

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
JASPER

WELL NUMBER
K-40

DATE WELL COMPLETED
2-14-2000

PERMIT NUMBER

NAME OF DRILLING FIRM
A-1 DRILLING SERV, INC

LAUREL, MS 39443

NAME & MAILING ADDRESS OF LANDOWNER
TERRY WINDHAM

ROUTE 2, BOX 94B

BAY SPRINGS, MS 39422

WELL LOCATION SEC TOWNSHIP RANGE
SW, NE 22 2 N 11 E

DISTANCE DIRECTION NEAREST TOWN
13 Miles W of HEIDELBERG

OTHER LANDMARK
EAST SIDE OF NAUCKUPPA CR

WELL PURPOSE Home, Irrigation, Municipal, Industrial, Fish Pond, etc.
CHICKEN HOUSES

PUMP DATA

PUMP TYPE (Circle One):
 Submersible Turbine Jet Flowing Well.
Other (Describe) _____

POWER TYPE (Circle One):
 Electric Tractor Diesel Gasoline Butane
Other (Describe) **5 H/P 230V/19**

Pump Capacity (GPM) No. of Stages Setting Depth
55 @ 250' 11 109 FT.

PUMP TEST

Well yielded _____ GPM with
a drawdown of _____ ft.
after _____ hours of pumping

WELL DATA **G/L**

| | | |
|---------------------------------|-----------------------------------|---|
| Well Depth 453' | Casing Diameter (In.) 4 | Casing Length (Ft.) 432 |
| Type of Casing Galvst | Howe Depth 453' | Depth to Static Water Level 39' |

TYPE OF COMPLETION: (Circle One or More):
 Gravel Packed Underreamed Telescoped
 Natural Development Open Hole Other

WELL GROUTED TO A DEPTH OF **20** FEET
Type Grout (circle one): Cement Bentonite, or Mix

LOG DATA

TYPE OF LOG RUN (Circle One): No Log Run
Electric, Gamma Ray, Density, Sonic, Neutron.
Other (Describe) _____

Name of Organization Running Log

SCREEN DATA

| | | |
|-----------------------------------|---------------------------------------|-----------------------------------|
| Diameter - inches 4 | Length - Feet 20 | Slot Size - inches .006 |
| Screen Type Bar weld SS | Depth to Bottom - Feet 452' | |

GEOLOGIC DATA (Office Use Only)

| Surface Elev. | Geologic Unit | Unit Thickness | Depth to Top |
|---------------|---------------|----------------|--------------|
| Subs SWL | Date | Analysis | Aquifer Test |

Driller's Remarks
Pkts @ 20' & 392'

Top of Lap Pipe or Reduction in Casing
FEET IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

| DESCRIPTION OF FORMATIONS ENCOUNTERED | FROM | TO | FORMATIONS (Continued) | FROM | TO |
|---------------------------------------|------|-----|-------------------------|------|-----|
| Top soil | 0 | 1 | Sand, gray | 395 | 403 |
| Sticky yellow | 1 | 7 | Sandy brown clay, lumpy | 403 | 418 |
| Clay, tan to gray-tan | 7 | 12 | Sand, soft, granular | 418 | 432 |
| Clay, gray | 12 | 290 | Sand, soft, granular | 432 | 452 |
| Clay, sandy | 290 | 295 | Clay | 452 | 453 |
| Sand & sea shells | 295 | 298 | | | |
| Clay, sand, sea shells | 298 | 302 | | | |
| Sand & clay, sea shells | 302 | 333 | | | |
| Clay, brown, w/loose sfts | 333 | 341 | | | |
| Clay, brown, sandy | 341 | 380 | | | |
| Sand, soft, lignite | 380 | 395 | | | |

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