

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
Jackson

WELL NUMBER
J-314

CODED

DATE WELL COMPLETED
3-17-04

PERMIT NUMBER

NAME OF DRILLING FIRM
Castro Water Well Service

NAME & MAILING ADDRESS OF LANDOWNER
Guy + Dianna Hardy
Bethel Church Rd.

Latitude:
Longitude: Ocean Springs MS

WELL LOCATION SEC 14 TOWNSHIP 6^N RANGE 9^E

DISTANCE 6 Miles DIRECTION North of NEAREST TOWN Ocean Springs

OTHER LANDMARK

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

PUMP DATA

PUMP TYPE (Circle One):
Submersible, Turbine, Job Flowing Well, Other (Describe) _____

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

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
<u>TOP Soil</u>	<u>0</u>	<u>2</u>
<u>Orange Clay</u>	<u>2</u>	<u>18</u>
<u>White Coarse Sand</u>	<u>18</u>	<u>26</u>
<u>Blue Clay</u>	<u>26</u>	<u>128</u>
<u>Medium Sand</u>	<u>128</u>	<u>148</u>
<u>Blue Clay</u>	<u>148</u>	<u>460</u>
<u>Grey coarse Sand</u>	<u>460</u>	<u>525</u>

WELL DATA

Well Depth 505' Casing Diameter (In.) 2" Casing Length (Ft.) 490'

Type of Casing PVC Hole Depth 505' Depth to Static Water Level 600'

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

WELL GROUTED TO A DEPTH OF 12 FEET
Type Grout (circle one): Cement, Bentonite or Mix

SCREEN DATA

Diameter - Inches 2" Length - Feet 15' Slot Size - Inches 1.00

Screen Type PVC Depth to Bottom - Feet 505'

RECEIVED

MAR 25 2004

BY: OLWR

Top of Lap Pipe or Reduction in Casing

FEET IF TELESCOPED 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.

Jack Ruffell - 472
Signature of Licensed Driller and License No.

3-22-04
Date

Additional Information Required On Back

If well telescopes please sketch and show depths.

GROUND LEVEL

X			

SECTION 14

Please indicate well location X.

Pump Capacity (GPM) <u>7</u>	No. of Stages <u>2</u>	Setting Depth FT.
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PUMP TEST

Well yielded _____ GPM with
a drawdown of _____ ft.
after _____ hours of pumping

LOG DATA

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

Name of Organization Running Log

GEOLOGIC DATA (Office Use Only)

Surface Elev.	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.