

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  
**STONE**

WELL NUMBER **B-54** CODED

DATE WELL COMPLETED  
**5-1-95**

PERMIT NUMBER  
**0404 14881**

NAME OF DRILLING FIRM  
**Lyman Well Company**

**Gulfport, Ms 39503**

NAME & MAILING ADDRESS OF LANDOWNER  
**New Zion Utility Assoc., Inc**

**Wiggins, Ms** *P.O. Box 816*

**22 39577**

WELL LOCATION: SEC **22** TOWNSHIP **3** RANGE **12** (N) (E) (S) (W)

DISTANCE **2** Miles **west** of **Wiggins**

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

Pump Capacity (GPM) **450** No. of Stages **14** Setting Depth **210** FT.

PUMP TEST

Well yielded **500** GPM with  
a drawdown of **.15** ft.  
after **36** hours of pumping

WELL DATA

Well Depth <b>960</b>	Casing Diameter (In.) <b>10</b>	Casing Length (Ft.) <b>850</b>
Type of Casing <b>steel</b>	Hole Depth <b>1000</b>	Depth to Static Water Level <b>175</b>

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

WELL GROUTED TO A DEPTH OF **950** FEET  
Type Grout (circle one): Cement, Bentonite, or Mix

LOG DATA

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

Name of Organization Running Log  
**state**

SCREEN DATA

Diameter - Inches <b>6"</b>	Length - Feet <b>60</b>	Slot Size - Inches <b>12.0</b>
Screen Type <b>SS</b>	Depth to Bottom - Feet <b>950</b>	

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  
**760 FEET** IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
<b>red sandy clay</b>	<b>0</b>	<b>50</b>
<b>red sand</b>	<b>50</b>	<b>105</b>
<b>yellow clay</b>	<b>105</b>	<b>152</b>
<b>sand yellow</b>	<b>152</b>	<b>328</b>
<b>grey clay</b>	<b>328</b>	<b>570</b>
<b>sand</b>	<b>570</b>	<b>610</b>
<b>blue clay</b>	<b>610</b>	<b>665</b>
<b>Sandy fine</b>	<b>665</b>	<b>760</b>
<b>Blue clay</b>	<b>760</b>	<b>790</b>
<b>sand</b>	<b>790</b>	<b>960</b>

FORMATIONS (Continued)

FORMATIONS (Continued)	FROM	TO
<b>RECEIVED</b>		
<b>MAY 05 1995</b>		
Dept. of Environmental Quality Office of Land & Water Resources		

IF MORE SPACE IS NEEDED, USE BACK

