

County: Marshall
 Permit #: _____
 Driller: Jones w. Mason
 Date drilling completed: 4-11-06

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)

For Office Use Only:
 Aquifer: _____
 Well #: Φ-49
 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 (Landowner if borehole is not for a water well) | Well or Borehole Location |
|--|---|
| Owner Name: <u>David Crawford</u> | Latitude: <u>34° 41' 84.3"</u> Longitude: <u>89° 33' 24.3"</u> |
| Mailing Address: <u>364 Coleman rd</u> | Method of Lat/Long (circle one): Conventional Survey, <u>50</u> |
| <u>Holly Springs</u> <u>MS</u> <u>38635</u> | USGS quad: <u>Hand-held GPS</u> Survey-grade GPS |
| City State Zip Code | <u>NW</u> 1/4 <u>NE</u> 1/4 Sec <u>31</u> Twn <u>45</u> Rng <u>3W</u> |
| Telephone No. <u>662-252-3410</u> | Distance <u>2.18</u> Miles Direction <u>N</u> of Nearest Town <u>Galena</u> |

Well / Borehole Data

Date drilling started: 4-11-06 Date drilling completed: 4-11-06 Hole depth: 194' Hole diameter: 6 3/4

Location of the source of any surface water used for drilling: NA

Method of dosing and volume of Chlorine used in drilling and development: NA

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

Name of organization running log(s): NA

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 NA Other (describe) _____

Static Water Level: 140 feet above or below (circle one) land surface Date measured: 4-12-06

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

Well depth: 194' Well grouted to a depth of 10 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 184 feet Casing diameter: 4 inches Type of casing: pvc

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

Screen slot size: 010 inches Setting depth: From 184 feet to 194 feet

Type of completion (circle all applicable): Gravel packed Underreamed Telescoped Open hole Natural Development

Other (describe): NA

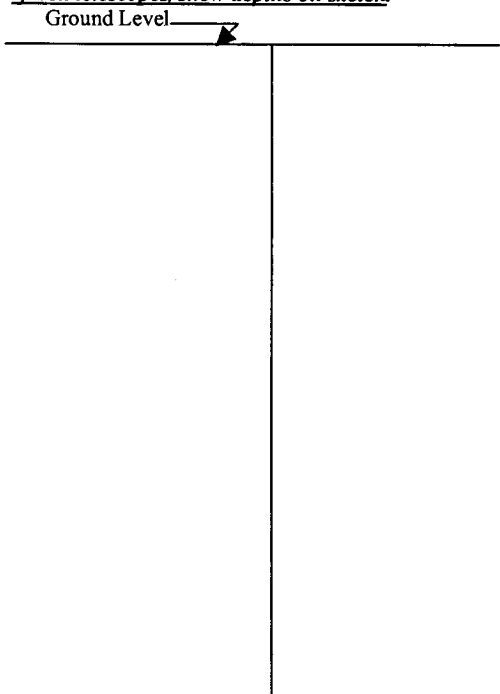
Top of lap pipe or reduction in casing: NA feet. ***If telescoped or more than one screen, describe on next page***

Form: OLWR-SWR-1A

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The sketch below only required for water wells

