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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
ISSAQUEENA
WELL NUMBER 6744 CODED
DATE WELL COMPLETED
MARCH 18, 1997

PERMIT NUMBER
NAME OF DRILLING FIRM
EMERUS CRESSWELL
BENTONIA, MS 39040

NAME & MAILING ADDRESS OF LANDOWNER
BEAR-KELSO PLANTATION
VALLEY PARK, MS-
WELL LOCATION. SEC 1 TOWNSHIP 9^N RANGE 7^W
DISTANCE 1 MILES DIRECTION NORTH of NEAREST TOWN VALLEY PARK
OTHER LANDMARK
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc.
FARM

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 112
Pump Capacity (GPM) 20 No. of Stages 12 Setting Depth 84 FT.
PUMP TEST
Well yielded 40 GPM with
a drawdown of 25 ft.
after 8 hours of pumping

WELL DATA
Well Depth 1125 Casing Diameter (In.) 4x2 Casing Length (Ft.) 1125
Type of Casing Steel Hole Depth 1260 Depth to Static Water Level 30
TYPE OF COMPLETION: (Circle One or More):
Natural Development Gravel Packed, Underreamed, Telescoped,
Open Hole, Other
WELL GROUTED TO A DEPTH OF 25 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 2 Length - Feet 30 Slot Size - inches .010
Screen Type Stainless Depth to Bottom - Feet 1125

GEOLOGIC DATA (Office Use Only)
Surface Elev. Geologic Unit Unit Thickness Depth to Top
Subs. SWL Date Analysis Aquifer Test
Driller's Remarks
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
<u>SURFACE DEPOSITS</u>	<u>0</u>	<u>15</u>
<u>SAND-GRAVEL</u>	<u>15</u>	<u>160</u>
<u>YAZOO CLAY</u>	<u>160</u>	<u>420</u>
<u>MOUDUS BRANCH</u>	<u>420</u>	<u>435</u>
<u>SANDY SHALE</u>	<u>435</u>	<u>540</u>
<u>SHALE-TOUGH</u>	<u>540</u>	<u>560</u>
<u>SAND-STRAKS-SHALE</u>	<u>560</u>	<u>700</u>
<u>SHALE-STRAKS SAND</u>	<u>700</u>	<u>1092</u>
<u>SAND-900D</u>	<u>1092</u>	<u>1125</u>
<u>SANDY SHALE</u>	<u>1125</u>	<u>1260</u>

FORMATIONS (Continued) FROM TO
RECEIVED
APR 09 1997
Dept. of Environmental Quality
Office of Land & Water Resources
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