

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 DESOTO	
WELL NUMBER 319	CODED
PERMIT NUMBER	
NAME OF DRILLING FIRM SMITH WELL DRILLING + SEAR.	
DATE WELL COMPLETED 2-14-02	

NAME & MAILING ADDRESS OF LANDOWNER
KEITH GUSTAFSON
ORA GROVE MANOR
HERNANDO, MS. 38632

WELL LOCATION SEC TOWNSHIP RANGE
N1/6 T-3 S R-8 E

DISTANCE DIRECTION NEAREST TOWN
4 Miles **W** of **HERNANDO**

OTHER LANDMARK

WELL PURPOSE Home Irrigation, Municipal, Industrial, Fish Pond, etc
Home

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) 12	No. of Stages 11	Setting Depth 100 FT.
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PUMP TEST
Well yielded **18** GPM with
a drawdown of **3** ft.
after **1** hours of pumping

WELL DATA

Well Depth 138	Casing Diameter (In.) 4"	Casing Length (Ft.) 128
Type of Casing PVC	Hole Depth 138	Depth to Static Water Level 80

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

WELL GROUTED TO A DEPTH OF **10** 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 4"	Length - Feet 10	Slot Size - Inches 1/4 TROUS
Screen Type PVC	Depth to Bottom - Feet 138	

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	FORMATIONS (Continued)	FROM	TO
TOP SOIL	0	20			
WHITE CLAY	20	80			
GRAVEL	80	90			
WHITE CLAY + SAND	90	110			
WHITE SAND	110	138			

RECEIVED
AUG 22 2002
BY: OLWR

IF MORE SPACE IS NEEDED, USE BACK