

MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES

Bureau of Land and Water Resources

P.O. Box 631

Jackson, Mississippi 39209

WATERWELL DRILLERS LOG

RECEIVED

PERMIT NUMBER #008

NAME OF DRILLING FIRM **McDonald & Williams Inc**

Address **Madison, MS 39301**

COUNTY WELL LOCATED **Laurens**

WELL NUMBER CODED **H92**

DATE WELL COMPLETED **8/2/91**

NAME & MAILING ADDRESS OF LANDOWNER
**Mike Davis
2670 St. Andrew St
Madison, MS**

WELL LOCATION: SEC **30** TOWNSHIP **7 N** RANGE **16 W**

DIRECTION **N** DISTANCE **1/2** Miles

NEAREST TOWN **Madison**

OTHER LANDMARK

WELL PURPOSE (Home, Irrigation, Municipal, Industrial, Fish Pond, etc.)

WELL DATA

Well Depth **640'** Casing Diameter (In.) **4"** Casing Length (ft.) **410'**

Type of Casing **PVC** Hole Depth **640'** Depth to Static Water Level **293'**

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

Top of Lap Pipe or Reduction in Casing

IF TELESCOPED OR MORE THAN FEET ONE SCREEN: USE BACK PAGE

SCREEN DATA

Diameter - Inches **2** Length - Feet **30'** Slot Size - Inches **12**

Screen Type **S. Steel** Depth to Bottom - Feet **640'**

PUMP DATA

Dept. of Environmental Quality

PUMP TYPE (Circle One):
Submersible, Turbine, Jet, Flowing Well, Electric, Tractor, Diesel, Gasoline, Butane, Other (Describe) **5HP**

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

Pump Capacity (GPM) **30** No. of Stages **21** Setting Depth **294** FT.

PUMP TEST

Well yielded **25** GPM with a drawdown of **30** ft. after **4** hours of pumping

GEOLOGIC DATA (Office Use Only)

Name of Organization Running Log

Surface Elev. Geologic Unit Unit Thickness Depth to Top

Subs. SWL Date Analysis Aquifer Test

Driller's Remarks
**260-2" galv pipe
1-4x2" Rubber seal
1-2" back pressure valve**

DESCRIPTION OF FORMATIONS ENCOUNTERED		FROM	TO	FORMATIONS (Continued)		FROM	TO
Clay + sand	0	72	72	Shale	408	470	
Shale + sand	72	130	130	Rock	470	472	
Shale	130	200	200	St fine sand	472	530	
fine sand	200	220	220	# 12 sand	530	546	
Shale	220	300	300	Shale	546	580	
Rock	300	301	301	St fine sand	580	610	
Sandy Rock	301	310	310	# 12 sand	610	640	
Rock	310	313	313				
Shale	313	334	334				
Shale	334	380	380				
St Sandy Shale	380	389	389				
# 10 sand	389	408	408				