

State Well Report

Part 1

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: F146
Well #: _____
L. S. Elevation: _____
E-log #: _____

County: Adams
Permit #: _____
Driller: Gary Rayborn
Date drilling completed: 9/4/10

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.

| Well Owner Information | Well Location |
|---------------------------------------|--|
| Owner Name: <u>D+D Drilling Inc</u> | Latitude: <u>31.28.53"</u> Longitude: <u>91.23.00"</u> |
| Mailing Address: <u>P.O. Box 1634</u> | Method of Lat/Long (circle one): <u>Conventional Survey</u> |
| <u>Ferriday LA 71334</u> | USGS quad; <u>Hand-held GPS</u> , Survey-grade GPS |
| City State Zip Code | <u>IR 1/4 IR 1/4 Sec 17</u> Twn <u>6N</u> Rng <u>3W</u> |
| Telephone No. <u>(318) 757-3274</u> | Distance Direction Nearest Town <u>2.5</u> Miles <u>W</u> of <u>Butter Lake</u> |

Well Data

Purpose of Well (circle one) Home Industrial Public Supply Irrigation Fish Culture Other: Rig Supply

Date well drilling started: 9-4-10 Date well drilling completed: 9-4-10

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

Static Water Level: 25 feet above or below (circle one) land surface Date measured: 10/1/10

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

Hole depth: 140' Well depth: 140' Well grouted to a depth of 10 feet

Type of grout (circle one): Cement Bentonite Mix

Casing length: 120 feet Casing diameter: 4 inches Type of casing: PVC

Screen length: 20 feet Screen diameter: 4 inches Type of screen: PVC

Screen slot size: 1020 inches Setting depth: From 120 feet to 140 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 back of page

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

Name of organization running log(s): _____

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

RAYBORN DRILLING, INC. 0-60

Print Name of Water Well Contractor and License No.

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 BY: OLWR
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 BY: OLWR

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)

For Office Use Only:

Aquifer: F146
 Well #: _____
 Elevation: _____

County: Adams
 Permit #: _____
 Driller: Gary Rayborn
 Date completed: 9-4-10

This report should be prepared by the pump installer in detail and filed with the Department within 30 days of the installation of pump.

| Well Owner Information | Well Location |
|-------------------------------------|---|
| Owner Name: <u>D+D Drilling Inc</u> | Latitude: _____ Longitude: _____ |
| Mailing Address: <u>PO Box 1634</u> | Method of Lat/Long (circle one): Conventional Survey, |
| <u>Ferriday LA 71334</u> | USGS quad, Hand-held GPS, Survey-grade GPS |
| City State Zip Code | _____ 1/4 _____ 1/4 Sec <u>Accretions</u> Twn <u>6N</u> Rng <u>3W</u> |
| Telephone No. <u>(318) 757-3274</u> | Distance Direction Nearest Town |
| | _____ Miles _____ of <u>Butter Lake</u> |

| Pump Type Circle one | Power Type Circle one |
|--|---|
| Air Lift Jet <input checked="" type="radio"/> <u>Submersible</u> | Diesel Engine Gasoline Engine Natural Gas |
| Bucket Piston Turbine <input checked="" type="radio"/> <u>Electric Motor</u> | Hand Tractor PTO |
| Centrifugal Rotary Flowing Well | Windmill Other (specify): _____ |
| Other (specify): _____ | Horse Power Rating of Motor: <u>5 HP</u> |
| Date Pump Installed: <u>10/1/10</u> | Setting Depth: <u>105</u> feet |
| Rated Pump Capacity: <u>60</u> Gallons Per Minute | Number of Stages: <u>14</u> |

| Pump Test Data | Method of Measuring Water Level Circle one |
|---|---|
| Date Well Tested: <u>10/1/10</u> | Air Line <input checked="" type="radio"/> <u>Electric Measuring Line</u> Steel Tape |
| Static Water Level (A): <u>25</u> Feet Below Land Surface | Other (specify): _____ |
| Pumping Water Level (B): _____ Feet Below Land Surface | For flowing well, measured shut in head: _____ feet |
| Drawdown [(B) - (A)]: _____ Feet Below Land Surface | Well yielded <u>60</u> GPM with a drawdown of _____ feet after _____ hours of pumping |
| Test Pumping Rate: <u>60</u> Gallons Per Minute | |
| Duration of Pump Test (minimum 4 hours): _____ hours | |

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

Gary Rayborn 0-60
 Print Name of Pump Installer and License No. (if applicable)

Signature of Pump Installer

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If well telescopes please sketch below and show depths.

Ground Level _____

(This section is currently blank for a sketch.)

| Description of Formations Encountered | From | To |
|---------------------------------------|------|-----|
| Clay | 0 | 75 |
| MED SAND | 75 | 100 |
| Coarse SAND | 100 | 140 |
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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.

The sketch shows a property layout with several features:

- Water Bodies:** 'Butter Lake' is shown in the upper middle, and 'Hutchins Landing' is a smaller body of water in the lower middle.
- Roads:** 'Butter Lake Blvd' runs vertically through the center. 'Hwy 61' is a vertical road on the right side.
- Other Features:** 'Curtis Pled' is written near the top left, 'Dwell' is near the center left, and 'Sibley' is marked with a dot on Hwy 61.
- Well Location:** A small square labeled 'Well' is located near the center of the property, between Butter Lake and Hutchins Landing.
- Directional Indicators:** A north arrow is drawn near the top left, pointing towards the top of the page.

Landowner Name: _____



 Signature of Water Well Contractor

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