

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 **S 38** CODED

DATE WELL COMPLETED
2/5/99

PERMIT NUMBER
0-624

NAME OF DRILLING FIRM
THOMPSON BROS

NAME & MAILING ADDRESS OF LANDOWNER
G.B. BOOTS SMITH CORP.
2501 AIRPORT DR.
LAUREL MS.

WELL LOCATION: SEC **10** TOWNSHIP **10** RANGE **12**
N S E W

DISTANCE **2** Miles DIRECTION **NW** of NEAREST TOWN **MOSS**

OTHER LANDMARK

WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc.
LAKE SUPPLY

PUMP DATA

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

POWER TYPE (Circle One):
 Electric Tractor Diesel Gasoline Butane,
Other (Describe) H/P

Pump Capacity (GPM) **85** No. of Stages **155** Setting Depth **155** FT.

PUMP TEST
Well yielded **50 GPM** GPM with
a drawdown of **20** ft.
after **DIR LIFT** hours of pumping

WELL DATA

Well Depth **333** Casing Diameter (In.) **4** Casing Length (Ft.) **200**

Type of Casing **PVC** Hole Depth **333** Depth to Static Water Level **100**

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

WELL GROUTED TO A DEPTH OF **10** FEET
Type Grout (circle one): Cement, Bentonite, or Mix

LOG DATA

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

Name of Organization Running Log

SCREEN DATA

Diameter - Inches **4** Length - Feet **40** Slot Size - Inches **.010**

Screen Type **P.V.C.** Depth to Bottom - Feet **110-150/200-220**

GEOLOGIC DATA (Office Use Only)

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

Driller's Remarks
BOTTOM OF SCREEN SET
113' OFF BOTTOM
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
RED (HARD) CLAY	0	10	VERY HARD LIMESTONE	310	318
YELLOW CLAY	10	34	WHITE SANDY CLAY	318	333
FINE SAND	34	40			
WHITE CLAY	40	55			
SANDY YELLOW CLAY	55	105			
BLUE CLAY	105	145			
FINE SAND STREAKS	145	160			
BLUE SAND & CLAY STRS	160	180			
HARD BLUE CLAY	180	204			
MED BRN. SAND	204	220			
BLUE SHALE CLAY	220	310			

RECEIVED
MAY 19 1999

Dept. of Environmental Quality
Office of Land & Water Resources