

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
Bureau of Land and Water Resources

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

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|------------------------------------------|
| COUNTY WELL LOCATED <i>Lauderdale</i> |
| WELL NUMBER <i>5</i> CODED <i>2068</i> |
| DATE WELL COMPLETED <i>6/5/92</i> |

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| PERMIT NUMBER |
| NAME OF DRILLING FIRM <i>McDonald & Hill</i> |
| <i>Mdn, Miss.</i> |

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| NAME & MAILING ADDRESS OF LANDOWNER <i>Mike Engell</i> | | |
| <i>933 - Dale Dr. N.</i> | | |
| <i>Marion, Miss 39342</i> | | |
| WELL LOCATION: SEC | TOWNSHIP | RANGE |
| <i>19</i> | <i>7</i> | <i>17</i> |
| DISTANCE DIRECTION NEAREST TOWN <i>3</i> Miles <i>NE</i> of <i>MARION</i> | | |
| OTHER LANDMARK | | |
| 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 _____ | | |
| Pump Capacity (GPM) <i>8</i> | No. of Stages <i>14</i> | Setting Depth <i>240'</i> FT. |
| PUMP TEST | | |
| Well yielded <i>25</i> GPM with a drawdown of <i>20</i> ft. after <i>3</i> hours of pumping | | |

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| WELL DATA | | |
| Well Depth <i>525</i> | Casing Diameter (In.) <i>4"</i> | Casing Length (Ft.) <i>358'</i> |
| Type of Casing <i>PVC</i> | Hole Depth <i>358'</i> | Depth to Static Water Level <i>225'</i> |
| TYPE OF COMPLETION: (Circle One or More): <input type="checkbox"/> Gravel Packed, <input type="checkbox"/> Underreamed, <input checked="" type="checkbox"/> Telescoped, <input type="checkbox"/> Natural Development, <input type="checkbox"/> Open Hole, <input type="checkbox"/> Other (Describe) _____ | | |
| Top of Lap Pipe or Reduction in Casing <i>345 FEET</i> 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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|--------------------------------|--------------------------------------|------------------------------------|
| SCREEN DATA | | |
| Diameter - Inches <i>2"</i> | Length - Feet <i>20'</i> | Slot Size - Inches <i>10/14</i> |
| Screen Type <i>PVC</i> | Depth to Bottom - Feet <i>525</i> | |

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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 | | | |

| DESCRIPTION OF FORMATIONS ENCOUNTERED | FROM | TO | FORMATIONS (Continued) | FROM | TO |
|---------------------------------------|------------|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----|
| <i>Clay, Rock, lignite</i> | <i>0</i> | <i>70</i> | <div style="font-size: 2em; font-weight: bold; opacity: 0.5;">RECEIVED</div> <div style="font-size: 1.5em;">JUN 09 1992</div> <div style="font-size: 1.2em;">Dept. of Environmental Quality Bureau of Land & Water Resources</div> | | |
| <i>Sandy shale</i> | <i>70</i> | <i>100</i> | | | |
| <i>Shale, lignite st</i> | <i>100</i> | <i>180</i> | | | |
| <i>Sandy shale</i> | <i>180</i> | <i>260</i> | | | |
| <i>Fine sand</i> | <i>260</i> | <i>270</i> | | | |
| <i>Sandy shale</i> | <i>270</i> | <i>350</i> | | | |
| <i>Shale</i> | <i>350</i> | <i>450</i> | | | |
| <i>Sand</i> | <i>450</i> | <i>455</i> | | | |
| <i>Shale</i> | <i>455</i> | <i>470</i> | | | |
| <i>fine sand</i> | <i>470</i> | <i>483</i> | | | |
| <i>Coarse sand</i> | <i>483</i> | <i>525</i> | | | |

IF MORE SPACE IS NEEDED, USE BACK