

H-29

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Office of Land and Water Resources

COUNTY WELL LOCATED
RANKIN

WELL NUMBER 61 CODED

3-22-02

DATE WELL COMPLETED

PERMIT NUMBER

NAME OF DRILLING FIRM
HERNDON WELL & SUPPLY

P. O. Box 10631
Jackson, MS 39289-0631
WATER WELL DRILLERS LOG

NAME & MAILING ADDRESS OF LANDOWNER

John Mason

135 Pole Bridge
Brandon, Ms. 39042

Latitude:
Longitude:

WELL LOCATION. SEC 32 TOWNSHIP 6 (N) RANGE 4 (E) S W

DISTANCE 12 Miles DIRECTION NE of NEAREST TOWN Brandon

OTHER LANDMARK

WELL PURPOSE (Home) Irrigation, Municipal, Industrial (Fish Pond, etc.)
Both

PUMP DATA

PUMP TYPE (Circle One):
(Submersible,) Turbine, Jet, Other (Describe) 30 GPM @ 0 Flowing Well.

POWER TYPE (Circle One):
(Electric,) Tractor, Diesel, Gasoline, Butane, Other (Describe) H/P 3 HP

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
TOP SOIL	0	5
SANDY CLAY	5	75
HARD BLUE CLAY	75	200
FINE SAND	200	220
BLUE CLAY	220	400
SANDY BLUE CLAY	400	440
HARD SHELL & SAND STRK	440	540
SAND & SHALE STRK	540	660
FINE SAND	660	700
HARD SHALE	700	725
FINE SAND	725	745
SANDY SHALE	745	765
CLAY SHALE STRK	765	866

WELL DATA

Well Depth <u>700'</u>	Casing Diameter (In.) <u>4</u>	Casing Length (Ft.) <u>660'</u>
Type of Casing <u>Steel</u>	Hole Depth <u>866'</u>	Depth to Static Water Level <u>235'</u>

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

WELL GROUTED TO A DEPTH OF 40 FEET
Type Grout (circle one): Cement, Bentonite, or Mix

SCREEN DATA

Diameter - Inches <u>4"</u>	Length - Feet <u>40'</u>	Slot Size - Inches <u>.006</u>
Screen Type <u>Johnson</u>	Depth to Bottom - Feet <u>700'</u>	

RECEIVED

FEB 06 2003

BY: OLWF

Top of Lap Pipe or Reduction in Casing

FEET IF TELESKOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

I certify that the well was drilled, constructed and completed in accordance with all applicable Requirements of the Mississippi Department of Environmental Quality and/or the Mississippi Department of Health regulations and state laws.

Robert E. Herndon 021
Signature of Licensed Driller and License No.
Rodney D. Herndon

FEBRUARY 4, 2003
Date

Additional Information Required On Back

If well telescopes please sketch and show depths.

GROUND LEVEL

SECTION _____

Please indicate well location X.

Pump Capacity (GPM)	No. of Stages	Setting Depth	FT.
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PUMP TEST

Well yielded 30 GPM with
 a drawdown of 15 ft.
 after 1 hours of pumping

LOG DATA

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

Name of Organization Running Log
 MS. OFFICE OF GEOLOGY

GEOLOGIC DATA (Office Use Only)

Surface Elev. 392	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test

Driller's Remarks

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