

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 <u>Holmes</u> | | PERMIT NUMBER |
| WELL NUMBER <u>A47</u> | CODED <input checked="" type="checkbox"/> | |
| DATE WELL COMPLETED <u>11-30-90</u> | | NAME OF DRILLING FIRM <u>J & K IRRIGATION</u> |

| | | | |
|---|------------------------|-------------------------------|---------------------|
| NAME & MAILING ADDRESS OF LANDOWNER <u>TOI THOMAS</u> | | | |
| <u>Cruger, MS, 38924</u> | | | |
| WELL LOCATION: | SEC <u>14</u> | TOWNSHIP <u>17 N</u> | RANGE <u>1 W</u> |
| DISTANCE <u>4</u> Miles | DIRECTION <u>NW</u> | NEAREST TOWN <u>Cruger</u> | |
| OTHER LANDMARK | | | |
| WELL PURPOSE <u>Home</u> Irrigation, Municipal, Industrial, Fish Pond, etc. | | | |

| | | |
|--|---------------|--------------------------------------|
| PUMP DATA | | |
| PUMP TYPE (Circle One): <u>Submersible</u> Turbine, Jet, Flowing Well, Other (Describe) _____ | | |
| POWER TYPE (Circle One): <u>Electric</u> Tractor, Diesel, Gasoline, Butane, Other (Describe) _____ H/P _____ | | |
| Pump Capacity (GPM) <u>40</u> | No. of Stages | Setting Depth <u> </u> FT. |
| PUMP TEST Well yielded <u>40</u> GPM with a drawdown of _____ ft. after _____ hours of pumping | | |

| | | |
|--|---|---|
| WELL DATA | | |
| Well Depth <u>1187</u> | Casing Diameter (In.) <u>4" x 2"</u> | Casing Length (Ft.) <u>1167</u> |
| Type of Casing <u>Steel</u> | Hole Depth <u>1202</u> | Depth to Static Water Level <u>+15</u> |
| TYPE OF COMPLETION: (Circle One or More): <u>Natural Development</u> , Gravel Packed, Underreamed, Telescoped, Open Hole, Other (Describe) _____ | | |
| Top of Lap Pipe or Reduction in Casing FEET <input type="checkbox"/> IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE | | |

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

| | | |
|---------------------------------------|---------------------------------------|-----------------------------------|
| SCREEN DATA | | |
| Diameter - Inches <u>2"</u> | Length - Feet <u>30</u> | Slot Size - Inches <u>.010</u> |
| Screen Type <u>STAINLESS STEEL</u> | Depth to Bottom - Feet <u>1187</u> | |

| | | | |
|--|---------------|----------------|--------------|
| GEOLOGIC DATA (Office Use Only) | | | |
| Surface Elev. | Geologic Unit | Unit Thickness | Depth to Top |
| Subs. SWL | Date | Analysis | Aquifer Test |
| Driller's Remarks | | | |

| DESCRIPTION OF FORMATIONS ENCOUNTERED | FROM | TO | FORMATIONS (Continued) | FROM | TO |
|---------------------------------------|------|-----|------------------------|------|------|
| TOP SOIL & CLAY | 0 | 22 | CLAY | 520 | 1082 |
| SAND | 22 | 44 | SANDY SILT | 1082 | 1106 |
| SAND & GRAVEL | 44 | 136 | SAND | 1106 | 1202 |
| CLAY | 136 | 208 | | | |
| SAND | 208 | 396 | | | |
| CLAY | 396 | 402 | | | |
| SAND | 402 | 484 | | | |
| CLAY | 484 | 606 | | | |
| SAND & ROCK | 606 | 641 | | | |
| SAND & ST. CLAY | 641 | 681 | | | |
| SHALE | 681 | 920 | | | |

RECEIVED

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IF MORE SPACE IS NEEDED, USE BACK