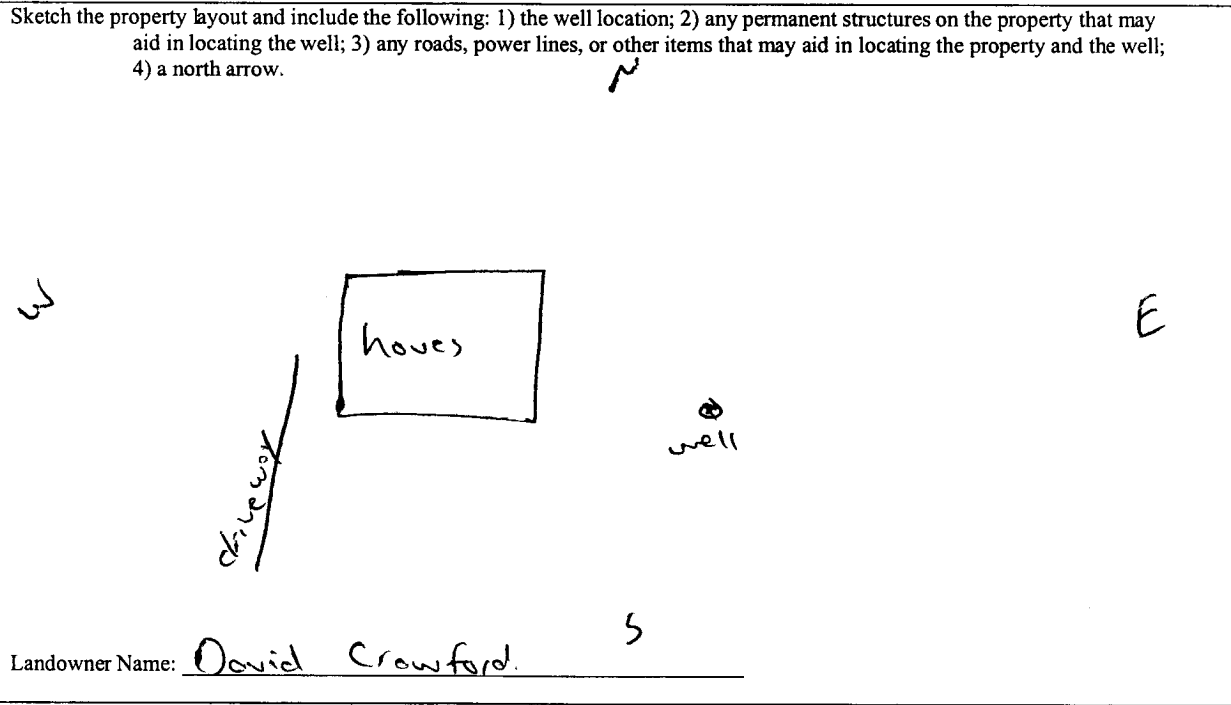
If well telescopes, show depths on sketch.



Description of formations encountered must be provided for all wells and boreholes, unless specifically exempted by regulations

| Description of Formations Encountered | From (depth) | To (depth) |
|---------------------------------------|--------------|------------|
| clay dirt. | Ground Level | 35 |
| red sand | 35 | 45 |
| white sand | 45 | 140 |
| white clay | 140 | 145 |
| white sand | 145 | 194 |
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If more than one screen, show location of each on sketch



Form: OLWR-SWR-1A

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

James W. Mason 0-620 5-8-06

James W. Mason

Print Name of Responsible Licensee and License No.

Date

Signature of Licensee

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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 #: _____
 Driller: James W. Mason
 Date completed: 4-12-06
Copy information from block on Part 1

For Office Use Only:

Aquifer: _____
 Well #: φ-49
 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>David Crawford</u> | Latitude: <u>34.41.843</u> Longitude: <u>89.33.243</u> |
| Mailing Address: <u>364 coleman rd</u> | Method of Lat/Long (check one): Conventional Survey <u>50</u> , USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____ |
| <u>Holly Springs</u> MS <u>38635</u> | <u>NW</u> ¼ <u>NE</u> ¼ Sec <u>31</u> T <u>4s</u> R <u>3w</u> |
| City State Zip Code | Distance Direction Nearest Town |
| Telephone No. <u>662 252 3410</u> | <u>2.78</u> Miles <u>N</u> of <u>Galena</u> |

| Pump Type Circle one | Power Type Circle one |
|---|--|
| Air Lift Jet <input checked="" type="radio"/> Submersible | Diesel Engine Gasoline Engine Natural Gas |
| Bucket Piston Turbine | <input checked="" type="radio"/> Electric Motor Hand Tractor PTO |
| Centrifugal Rotary Flowing Well | Windmill Other (specify): _____ |
| Other (specify): _____ | Horse Power Rating of Motor: <u>3/4</u> |
| Date Pump Installed: <u>4-12-06</u> | Setting Depth: <u>180</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>4-12-06</u> | Air Line Electric Measuring Line Steel Tape |
| Static Water Level (A): <u>140</u> Feet Below Land Surface | Other (specify): <u>String / weight</u> |
| Pumping Water Level (B): <u>NA</u> Feet Below Land Surface | For flowing well, measured shut in head: <u>NA</u> feet |
| Drawdown [(B) - (A)]: <u>NA</u> Feet Below Land Surface | Well yielded <u>12</u> GPM with a drawdown of |
| Test Pumping Rate: <u>12</u> Gallons Per Minute | <u>NA</u> feet after <u>24</u> hours of pumping |
| Duration of Pump Test (minimum 4 hours): <u>24</u> hours | |

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

James W. Mason _____
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer

Form: OLWR-SWR-1B

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