

MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES

Bureau of Land and Water Resources

RECEIVED
APR 05 1990

P.O. Box 10631

Jackson, Mississippi 39209
WATER WELL DRILLERS LOG

COUNTY WELL LOCATED
Sunflower

WELL NUMBER R 174 CODED

DATE WELL COMPLETED
2-18-90

PERMIT NUMBER

NAME OF DRILLING FIRM
J B K IRRIGATOR

NAME & MAILING ADDRESS OF LANDOWNER
HART'S Russell Fish Hatchery

708 WEST Gresham

INDIANOLA, MS. 38757

WELL LOCATION: SEC 22 TOWNSHIP T18 N RANGE R3 W

DISTANCE 2 1/2 MILES DIRECTION E of NEAREST TOWN MOOTHEAD

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) _____

Pump Capacity (GPM) <u>80</u>	No. of Stages <u>10</u>	Setting Depth <u>105</u> FT.
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PUMP TEST

Well yielded 80 GPM with a drawdown of 67 ft. after 24 hours of pumping

WELL DATA

Well Depth <u>1490</u>	Casing Diameter (In.) <u>4" X 2 1/2"</u>	Casing Length (Ft.) <u>1460</u>
Type of Casing <u>Steel</u>	Hole Depth <u>1510</u>	Depth to Static Water Level <u>Above Gr</u>

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

Top of Lap Pipe or Reduction in Casing
4" - 210
2 1/2 - 1250 FEET

IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

LOG DATA

TYPE OF LOG RUN (Circle One):
Electric, Gamma Ray, Density, Sonic, No Log Run, 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>S. Steel</u>	Depth to Bottom - Feet <u>1490</u>	

GEOLOGIC DATA (Office Use Only)

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

Driller's Remarks

Pump APPROX. 100 GPM
With Air Compressor

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
TOP soil & clay	0	19	SAND	820	890
SAND	19	36	CLAY	890	1180
SAND & GRAVEL	36	148	SAND & ST. CLAY	1180	1260
CLAY	148	196	CLAY	126	1394
SAND	196	231	SAND	1394	1570
CLAY	231	290			
SAND	290	360			
CLAY	360	540			
Shell	540	662			
SAND	662	790			
Shell	790	870			

IF MORE SPACE IS NEEDED, USE BACK

