

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Office of Land and Water Resources

COUNTY WELL LOCATED  
**JACKSON**

WELL NUMBER  
**N 566**

DATE WELL COMPLETED  
**April 1994**

PERMIT NUMBER  
**MSGW-14731**

NAME OF DRILLING FIRM  
**Layne-Central Co.**

**A Division of Layne, Inc.**

P. O. Box 10631  
Jackson, MS 39289-0631

WATER WELL DRILLERS LOG

NAME & MAILING ADDRESS OF LANDOWNER  
**City of Ocean Springs**  
**P.O. Box 1800**

**Ocean Springs, MS 39566**

WELL LOCATION SEC **30** TOWNSHIP **7 N** RANGE **8 E**

DISTANCE \_\_\_\_\_ MILES \_\_\_\_\_ of \_\_\_\_\_

DIRECTION **S** **W**

OTHER LANDMARK  
**Exv. Tank at City Hall**

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

PUMP TYPE (Circle One):  
 Submersible,  Surface,  Other (Describe) \_\_\_\_\_

POWER TYPE (Circle One):  
 Electric,  Tractor,  Diesel,  Gasoline,  Butane, Other (Describe) \_\_\_\_\_

Pump Capacity (GPM) **1400** No. of Stages **3** Setting Depth **140** FT.

PUMP TEST  
Well yielded **1491** GPM with a drawdown of **39.8** ft. after **8** hours of pumping

WELL DATA

|  |                                     |   |
|--|-------------------------------------|---|
| Well Depth<br><b>955'</b>  | Casing Diameter (In.)<br><b>16"</b> | Casing Length (Ft.)<br><b>890'</b>        |
| Type of Casing<br><b>Steel</b>   | Hole Depth<br><b>993'</b>           | Depth to Static Water Level<br><b>49'</b> |
| TYPE OF COMPLETION (Circle One or More):<br><input checked="" type="checkbox"/> Gravel Packed, <input checked="" type="checkbox"/> Underreamed, <input type="checkbox"/> Telescoped, <input type="checkbox"/> Natural Development, <input type="checkbox"/> Open Hole, <input type="checkbox"/> Other (Describe) _____ |                                     |   |

LOG DATA

TYPE OF LOG RUN (Circle One):  
 Electric,  Gamma Ray,  Density,  Sonic,  Neutron, Other (Describe) \_\_\_\_\_

Name of Organization Running Log  
**Layne-Central Co.**

GEOLOGIC DATA (Office Use Only)

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

WELL GROUTED TO A DEPTH OF **890'** FEET  
Type Grout (circle one): Cement, Bentonite, or Mix

SCREEN DATA

|                                      |                                     |                                    |
|--------------------------------------|-------------------------------------|------------------------------------|
| Diameter - Inches<br><b>10"</b>      | Length - Feet<br><b>60'</b>         | Slot Size - Inches<br><b>.020"</b> |
| Screen Type<br><b>304 S.S. - Rod</b> | Depth to Bottom - Feet<br><b>5'</b> |                                    |

Driller's Remarks

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

| DESCRIPTION OF FORMATIONS ENCOUNTERED | FROM | TO   | FORMATIONS (Continued) | FROM | TO   |
|---------------------------------------|------|------|------------------------|------|------|
| Top Soil                              | 0'   | 5'   | Sand                   | 892' | 960' |
| Sand                                  | 5'   | 25'  | Sandy Clay & Shale     | 960' | 993' |
| Blue Clay                             | 25'  | 250' |                        |      |      |
| Sandy Shale                           | 250' | 275' |                        |      |      |
| Hard shale & Sand streaks             | 275' | 462' |                        |      |      |
| Sandy Clay                            | 462' | 490' |                        |      |      |
| Sand                                  | 490' | 560' |                        |      |      |
| Sandy Clay                            | 560' | 720' |                        |      |      |
| Hard Shale                            | 720' | 796' |                        |      |      |
| Sandy Clay                            | 796' | 861' |                        |      |      |
| Fine Sand & Clay streaks              | 861' | 892' |                        |      |      |

IF MORE SPACE IS NEEDED, USE BACK

If well telescopes please sketch and show depths.

GROUND LEVEL

|  |  |  |  |
|--|--|--|--|
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

SECTION \_\_\_\_\_

Please indicate well location X.

ADDITIONAL INFORMATION

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