

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 **29** CODED

DATE WELL COMPLETED
OCT. 14, 1997

PERMIT NUMBER

NAME OF DRILLING FIRM
E.M. BUD CRESSWELL

BENTONIA, MS. 39040

NAME & MAILING ADDRESS OF LANDOWNER
KENNETH DAVIS
Raleigh, MS.

WELL LOCATION: SEC **6** TOWNSHIP **2 N** RANGE **9 E**

DISTANCE **6** Miles **EAST** of **Raleigh**

OTHER LANDMARK

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

PUMP DATA

PUMP TYPE (Circle One): **Submersible**, Turbine, Jet, Flowing Well, Other (Describe)

POWER TYPE (Circle One): **Electric**, Tractor, Diesel, Gasoline **1/2** Butane, Other (Describe) **H/P**

Pump Capacity (GPM) **20** No. of Stages **14** Setting Depth **189** FT.

PUMP TEST

Well yielded **60** GPM with a drawdown of **20** ft. after **2** hours of pumping

WELL DATA

Well Depth **625** Casing Diameter (In.) **4** Casing Length (Ft.) **585**

Type of Casing **PVC** Hole Depth **625** Depth to Static Water Level **78**

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

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**, No Log Run, Gamma Ray, Density, Sonic, Neutron, Other (Describe)

Name of Organization Running Log
STATE

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

SCREEN DATA

Diameter - Inches	Length - Feet	Slot Size - Inches
4	40	.013

Screen Type **PVC** Depth to Bottom - Feet **625**

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
SURFACE DEPOSITS	0	25
SAND lignite	25	60
BROWN SHALE	60	150
YAZOO	150	400
Mowbys BRANCH	400	420
SHALE	420	540
SAND	540	625

FORMATIONS (Continued)

FROM	TO

IF MORE SPACE IS NEEDED, USE BACK

RECEIVED

NOV 12 1997

Dept. of Environmental Quality
Office of Land & Water Resources

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.