

State Well Report

Part 1 - Driller's 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)

County: Marshall
 Permit #: 0-162
 Driller: Larry Carpenter
 Date drilling completed: 6-10-13

For Office Use Only:

Aquifer: _____
 Well #: N107
 L. S. Elevation: _____
 E-log #: _____

State Law requires that this report be prepared by the license holder responsible for the work and filed with the Department at the above address within 30 days of completion of drilling of the well or borehole.

| Information on Well Owner <i>(Landowner if borehole is not for a water well)</i> | Well or Borehole Location |
|---|--|
| Owner Name: <u>Clayton Homes</u> | Latitude: <u>34° 44' 708"</u> Longitude: <u>89° 38' 276"</u> |
| Mailing Address: <u>3802 Hurg 7 West</u> | Method of Lat/Long (circle one): Conventional Survey, <u>42</u> <u>52</u> |
| <u>Covinch MS 38834</u> | USGS quad, <u>Hand-held GPS</u> Survey-grade GPS <input checked="" type="checkbox"/> |
| City State Zip Code | <u>SE 1/4 SW 1/4 Sec 8</u> Twn <u>4S</u> Rng <u>4W</u> |
| Telephone No. <u>(662) 287 4600</u> | Distance Direction Nearest Town <u>3</u> Miles <u>SE</u> of <u>Waterford</u> |

Well / Borehole Data

Date drilling started: 6-10-13 Date drilling completed: 6-10-13 Hole depth: 164' Hole diameter: 8"

Location of the source of any surface water used for drilling: Well Water
 Method of dosing and volume of Chlorine used in drilling and development: 1/2 Pt Chlorine to 100' Sat Water

Logs run (circle all applicable): No log run Electric Gamma Ray Density Sonic Neutron Other: _____
 Name of organization running log(s): _____

Purpose of borehole (check one): Water Well Geotechnical/Geological Investigation _____ Ground Source Heat Pump _____
 Seismic Survey _____ Other (describe) _____

If drilling is not related to water well construction, skip the remainder of this block

Purpose of Well (check one): Home Industrial _____ Public Supply _____ Irrigation _____ Fish Culture _____ Other: _____

If a flowing well, method of flow regulation: Valve _____ Other (describe) _____

Static Water Level: 110 feet above or below (circle one) land surface Date measured: 6-10-13

Method of Measurement (circle one) steel tape electric tape air line other: _____

Well depth: 164' Well grouted to a depth of 10 feet Type of grout (circle one) Neat Cement Bentonite Mix

Casing length: 154' feet Casing diameter: 4 inches Type of casing: PVC

Screen length: 10 feet Screen diameter: 4 inches Type of screen: PVC

Screen slot size: .013 inches Setting depth: From 154 feet to 164 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: _____ feet. ***If telescoped or more than one screen, describe on next page***

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STATE WELL REPORT

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)

County: Marshall
 Permit #: ~~0-162~~
 Driller: Larry Carpenter
 Date completed: 6-10-13
Copy information from block on Part 1

For Office Use Only:

Aquifer: _____
 Well #: N107
 Elevation: _____

This part of the report must be completed by a licensed water well contractor or a licensed pump installer. A copy of Part 1 of the report must be attached and both parts filed with the Department at the above address within 30 days of well completion.

| Well Owner Information | Well Location |
|--|---|
| Owner Name: <u>Clayton Homes</u> | Latitude: <u>34°44.708</u> Longitude: <u>89°38 - 870</u> |
| Mailing Address: <u>3802 Hwy 7 West</u> | Method of Lat/Long (check one): Conventional Survey _____ |
| <u>Cornith MS 38834</u> City State Zip Code | USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____ |
| Telephone No. <u>(662) 287 4600</u> | _____ 1/4 _____ 1/4 Sec <u>8</u> T <u>45</u> R <u>4W</u> |
| | Distance Direction Nearest Town |
| | <u>3</u> Miles <u>SE</u> of <u>Waterford</u> |

| Pump Type Circle one | Power Type Circle one |
|--|--|
| Air Lift Jet <input type="checkbox"/> Submersible <input checked="" type="checkbox"/> | Diesel Engine Gasoline Engine Natural Gas |
| Bucket Piston <input type="checkbox"/> Turbine <input type="checkbox"/> | Electric Motor <input checked="" type="checkbox"/> Hand <input type="checkbox"/> Tractor PTO <input type="checkbox"/> |
| Centrifugal Rotary <input type="checkbox"/> Flowing Well <input type="checkbox"/> | Windmill Other (specify): _____ |
| Other (specify): _____ | Horse Power Rating of Motor: <u>3/4</u> |
| Date Pump Installed: <u>6-10-13</u> | Setting Depth: <u>130</u> feet |
| Rated Pump Capacity: <u>12</u> Gallons Per Minute | Number of Stages: <u>11</u> |

| Pump Test Data | Method of Measuring Water Level Circle one |
|---|--|
| Date Well Tested: <u>6-10-13</u> | Air Line Electric Measuring Line Steel Tape <input checked="" type="checkbox"/> |
| Static Water Level (A): <u>110</u> Feet Below Land Surface | Other (specify): _____ |
| Pumping Water Level (B): <u>115</u> Feet Below Land Surface | For flowing well, measured shut in head: _____ feet |
| Drawdown [(B) - (A)]: <u>5</u> Feet Below Land Surface | Well yielded <u>15</u> GPM with a drawdown of |
| Test Pumping Rate: <u>15</u> Gallons Per Minute | <u>5</u> feet after <u>4</u> hours of pumping |
| Duration of Pump Test (minimum 4 hours): <u>4</u> hours | |

I HEREBY CERTIFY that the above statements are true to the best of my knowledge.

Larry Carpenter # 0-162 Larry Carpenter
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer

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