

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 <i>Holmes</i> | | PERMIT NUMBER |
| WELL NUMBER <i>U2000</i> | CODED | |
| DATE WELL COMPLETED <i>JUNE 15 1993</i> | | NAME OF DRILLING FIRM <i>K.M. Bud CRESSWELL</i> |
| | | LOCATION <i>BENTONIA, MS-</i> |

| | | |
|---|--------------------------|-----------------------------|
| NAME & MAILING ADDRESS OF LANDOWNER <i>Collin Campbell</i> | | |
| <i>Yazoo City, MS</i> | | |
| WELL LOCATION: SEC | TOWNSHIP | RANGE |
| <i>7</i> | <i>13 N</i> | <i>1 E</i> |
| DISTANCE <i>4</i> Miles | DIRECTION <i>EAST</i> | NEAREST TOWN <i>Eden</i> |
| OTHER LANDMARK | | |
| WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc. <i>FARM use</i> | | |

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|--|----------------------------|---------------------------------|
| PUMP DATA | | |
| PUMP TYPE (Circle One): <input checked="" type="radio"/> Submersible, <input type="radio"/> Turbine, <input type="radio"/> Jet, <input type="radio"/> Flowing Well, Other (Describe) _____ | | |
| POWER TYPE (Circle One): <input checked="" type="radio"/> Electric, <input type="radio"/> Tractor, <input type="radio"/> Diesel, <input type="radio"/> Gasoline, <input type="radio"/> Butane, Other (Describe) _____ H/P <i>5</i> | | |
| Pump Capacity (GPM) <i>35</i> | No. of Stages <i>20</i> | Setting Depth <i>290</i> FT. |
| PUMP TEST | | |
| Well yielded <i>50</i> GPM with a drawdown of <i>20</i> ft. after <i>3</i> hours of pumping | | |

| | | |
|---|--|---|
| WELL DATA | | |
| Well Depth <i>970</i> | Casing Diameter (In.) <i>4 1/2" 4" 2"</i> | Casing Length (Ft.) <i>930</i> |
| Type of Casing <i>Steel</i> | Hole Depth <i>1005</i> | Depth to Static Water Level <i>195</i> |
| TYPE OF COMPLETION: (Circle One or More): <input checked="" type="radio"/> Gravel Packed, <input type="radio"/> Underreamed, <input type="radio"/> Telescoped, <input checked="" type="radio"/> Natural Development, <input type="radio"/> Open Hole, <input type="radio"/> Other (Describe) _____ | | |
| Top of Lap Pipe or Reduction in Casing FEET IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE | | |

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| LOG DATA | |
| TYPE OF LOG RUN (Circle One): <input checked="" type="radio"/> Electric, <input checked="" type="radio"/> Gamma Ray, <input type="radio"/> Density, <input type="radio"/> Sonic, <input type="radio"/> Neutron, Other (Describe) _____ | |
| Name of Organization Running Log <i>State</i> | |

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

| | | |
|---------------------------------|--------------------------------------|-----------------------------------|
| SCREEN DATA | | |
| Diameter - Inches <i>2</i> | Length - Feet <i>40</i> | Slot Size - Inches <i>.010</i> |
| Screen Type <i>STAINLESS</i> | Depth to Bottom - Feet <i>970</i> | |

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| Driller's Remarks <i>JUN 29 1993</i> |
| Dept. of Environmental Quality Office of Land & Water Resources |

| DESCRIPTION OF FORMATIONS ENCOUNTERED | FROM | TO | FORMATIONS (Continued) | FROM | TO |
|---------------------------------------|------------|------------|-------------------------------|------------|-------------|
| <i>Surface deposits</i> | <i>0</i> | <i>36</i> | <i>Sand</i> | <i>735</i> | <i>850</i> |
| <i>red sand</i> | <i>36</i> | <i>45</i> | <i>shale</i> | <i>850</i> | <i>870</i> |
| <i>sand-gravel</i> | <i>45</i> | <i>68</i> | <i>sand</i> | <i>870</i> | <i>978</i> |
| <i>clay</i> | <i>68</i> | <i>120</i> | <i>sand, silt & shale</i> | <i>978</i> | <i>1005</i> |
| <i>sand</i> | <i>120</i> | <i>300</i> | | | |
| <i>shale</i> | <i>300</i> | <i>340</i> | | | |
| <i>sand</i> | <i>340</i> | <i>355</i> | | | |
| <i>shale</i> | <i>355</i> | <i>365</i> | | | |
| <i>sand - lignite</i> | <i>365</i> | <i>495</i> | | | |
| <i>shale & silt sand</i> | <i>495</i> | <i>735</i> | | | |

IF MORE SPACE IS NEEDED, USE BACK