand	931	1014
Clay	271	426			
Sand & clay	426	565			
Sand	565	590			
Clay	590	598			
Sand	598	687			
Clay	687	715			

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IF MORE SPACE IS NEEDED, USE BACK

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.