

County: HOLMES

Permit #: GW 16346

Driller: LAYNE-CENTRAL

Date Drilling Completed: 4/13/05

**Well Driller Report and Well Log**  
 Mississippi Department of Environmental Quality  
 Office of Land and Water Resources  
 P. O. Box 10631  
 Jackson, MS 39289-0631  
 (601) 961-5210  
 (601) 354-6938 (fax)

**For Office Use Only:**

Aquifer: \_\_\_\_\_

Well #: J-68

L. S. Elevation: \_\_\_\_\_

E-Log #: \_\_\_\_\_

**State Law requires that this report be prepared by the driller in detail and filed with the Department within 30 days of completion of drilling of the well.**

| Information on Well Owner<br><i>(Landowner if borehole is not for a water well)</i> | Well or Borehole Location  |
|---|--|
| Owner Name <u>WEST HOLMES WATER ASSOCIATION</u>                                     | Latitude: <u>33</u> ° <u>07</u> ' <u>13</u> " Longitude: <u>90</u> ° <u>18</u> ' <u>55</u> " |
| Mailing Address: <u>PO BOX 586</u>  | Method of Lat/Long (circle one): <input type="radio"/> Conventional Survey                   |
| <u>TCHULA</u> <u>MS</u> <u>39169</u>  | USGS quad, Hand-Held GPS, Survey-grade GPS   |
| City State Zip Code   | <u>SW</u> ¼ <u>NE</u> ¼ Sec <u>28</u> Twn <u>15N</u> ✓ Rng <u>1W</u> ✓                       |
| Telephone No. ( <u>601</u> ) <u>235-5923</u>  | Distance Direction Nearest Town  |
|   | Miles of   |

**Well Data**

Purpose of Well (Check one): Home \_\_\_ Industrial \_\_\_ Public Supply  Irrigation \_\_\_ Fish Culture \_\_\_ Other: \_\_\_

Date well drilling started: 1/10/05 Date well drilling completed: 4/13/05

If flowing, method of flow regulation: Valve 8" Other (describe) \_\_\_

Static Water Level: FLOWS 1000 GPM feet above or below (circle one) land surface Date Measured: 4/13/05

Method of Measurement (circle one) steel tape electric tape  air line Other: \_\_\_

Hole depth: 1575' Well depth: 1570' Well grouted to a depth of: 1498' feet

Type of grout (circle one):  Cement  Bentonite  Mix

Casing length: 1498 feet Casing diameter: 12 inches Type of casing: STEEL

Screen length: 60 feet Screen diameter: 8 inches Type of screen: STAINLESS STEEL

Screen slot size: 0.020 inches Setting depth: From 1510 feet to 1570 feet

Type of completion (circle all applicable):  Gravel Packed  Underreamed  Telescoped  Open Hole  Natural Development

Other (describe): \_\_\_

Top of lap pipe or reduction in casing: 1423 feet. *If telescoped or more than one screen, describe on back of page.*

Logs run (circle all applicable): No log run  Electric  Gamma Ray  Density  Sonic  Neutron Other: \_\_\_

Name of organization running log(s): LAYNE-CENTRAL, JACKSON, MS

**I certify that the well was drilled, constructed and completed in accordance with applicable requirements of the Mississippi Department of Environmental Quality and the Mississippi Department of Health regulations and state laws.**

DAVE COOK 692  
 Print Name of Water Well Contractor and License No.

