

**MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY**  
Office of Land and Water Resources

P. O. Box 10631  
Jackson, MS 39289-0631

COUNTY WELL LOCATED  
**RANKIN**  
WELL NUMBER **279** ✓ CODED  
DATE WELL COMPLETED  
**MAY 8, 1995**

PERMIT NUMBER  
NAME OF DRILLING FIRM  
**K.M. DUD CRESSWELL**  
**BENTONIA, MS. 39004**

**WATER WELL DRILLERS LOG**

NAME & MAILING ADDRESS OF LANDOWNER  
**Vicki Soper AK**  
**BRANDON, MS.**  
WELL LOCATION: SEC **3** TOWNSHIP **5 N** RANGE **3 E**  
DISTANCE **3** Miles DIRECTION **NE** of NEAREST TOWN **BRANDON**  
OTHER LANDMARK  
WELL PURPOSE:  Home,  Irrigation,  Municipal,  Industrial,  Fish Pond, etc.

**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 **2**  
Pump Capacity (GPM) **10** No. of Stages **25** Setting Depth **400** FT.  
PUMP TEST  
Well yielded **20** GPM with  
a drawdown of **20** ft.  
after **6** hours of pumping

**WELL DATA**

Well Depth **875** Casing Diameter (Inch) **500, 4" BAL 2"** Casing Length (Ft.) **845**  
Type of Casing **Steel** Hole Depth **1400** Depth to Static Water Level **330**  
TYPE OF COMPLETION: (Circle One or More):  
 Gravel Packed,  Underreamed,  Telescoped,  
 Natural Development,  Open Hole,  Other  
(Describe) \_\_\_\_\_  
WELL GROUTED TO A DEPTH OF **25** FEET  
Type Grout (circle one): Cement, Bentonite, or  Mix

**LOG DATA**

TYPE OF LOG RUN (Circle One):  
 Electric,  Gamma Ray,  Density,  Sonic,  Neutron,  
Other (Describe) \_\_\_\_\_  
Name of Organization Running Log  
**STATE**

**SCREEN DATA**

Diameter - Inches **2** Length - Feet **30** Slot Size - Inches **0/10**  
Screen Type **STAINLESS** Depth to Bottom - Feet **875**  
Top of Lap Pipe or Reduction in Casing

**GEOLOGIC DATA (Office Use Only)**

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

Driller's Remarks  
  
**FEET** IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
RED SAND	0	40
RED CLAY	40	100
GREY SHALE LIGNITE	100	180
YATOO CLAY	180	580
MOUDUS BRANCH SHALE	580	610
BROKEN SAND SAND	610	650
BROKEN SAND SAND	650	840
BROKEN SAND SAND	840	890
BROKEN SAND SAND	890	905
SHALE	905	1050
SANDY SHALE	1050	1400

FORMATIONS (Continued)	FROM	TO
<b>RECEIVED</b>		
<b>MAY 29 1995</b>		
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.