

**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 2998* CODED

DATE WELL COMPLETED  
*11-4-99*

PERMIT NUMBER

NAME OF DRILLING FIRM  
*Coast Water Well Service*

NAME & MAILING ADDRESS OF LANDOWNER  
*Robert Lucas AK-1*  
*Ridgeland Rd.*  
*Vandlease*

WELL LOCATION: SEC *11* TOWNSHIP *6<sup>th</sup>* RANGE *8<sup>th</sup>*

DISTANCE *4 1/2* Miles DIRECTION *West* of NEAREST TOWN *Vandlease*

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 *1*

Pump Capacity (GPM) *7* No. of Stages *2* Setting Depth \_\_\_\_\_ FT.

PUMP TEST

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

**WELL DATA**

|                              |                                    |   |
|------------------------------|------------------------------------|---|
| Well Depth<br><i>212'</i>    | Casing Diameter (In.)<br><i>2"</i> | Casing Length (Ft.)<br><i>202'</i>        |
| Type of Casing<br><i>PVC</i> | Hole Depth<br><i>212'</i>          | Depth to Static Water Level<br><i>40'</i> |

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

WELL GROUTED TO A DEPTH OF *20* FEET  
Type Grout (circle one): Cement,  Bentonite, or Mix

**LOG DATA**

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

Name of Organization Running Log

**SCREEN DATA**

|                                   |                                       |                                   |
|-----------------------------------|---------------------------------------|-----------------------------------|
| Diameter - Inches<br><i>2"</i>    | Length - Feet<br><i>10'</i>           | Slot Size - Inches<br><i>.004</i> |
| Screen Type<br><i>PVC wrapped</i> | Depth to Bottom - Feet<br><i>212'</i> |                                   |

**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

| DESCRIPTION OF FORMATIONS ENCOUNTERED | FROM       | TO         | FORMATIONS (Continued) | FROM | TO |
|---------------------------------------|------------|------------|------------------------|------|----|
| <i>Top Soil</i>                       | <i>0</i>   | <i>2</i>   |                        |      |    |
| <i>Babyn Clay</i>                     | <i>2</i>   | <i>20</i>  |                        |      |    |
| <i>White sand sand</i>                | <i>20</i>  | <i>60</i>  |                        |      |    |
| <i>Blue Clay</i>                      | <i>60</i>  | <i>180</i> |                        |      |    |
| <i>Med gray sand</i>                  | <i>180</i> | <i>212</i> |                        |      |    |
|                                       |            |            |                        |      |    |
|                                       |            |            |                        |      |    |
|                                       |            |            |                        |      |    |
|                                       |            |            |                        |      |    |
|                                       |            |            |                        |      |    |
|                                       |            |            |                        |      |    |
|                                       |            |            |                        |      |    |

IF MORE SPACE IS NEEDED, USE BACK

If well telescopes please  
sketch and show depths.

GROUND LEVEL

|   |  |  |  |
|---|--|--|--|
| X |  |  |  |
|   |  |  |  |
|   |  |  |  |
|   |  |  |  |

SECTION 11

Please indicate well location X.

ADDITIONAL INFORMATION

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