

MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES

Bureau of Land and Water Resources

P.O. Box 10631

Jackson, Mississippi 39209

WATER WELL DRILLERS LOG

COUNTY WELL LOCATED Union		
WELL NUMBER 2 M33	CODED <input checked="" type="checkbox"/>	PERMIT NUMBER
NAME OF DRILLING FIRM Herndon Well & Supply		
DATE WELL COMPLETED 08/20/91		
Shannon, MS		

NAME & MAILING ADDRESS OF LANDOWNER Ingomar Water Association			
Ingomar, MS			
WELL LOCATION:	SEC	TOWNSHIP	RANGE
	<u>6</u>	<u>8</u>	<u>S 3 E</u>
DISTANCE	DIRECTION		NEAREST TOWN
_____ Miles	_____ of _____		
OTHER LANDMARK			
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc. Municipal			

PUMP DATA		
30 HP		
PUMP TYPE (Circle One): Submersible, <u>Turbine</u> , Jet, Flowing Well, Other (Describe) <u>AP</u>		
POWER TYPE (Circle One): <u>Electric</u> , Tractor, Diesel, Gasoline, Butane, Other (Describe)		
Pump Capacity (GPM)	No. of Stages	Setting Depth
205	12	291 FT.
PUMP TEST		
Well yielded <u>205</u> GPM with a drawdown of <u>4.7</u> ft. after <u>8</u> hours of pumping		

WELL DATA		
Well Depth	Casing Diameter (In.)	Casing Length (Ft.)
1182'	10"	1124'
Type of Casing	Hole Depth	Depth to Static Water Level
Steel	1200'	244' 4"
TYPE OF COMPLETION: (Circle One or More): <u>Gravel Packed</u> , Underreamed, Telescoped, Natural Development, Open Hole, Other		
Top of Lap Pipe or Reduction in Casing		
1058 FEET	IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE	

LOG DATA	
TYPE OF LOG RUN (Circle One): <u>Electric</u> , No Log Run, Gamma Ray, Density, Sonic, Neutron, Other (Describe)	
Name of Organization Running Log Herndon Well & Supply	

SCREEN DATA		
Diameter - Inches	Length - Feet	Slot Size - Inches
6	61	.020
Screen Type	Depth to Bottom - Feet	
SS Ribbed	1182'	

GEOLOGIC DATA (Office Use Only)			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Acidifier Test
<div style="border: 2px solid black; padding: 5px; font-weight: bold; font-size: 1.5em;">RECEIVED</div>			
Driller's Remarks			
<div style="font-size: 1.5em; font-weight: bold;">AUG 22 1991</div>			
Dept. of Environmental Quality Bureau of Land & Water Resources			

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Red Clay	0	15	Bl Clay, F/Sand Strks	170	664
Red Sandy Clay	15	30	Rock 2"		664
Brown Shale	30	36	Sand	664	697
Black & Blue Sand	36	40	Bl Clay, F/Sand Strks	697	779
Sand & Brittle Bl Clay	40	68	Rock 3"		779
Blue Clay	68	105	Bl Clay & Sand Strks	779	867
Rock 2"		105	Rock 1"		867
Sand Clay, Shale Rock	105	150	Bl Clay & Sand Strks	867	954
Rock 1"		150	Rock 1"		954
Blue Sand & Clay	150	170	Bl Clay, F/Sand Strks	954	1122
Rock 2"		170	IF MORE SPACE IS NEEDED, USE BACK		(over)

If well telescopes please sketch and show depths.

GROUND LEVEL



Top of 6" Lap
1058

Top of 6" Screen
~~995~~ 1121'

			X

SECTION 6

Please indicate well location X.

ADDITIONAL INFORMATION

Sand, Gravel	1122 - 1130
Hard Blue Clay	1130 - 1140
Gravel, Shale Rock, Clay Streaks	1140 - 1192
Blue Clay	1192 - 1200

If more than one screen,
show location of each on sketch.