

**MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY**  
 Office of Land and Water Resources  
 Jackson, MS 39289-0000  
 P. O. Box 10  
 WATER WELL DRILLERS L

OK for 2/10/2

PERMIT NUMBER: **GW 15290**  
 NAME OF DRILLING FIRM: **McDonald & Lido**  
 NAME & MAILING ADDRESS OF LANDOWNER: **Robert Thomas**

COUNTY WELL LOCATED: **Itasca**  
 WELL NUMBER: **1-96**  
 DATE WELL COMPLETED: **8/20/02**

WELL LOCATION: **McDonald Lane, 3923**  
 TOWNSHIP: **9** RANGE: **16** SECTION: **16**  
 DISTANCE: **6** Miles of **Itasca** NEAREST TOWN: **Itasca**  
 OTHER LANDMARK: **Steel course**  
 WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc.

**WELL DATA**  
 Well Depth: **545'**  
 Casing Diameter (in.): **6" PVC**  
 Casing Length (ft.): **390'**  
 Type of Casing: **PVC**  
 Hole Depth: **545'**  
 Depth to Static Water Level: **190'**  
 TYPE OF COMPLETION: (Circle One or More):  
 Gravel Packed,  Underreamed,  Telescoped,  Open Hole,  Other  
 (Describe) Natural Development,  Well Grouted to a Depth of \_\_\_\_\_ FEET  
 Type Grout (circle one): Cement, Bentonite, or Mix

**SCREEN DATA**  
 Diameter - inches: **4"**  
 Length - Feet: **70'**  
 Slot Size - inches: **12**  
 Depth to Bottom - Feet: **545'**  
 Screen Type: **S.S.**

**DESCRIPTION OF FORMATIONS ENCOUNTERED**

FROM	TO	DESCRIPTION
0	53	Clay & Shale
53	95	St Shale
95	160	St Sandy Shale
160	392	Shale
392	393	Rock
393	400	#12 Sand
400	440	Shale
440	448	Rock
448	450	Shale
450	456	Rock
456	457	Rock

**LOG DATA**  
 TYPE OF LOG RUN (Circle One):  
 No Log Run,  Sonic,  Neutron,  Density,  Gamma Ray,  Electric  
 Name of Organization Running Log: **McDonald & Lido**  
 GEOLOGIC DATA (Office Use Only)  
 Surface Elev.: \_\_\_\_\_  
 Substr. SWL: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 Analysis: \_\_\_\_\_  
 Aquifer Test: \_\_\_\_\_  
 Depth to Top: \_\_\_\_\_  
 Depth to Bottom: \_\_\_\_\_  
 Unit Thickness: \_\_\_\_\_  
 Geologic Unit: \_\_\_\_\_  
 Driller's Remarks: **1-4x6 back wash valve**  
**1-4x6 rubber seal**  
**Top of Lap Pipe or Reduction in Casing**  
 FEET: \_\_\_\_\_  
 IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE  
 IF MORE SPACE: \_\_\_\_\_  
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**PUMP DATA**  
 PUMP TYPE (Circle One):  
 Submersible,  Turbine,  Jet  
 POWER TYPE (Circle One):  
 Electric,  Tractor,  Diesel,  Gasoline,  Butane  
 Other (Describe): \_\_\_\_\_  
 Pump Capacity (GPM): **250**  
 No. of Stages: **6**  
 H/P: **95**  
 Setting Depth: \_\_\_\_\_  
 Well yielded \_\_\_\_\_ GPM with \_\_\_\_\_ FT.  
 a drawdown of \_\_\_\_\_ ft.  
 after \_\_\_\_\_ hours of pumping

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 GEOLOGIC DATA (Office Use Only)  
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 Substr. SWL: \_\_\_\_\_  
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 Analysis: \_\_\_\_\_  
 Aquifer Test: \_\_\_\_\_  
 Depth to Top: \_\_\_\_\_  
 Depth to Bottom: \_\_\_\_\_  
 Unit Thickness: \_\_\_\_\_  
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