Dave Cook  
 Signature of Water Well Contractor

**RECEIVED**  
 JUL 05 2005  
 BY: OLWR

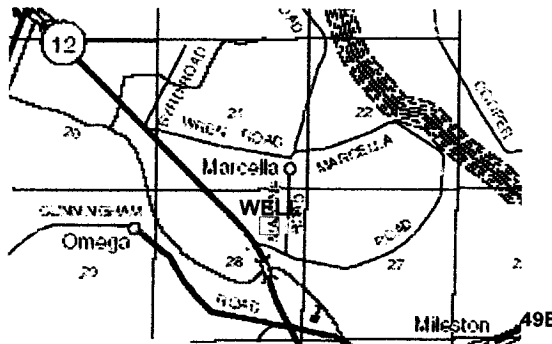
Jc 68

Ground Level

| Description of Formations Encountered | From | To   |
|---------------------------------------|------|------|
| BROWN CLAY                            | 0    | 12   |
| SAND & SMALL GRAVEL                   | 12   | 65   |
| COARSE SAND & GRAVEL                  | 65   | 105  |
| FINE SAND & GRAVEL                    | 105  | 136  |
| SANDY CLAY                            | 136  | 168  |
| SAND & LIGNITE                        | 168  | 190  |
| BROWN CLAY                            | 190  | 230  |
| HARD CLAY                             | 230  | 240  |
| SANDY CLAY                            | 240  | 320  |
| SAND & SHALE STREAKS                  | 320  | 365  |
| CLAY & SAND STREAKS                   | 365  | 460  |
| CLAY                                  | 460  | 505  |
| SAND                                  | 505  | 605  |
| SAND & SHALE STREAKS                  | 605  | 647  |
| HARD CLAY                             | 647  | 682  |
| SAND & CLAY STREAKS                   | 682  | 820  |
| CLAY & SHALE STREAKS                  | 820  | 1015 |
| ROCK                                  | 1015 | 1017 |
| HARD SHALE                            | 1017 | 1024 |
| ROCK                                  | 1024 | 1026 |
| HARD SHALE                            | 1026 | 1070 |
| SAND                                  | 1070 | 1100 |
| CLAY & HARD SHALE                     | 1100 | 1185 |
| HARD SHALE                            | 1185 | 1260 |
| SAND & SHALE STREAKS                  | 1260 | 1370 |
| HARD SHALE                            | 1370 | 1392 |
| SAND & CLAY STREAKS                   | 1392 | 1470 |
| SAND                                  | 1470 | 1600 |
| HARD SHALE                            | 1600 | 1610 |

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

Sketch the property layout and include the following: 1) the well location; 2) any permanent structures on the property that may aid in locating the well; 3) any roads, power lines, or other items that may aid in locating the property and the well; 4) indicate direction.



Landowner's Name: WEST HOLMES WATER ASSOCIATION

NOT TO SCALE

*Dave Cook*

Signature of Water Well Contractor

# State Well Report

County: HOLMES

Permit #: GW 16346

Driller: LAYNE-CENTRAL

Date Completed: 11/20/06

Part 2  
**Pump Installer's Completion Report**  
 Mississippi Department of Environmental Quality  
 Office of Land and Water Resources  
 P. O. Box 10631  
 Jackson, MS 39289-0631  
 (601) 961-5210  
 (601) 354-6938 (fax)

**For Office Use Only:**

Aquifer: \_\_\_\_\_

Well #: J-68

Elevation: \_\_\_\_\_

**This part of the report must be completed by the pump installer in detail and filed with the Department within 30 days of the installation of pump. A copy of Part 1 of this report must be attached to this report.**

| Well Owner Information                           | Well Location  |
|--|--|
| Owner Name: <u>WEST HOLMES WATER ASSOCIATION</u> | Latitude: <u>33</u> ° <u>07</u> ' <u>12</u> " Longitude: <u>90</u> ° <u>17</u> ' <u>53</u> " |
| Mailing Address: <u>PO BOX 586</u>               | Method of Lat/Long (check one): Conventional Survey <input checked="" type="checkbox"/>      |
| <u>TCHULA</u> <u>MS</u> <u>39169</u>             | USGS quad _____ Hand-Held GPS _____ Survey-grade GPS _____                                   |
| City State Zip Code                              | <u>SW</u> ¼ <u>NE</u> ¼ Sec <u>28</u> T <u>15N</u> R <u>1W</u>                               |
| Telephone No. ( <u>601</u> ) <u>235-5923</u>     | Distance Direction Nearest Town  |
|  | <u>6</u> Miles <u>SW</u> of <u>TCHULA</u>  |

| Pump Type<br>Circle One                            | Power Type<br>Circle One                  |
|--|---|
| Air Lift Jet Submersible                           | Diesel Engine Gasoline Engine Natural Gas |
| Bucket Piston <u>Turbine</u>                       | <u>Electric Motor</u> Hand Tractor PTO    |
| Centrifugal Rotary Flowing Well                    | Windmill Other (specify): <u>--</u>       |
| Other (specify): <u>FLOWING WELL</u>               | Horse Power Rating of Motor: <u>20</u>    |
| Date Pump Installed: <u>10/26/06</u>               | Setting Depth: <u>50</u> feet             |
| Rated Pump Capacity: <u>400</u> Gallons Per Minute | Number of Stages: <u>4</u>                |

| Pump Test Data  | Method of Measuring Water Level<br>Circle One            |
|---|--|
| Date Well Tested: <u>10/26/06</u>                           | <u>Air Line</u> Electric Measuring Line Steel Tape       |
| Static Water Level (A): <u>58+</u> Feet Below Land Surface  | Other (specify): <u>--</u>                               |
| Pumping Water Level (B): <u>58+</u> Feet Below Land Surface |  |
| Drawdown [(B) - (A)]: <u>0</u> Feet Below Land Surface      | For flowing well, measured shut in head: <u>58+</u> feet |
| Test Pumping Rate: <u>431</u> Gallons Per Minute            | Well yielded <u>431</u> GPM with a drawdown of           |
| Duration of Pump Test (minimum 4 hours): <u>8</u> hours     | <u>(NET) 0</u> feet after <u>8</u> hours of pumping      |

I hereby certify that the above statements are true to the best of my knowledge.

DAVE COOK 692  
 Print Name of Pump Installer and License No. (if applicable)

*Dave Cook*  
 Signature of Pump Installer

**RECEIVED**  
**DEC 06 2006**  
**BY: OLWR**