

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>DeSoto</i> | |
| WELL NUMBER <i>D 2083</i> | CODED |
| DATE WELL COMPLETED <i>7-27-91</i> | |

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| PERMIT NUMBER <i>0408</i> |
| NAME OF DRILLING FIRM <i>Engle's Well Serv.</i> |
| <i>P.O. Box 3 Hucedale, MS 39452</i> |

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|--|--------------------------|-------------------------------|----------|
| NAME & MAILING ADDRESS OF LANDOWNER <i>Sary Crawley P. O. Box 493 Hucedale MS 39452</i> | | | |
| WELL LOCATION: SEC | TOWNSHIP | RANGE | |
| <i>Brushy Crk</i> | <i>R26T1N</i> | <i>R5E</i> | <i>W</i> |
| DISTANCE <i>5</i> Miles | DIRECTION <i>East</i> | NEAREST TOWN <i>Luella</i> | |
| OTHER LANDMARK <i>1 mi East of Brushy Crk</i> | | | |
| WELL PURPOSE: <input checked="" type="checkbox"/> Home Irrigation, <input type="checkbox"/> Municipal, <input type="checkbox"/> Industrial, <input type="checkbox"/> Fish Pond, etc. | | | |

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|---|---------------------------|---------------------------------|
| PUMP DATA | | |
| PUMP TYPE (Circle One): <input checked="" type="checkbox"/> Submersible, <input type="checkbox"/> Turbine, <input type="checkbox"/> Jet, <input type="checkbox"/> Flowing Well, Other (Describe) _____ | | |
| POWER TYPE (Circle One): <input checked="" type="checkbox"/> Electric, <input type="checkbox"/> Tractor, <input type="checkbox"/> Diesel, <input type="checkbox"/> Gasoline, <input type="checkbox"/> Butane, Other (Describe) _____ H/P <i>3/4</i> | | |
| Pump Capacity (GPM) <i>10</i> | No. of Stages <i>8</i> | Setting Depth <i>120</i> FT. |
| PUMP TEST | | |
| Well yielded <i>20</i> GPM with a drawdown of <i>10</i> ft. after <i>2</i> hours of pumping | | |

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| WELL DATA | | |
| Well Depth <i>150</i> | Casing Diameter (In.) <i>4"</i> | Casing Length (Ft.) <i>140</i> |
| Type of Casing <i>PVC</i> | Hole Depth <i>150</i> | Depth to Static Water Level <i>80'</i> |
| TYPE OF COMPLETION: (Circle One or More): <input type="checkbox"/> Gravel Packed, <input type="checkbox"/> Underreamed, <input type="checkbox"/> Telescoped, <input checked="" type="checkbox"/> Natural Development, <input type="checkbox"/> Open Hole, <input type="checkbox"/> Other (Describe) <i>air lift</i> | | |
| 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 type="checkbox"/> No Log Run, <input type="checkbox"/> Electric, <input type="checkbox"/> Gamma Ray, <input type="checkbox"/> Density, <input type="checkbox"/> Sonic, <input type="checkbox"/> Neutron, Other (Describe) _____ | |
| Name of Organization Running Log | |

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

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|------------------------------------|---------------------------------------|---------------------------------|
| SCREEN DATA | | |
| Diameter - Inches <i>4"</i> | Length - Feet <i>10'</i> | Slot Size - Inches <i>#8</i> |
| Screen Type <i>PVC, wrapped</i> | Depth to Bottom - Feet <i>150'</i> | |

| DESCRIPTION OF FORMATIONS ENCOUNTERED | FROM | TO | FORMATIONS (Continued) | FROM | TO |
|---------------------------------------|------------|------------|--|------|----|
| <i>Top Soil</i> | <i>0</i> | <i>5</i> | RECEIVED SEP 06 1991 Dept. of Environmental Quality Bureau of Land & Water Resources | | |
| <i>Clay</i> | <i>5</i> | <i>20</i> | | | |
| <i>Clay</i> | <i>20</i> | <i>60</i> | | | |
| <i>Clay Silt & Sand</i> | <i>40</i> | <i>60</i> | | | |
| <i>Clay</i> | <i>60</i> | <i>100</i> | | | |
| <i>Silt</i> | <i>100</i> | <i>110</i> | | | |
| <i>Silt</i> | <i>110</i> | <i>120</i> | | | |
| <i>Thin Silt</i> | <i>120</i> | <i>140</i> | | | |
| <i>Sand</i> | <i>140</i> | <i>150</i> | | | |
| | | | | | |

IF MORE SPACE IS NEEDED, USE BACK