

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  
Smith

WELL NUMBER  
#1 SCDWA Fee

DATE WELL COMPLETED  
4-24-93

PERMIT NUMBER  
0-402

NAME OF DRILLING FIRM  
Tom Gr. Hite

Water Well

NAME & MAILING ADDRESS OF LANDOWNER  
ENERGY Drilling  
P.O. Box 905  
Natchez MS

WELL LOCATION SEC 20 TOWNSHIP 10 RANGE 16

DISTANCE 5 Miles DIRECTION N of NEAREST TOWN MOONT Olive

OTHER LANDMARK

WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc.  
Rig Supply

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 5

Pump Capacity (GPM) 60 No. of Stages Setting Depth 100 FT.

PUMP TEST Airlift  
Well yielded 100 GPM with  
a drawdown of \_\_\_\_\_ ft.  
after \_\_\_\_\_ hours of pumping

WELL DATA

Well Depth <u>260</u>	Casing Diameter (In.) <u>4</u>	Casing Length (Ft.) <u>240</u>
Type of Casing <u>PVC</u>	Hole Depth <u>260</u>	Depth to Static Water Level <u>50</u>

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

LOG DATA

TYPE OF LOG RUN (Circle One):  
No Log Run, Electric, Gamma Ray, Density, Sonic, Neutron,  
Other (Describe)

Name of Organization Running Log

WELL GROUTED TO A DEPTH OF 10 FEET  
Type Grout (circle one): Cement, Bentonite, or Mix

SCREEN DATA

Diameter - Inches <u>4</u>	Length - Feet <u>20</u>	Slot Size - Inches <u>.025</u>
Screen Type <u>PVC</u>	Depth to Bottom - Feet <u>0</u>	

GEOLOGIC DATA (Office Use Only)

Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test

Driller's Remarks

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
<u>Hard Clay</u>	<u>0</u>	<u>40</u>
<u>clay</u>	<u>40</u>	<u>75</u>
<u>sand</u>	<u>75</u>	<u>78</u>
<u>clay</u>	<u>78</u>	<u>142</u>
<u>Rock</u>	<u>142</u>	<u>143</u>
<u>FAIR SAND</u>	<u>143</u>	<u>162</u>
<u>Soft Clay</u>	<u>162</u>	<u>170</u>
<u>Hard clay</u>	<u>170</u>	<u>196</u>
<u>Limestone</u>	<u>196</u>	<u>197</u>
<u>Pea Gravel &amp; Sand</u>	<u>197</u>	<u>260</u>

FORMATIONS (Continued)

FROM TO

**RECEIVED**

**JUL 02 1993**

Dept. of Environmental Quality  
Office of Land & Water Resources

IF MORE SPACE IS NEEDED, USE BACK

If well telescopes please  
sketch and show depths.

GROUND LEVEL


SECTION \_\_\_\_\_

Please indicate well location X.

ADDITIONAL INFORMATION

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