

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Office of Land and Water Resources

COUNTY WELL LOCATED
Sunflower

WELL NUMBER **B-91** CODED

DATE WELL COMPLETED
9-16-03

PERMIT NUMBER
USEW-391625

NAME OF DRILLING FIRM
Irrigation Equipment Inc.

Indianola, MS

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

NAME & MAILING ADDRESS OF LANDOWNER
Marshall Riddick

Box 46
Rome, MS 38768

Latitude:
Longitude:

WELL LOCATION: SEC **23** TOWNSHIP **24N** RANGE **3W** **E**
S **W**

DISTANCE **South** of **Rome** MILES

OTHER LANDMARK

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

PUMP DATA

PUMP TYPE (Circle One):
Submersible, Turbine, Jet, Flowing Well,
Other (Describe)

POWER TYPE (Circle One):
Electric, Tractor, Diesel, Gasoline, Butane,
Other (Describe) **60** H/P

| DESCRIPTION OF FORMATIONS ENCOUNTERED | FROM | TO |
|---------------------------------------|------|-----|
| Clay | 0 | 21 |
| Fine Sand | 22 | 35 |
| Fine Sand/gravel | 36 | 63 |
| Med. Sand/gravel | 64 | 125 |

WELL DATA

| | | |
|------------------------------|-------------------------------------|----------------------------------|
| Well Depth 125 | Casing Diameter (In.) 16" | Casing Length (Ft.) 85 |
| Type of Casing pvc | Hole Depth 125 | Depth to Static Water Level |

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

WELL GROUTED TO A DEPTH OF **10** FEET
Type Grout (circle one): Cement, Bentonite, or Mix

SCREEN DATA

| | | |
|--------------------------------|--------------------------------------|-----------------------------------|
| Diameter - Inches 16 | Length - Feet 40 | Slot Size - Inches .050 |
| Screen Type pvc | Depth to Bottom - Feet 125 | |

RECEIVED

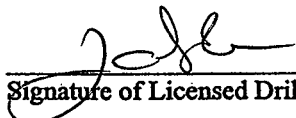
SEP 29 2003

BY: OLWR

Top of Lap Pipe or Reduction in Casing

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

I certify that the well was drilled, constructed and completed in accordance with all applicable Requirements of the Mississippi Department of Environmental Quality and/or the Mississippi Department of Health regulations and state laws.

 **0439**
Signature of Licensed Driller and License No.

9-25-03
Date

Additional Information Required On Back

If well telescopes please sketch and show depths.

GROUND LEVEL

| | | | |
|--|--|--|---|
| | | | |
| | | | X |
| | | | |
| | | | |

SECTION 23

Please indicate well location X.

| | | |
|--|--------------------|-------------------------|
| Pump Capacity (GPM) 2500 to 3000 | No. of Stages 1 | Setting Depth 70 FT. |
| PUMP TEST | | |
| Well yielded _____ GPM with a drawdown of _____ ft. after _____ hours of pumping | | |

LOG DATA

| | |
|--|-------------|
| TYPE OF LOG RUN (Circle One): Electric, Gamma Ray, Density, Sonic, Neutron, Other (Describe) _____ | No Log Run, |
| Name of Organization Running Log | |

GEOLOGIC DATA (Office Use Only)

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

Driller's Remarks

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