

# Ship Island

## 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<br><i>Harrison</i> |       |
| WELL NUMBER<br><i>N 1792</i>           | CODED |
| DATE WELL COMPLETED<br><i>5-16-97</i>  |       |

|  |
|--|
| PERMIT NUMBER  |
| NAME OF DRILLING FIRM<br><i>Coast Water Well Service</i> |

NAME & MAILING ADDRESS OF LANDOWNER  
*Gulf Islands National Seashore Park (Ship Island)*

OFFSHORE (*HARRISON CTY*)

|               |     |          |        |
|---------------|-----|----------|--------|
| WELL LOCATION | SEC | TOWNSHIP | RANGE  |
|               |     | N<br>S   | E<br>W |

|          |           |              |
|----------|-----------|--------------|
| DISTANCE | DIRECTION | NEAREST TOWN |
| Miles    | of        |              |

OTHER LANDMARK  
*APPROX 600 FT. SOUTH OF FORT*

WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc.  
*NATIONAL PARK WEST SHIP ISLAND*

### 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 *2*

|                                  |                           |                                |
|----------------------------------|---------------------------|--------------------------------|
| Pump Capacity (GPM)<br><i>40</i> | No. of Stages<br><i>7</i> | Setting Depth<br><i>60</i> FT. |
|----------------------------------|---------------------------|--------------------------------|

PUMP TEST  
Well yielded *100* GPM with  
a drawdown of *N/A* AIR LIFT ft.  
after *2* hours of pumping

### WELL DATA

|                              |                                    |  |
|------------------------------|------------------------------------|--|
| Well Depth<br><i>480'</i>    | Casing Diameter (In.)<br><i>4"</i> | Casing Length (Ft.)<br><i>460'</i>       |
| Type of Casing<br><i>PVC</i> | Hole Depth<br><i>494'</i>          | Depth to Static Water Level<br><i>3'</i> |

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

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

### SCREEN DATA

|                                   |                                       |                                   |
|-----------------------------------|---------------------------------------|-----------------------------------|
| Diameter - Inches<br><i>4"</i>    | Length - Feet<br><i>20'</i>           | Slot Size - Inches<br><i>.008</i> |
| Screen Type<br><i>PVC Wrapped</i> | Depth to Bottom - Feet<br><i>494'</i> |                                   |

### LOG DATA

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

Name of Organization Running Log

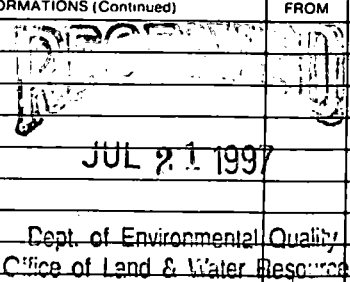
### GEOLOGIC DATA (Office Use Only)

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

Driller's Remarks

Top of Lap Pipe or Reduction in Casing

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

| DESCRIPTION OF FORMATIONS ENCOUNTERED | FROM       | TO          | FORMATIONS (Continued)   | FROM | TO |
|---------------------------------------|------------|-------------|--|------|----|
| <i>Coarse sand &amp; silt clay</i>    | <i>0</i>   | <i>90</i>   |  |      |    |
| <i>Blue Clay + shell</i>              | <i>90</i>  | <i>185</i>  |  |      |    |
| <i>Red gravel</i>                     | <i>185</i> | <i>200</i>  |  |      |    |
| <i>Blue Clay</i>                      | <i>200</i> | <i>270</i>  |  |      |    |
| <i>Med. sand</i>                      | <i>270</i> | <i>285</i>  |  |      |    |
| <i>Blue Clay</i>                      | <i>285</i> | <i>330</i>  |  |      |    |
| <i>Fine-Med. sand</i>                 | <i>330</i> | <i>363</i>  |  |      |    |
| <i>Blue Clay</i>                      | <i>363</i> | <i>385</i>  |  |      |    |
| <i>Med. sand</i>                      | <i>385</i> | <i>403</i>  |  |      |    |
| <i>Blue Clay</i>                      | <i>403</i> | <i>450</i>  |  |      |    |
| <i>Med. Coarse sand</i>               | <i>450</i> | <i>494'</i> |  |      |    |

Dept. of Environmental Quality  
Office of Land & Water Resources

IF MORE SPACE IS NEEDED, USE BACK

