

DEQ
MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Office of Land and Water Resources

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

| | |
|---------------------------------------|--|
| COUNTY WELL LOCATED Jones | |
| WELL NUMBER A 168 | CODED <input checked="" type="checkbox"/> |
| DATE WELL COMPLETED 7-31-95 | |

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|--|
| PERMIT NUMBER 14962 |
| NAME OF DRILLING FIRM A-1 Drilling Serv, Inc |
| Laurel, MS |

| | | |
|--|-----------|--------------|
| NAME & MAILING ADDRESS OF LANDOWNER Soso Water Assn | | |
| P.O. Box 146 | | |
| Soso, MS | | |
| WELL LOCATION: SEC | TOWNSHIP | RANGE |
| 14 | 9 | 13 |
| DISTANCE | DIRECTION | NEAREST TOWN |
| ± 3/4 Miles | SW | Soso |
| OTHER LANDMARK | | |
| WELL PURPOSE: Home, Irrigation, <u>Municipal</u> , Industrial, Fish Pond, etc. | | |

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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) Office of Land & Water Resources | | |
| 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) 30 H/P 230V30 | | |
| Pump Capacity (GPM) 380 | No. of Stages 4 | Setting Depth 265 FT. |
| PUMP TEST | | |
| Well yielded 380 GPM with a drawdown of 25' ft. after 2 hours of pumping | | |

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| WELL DATA | | |
| Well Depth 555' | Casing Diameter (In.) 10" 10 | Casing Length (Ft.) 468' |
| Type of Casing Steel | Hole Depth 538' (Access pipe) | Depth to Static Water Level 82' |
| TYPE OF COMPLETION: (Circle One or More): <input checked="" 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) | | |
| WELL GROUTED TO A DEPTH OF 468 FEET Type Grout (circle one): Cement, Bentonite, or Mix | | |

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

| | | | |
|--|---------------|----------------|--------------|
| GEOLOGIC DATA (Office Use Only) | | | |
| Surface Elev. | Geologic Unit | Unit Thickness | Depth to Top |
| Subs. SWL | Date | Analysis | Aquifer Test |
| Driller's Remarks 5 1/2" N/M | | | |

| | | |
|--------------------------------------|--------------------------------------|------------------------------------|
| SCREEN DATA | | |
| Diameter - Inches 6 10 | Length - Feet 82 | Slot Size - Inches .009" |
| Screen Type Barweld 304 SS | Depth to Bottom - Feet 555 | |

| DESCRIPTION OF FORMATIONS ENCOUNTERED | FROM | TO | FORMATIONS (Continued) | FROM | TO |
|---------------------------------------|------|-----|------------------------|------|-----|
| Clay, red, sandy | 0 | 24 | Sand & clay mixed | 203 | 211 |
| Sand & pea gravel | 24 | 63 | Sand, wh, iron stain | 211 | 245 |
| Clay, purple | 63 | 62 | Clay, white | 245 | 305 |
| Clay, wh & yellow | 62 | 71 | Sand | 305 | 326 |
| Rock, hard | 71 | 72 | Clay, light gray | 326 | 360 |
| Clay, white, yellow | 72 | 121 | Sand, lignite | 360 | 387 |
| Clay, sandy w/ sand breaks | 121 | 127 | Clay, sandy | 387 | 394 |
| Sand, white | 127 | 174 | Sand, good clatter | 394 | 403 |
| Clay, yellow | 174 | 178 | Sand & clay streaks | 403 | 420 |
| Sand | 178 | 181 | Clay, gray | 420 | 430 |
| Clay, yellow | 181 | 203 | | | |

IF MORE SPACE IS NEEDED, USE BACK