

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  
DE SOTO

WELL NUMBER 1396 CODED

E-2024

DATE WELL COMPLETED  
3-8-00

PERMIT NUMBER

NAME OF DRILLING FIRM  
SMITH WELL

DRUMMET & SONS

NAME & MAILING ADDRESS OF LANDOWNER  
BURBA, SMITH  
DEAN NO

WELL LOCATION SEC H-26 TOWNSHIP T-22 RANGE N-19  
S W

DISTANCE 2 Miles DIRECTION N/W of NEAREST TOWN CUDORA

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) 120 No of Stages 13 Setting Depth 80 FT.

PUMP TEST

Well yielded 20 GPM with  
a drawdown of 8 ft.  
after 2 hours of pumping

WELL DATA

Well Depth <u>96'</u>	Casing Diameter (In.) <u>4"</u>	Casing Length (Ft.) <u>76</u>
Type of Casing <u>PVC</u>	Hole Depth <u>96'</u>	Depth to Static Water Level <u>60'</u>

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 <u>4"</u>	Length - Feet <u>20</u>	Slot Size - Inches <u>14 THOUS</u>
Screen Type <u>PVC</u>	Depth to Bottom - Feet <u>96</u>	

GEOLOGIC DATA (Office Use Only)

Surface Elev	Geologic Unit	Unit Thickness	Depth to Top
Subs SWL	<b>RECEIVED</b>		
JUN 07 2000			
Top of Lap Pipe or Reduction in Casing			
Dept of ENVIRONMENTAL QUALITY Office of Land & Water Resources			

IF TELESCOPE OR MORE THAN ONE SCREEN, USE BACK PAGE

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
<u>TOP SOIL</u>	<u>0</u>	<u>10</u>			
<u>RED + WHITE CLAY</u>	<u>10</u>	<u>40</u>			
<u>RED SAND + GRAVEL</u>	<u>40</u>	<u>60</u>			
<u>WHITE SAND + CLAY</u>	<u>60</u>	<u>96</u>			

IF MORE SPACE IS NEEDED, USE BACK