

**MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES**  
Bureau of Land and Water Resources

P.O. Box 1063  
Jackson, Mississippi 392  
WATER WELL DRILLERS LO

COUNTY WELL LOCATED  
**NEWTON**

WELL NUMBER **5** CODED

**B41**

DATE WELL COMPLETED  
**Oct. 1991**

PERMIT NUMBER **19889**

NAME OF DRILLING FIRM  
**GRINER DRILLING SER.**

NAME & MAILING ADDRESS OF LANDOWNER  
**TOWN OF UNION**

**404 BANK ST. UNION**

**MISS**

WELL LOCATION: SEC **1** TOWNSHIP **8 N** RANGE **11 E**  
**SUBSENER** **S** **W**

DISTANCE **HORNE ST.** DIRECTION NEAREST TOWN  
Miles of

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, But  
Other (Describe) H/P **50**

Pump Capacity (GPM) No. of Stages Setting Depth  
**700** **5** **235** FT.

PUMP TEST

Well yielded **755** GPM with  
a drawdown of **38.25** ft.  
after **24** hours of pumping

**WELL DATA**

Well Depth <b>252</b>	Casing Diameter (In.) <b>20</b>	Casing Length (Ft.) <b>176.54</b>
Type of Casing <b>Steel</b>	Hole Depth <b>275</b>	Depth to Static Water Level <b>121.40</b>

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

Top of Lap Pipe or Reduction in Casing **PVC**  
**+2** FEET IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

**LOG DATA**

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

Name of Organization Running Log  
**GRINER DRILLING SERVICE**

**SCREEN DATA**

Diameter - Inches <b>12</b>	Length - Feet <b>91.647</b>	Slot Size - Inches <b>10/16</b>
Screen Type <b>WIRE WRAPPED SS</b>	Depth to Bottom - Feet <b>252</b> FT.	

**GEOLOGIC DATA (Office Use Only)**

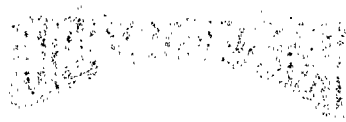
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
<b>135</b>	<b>CLAY</b>	<b>135</b>	<b>135</b>
	<b>SAND</b>	<b>168</b>	<b>168</b>
	<b>CLAY, BLUE</b>	<b>248</b>	<b>248</b>

Driller's Remarks  
**AUG 26 1992**

**Dept. of Environmental Quality**  
**Bureau of Land & Water Resources**

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
<b>CLAY</b>	<b>0</b>	<b>20</b>	<b>ROCK (HARD) + SAND</b>	<b>135</b>	<b>168</b>
<b>ROCK</b>	<b>20</b>	<b>23</b>	<b>SAND</b>	<b>168</b>	<b>248</b>
<b>CLAY</b>	<b>23</b>	<b>40</b>	<b>CLAY, BLUE</b>	<b>248</b>	<b>275</b>
<b>ROCK</b>	<b>40</b>	<b>42</b>			
<b>CLAY</b>	<b>42</b>	<b>50</b>			
<b>ROCK</b>	<b>50</b>	<b>51</b>			
<b>CLAY</b>	<b>51</b>	<b>75</b>			
<b>ROCK</b>	<b>75</b>	<b>76</b>			
<b>CLAY</b>	<b>76</b>	<b>84</b>			
<b>ROCK</b>	<b>84</b>	<b>86</b>			
<b>CLAY</b>	<b>86</b>	<b>135</b>			

IF MORE SPACE IS NEEDED, USE BACK



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