

# STATE WELL REPORT

## Part 1

### Driller's Log

Mississippi Department of Environmental Quality  
Office of Land and Water Resources  
P.O. Box 2309  
Jackson, MS 39225-2309  
(601)961-5210  
(601)360-0535 (fax)

#### For Office Use Only:

Well #: B22C  
Aquifer: \_\_\_\_\_  
E-Log #: \_\_\_\_\_

County: Tate  
Permit #: MS-GW-17027/  
Driller: JAMES W. MASON  
Date drilling completed: 9-24-13

*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.*

| Well Owner Information<br><small>(Landowner if borehole is not for a water well)</small> | Well or Borehole Location  |
|--|--|
| Owner Name: <u>Beartail farms llc</u>  | Latitude: <u>34°44'51.70</u> Longitude: <u>89°55'14.54</u>   |
| Mailing Address: <u>445 scott drive</u>  | Method of Lat/Long (check one): Conventional Survey _____, USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____ |
| <u>Caldwater</u> <u>ms</u> <u>38618</u><br>City State Zip Code                           | <u>NE 1/4 SE 1/4, Sec 10 T 7N R 4E</u><br><u>4.18</u> Miles <u>nw</u> of <u>gingerhill</u><br>(Distance) (Direction) (Nearest Town)                    |
| Telephone No. (662) <u>404-0997</u>  |  |

| Well / Borehole Data   |
|--|
| Date drilling started: <u>9-24-13</u> Date drilling completed: <u>9-24-13</u> Hole depth: <u>140'</u> Hole diameter: <u>93/4</u>   |
| Location of the source of any surface water used for drilling: <u>n/a</u>  |
| Method of dosing and volume of Chlorine used in drilling and development: <u>5 ppm and greater</u>   |
| Logs run (circle all applicable): <input checked="" type="checkbox"/> No log run <input type="checkbox"/> Electric <input type="checkbox"/> Gamma Ray <input type="checkbox"/> Density <input type="checkbox"/> Sonic <input type="checkbox"/> Neutron <input type="checkbox"/> Other: _____ |
| Name of organization running log(s): <u>n/a</u>  |
| Purpose of borehole (circle one): <input checked="" type="checkbox"/> Water Well <input type="checkbox"/> Geotechnical/Geological Investigation <input type="checkbox"/> Ground Source Heat Pump<br><input type="checkbox"/> Seismic Survey <input type="checkbox"/> Other (describe) _____  |

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

|  |
|--|
| Purpose of Well (circle all applicable): Home <input type="checkbox"/> Industrial <input type="checkbox"/> Public Supply <input type="checkbox"/> <input checked="" type="checkbox"/> Irrigation <input type="checkbox"/> Fish Culture |
| Other (describe): _____  |
| If a flowing well, method of flow regulation: Valve <u>n/a</u> Other (describe) _____  |
| Static Water Level: <u>6</u> feet [above or <input checked="" type="checkbox"/> below] and surface Date measured: <u>9-30-13</u><br><small>(circle one)</small>  |
| Method of measurement (circle one): Steel tape <input type="checkbox"/> Electric tape <input type="checkbox"/> Air line <input type="checkbox"/> Other (describe): <u>String weight</u>  |
| Well depth: <u>140</u> Well grouted to a depth of: <u>50</u> feet Type of grout (circle one): Neat Cement <input type="checkbox"/> <input checked="" type="checkbox"/> Bentonite <input type="checkbox"/> Mix                          |
| Casing length: <u>100</u> feet Casing diameter: <u>6</u> inches Type of casing: <u>pvc</u>   |
| Screen length: <u>40</u> feet Screen diameter: <u>6</u> inches Type of screen: <u>pvc</u>  |
| Screen slot size: <u>.013</u> inches Setting depth: From <u>100</u> feet to <u>140</u> feet  |
| Type of completion (circle all applicable): <input checked="" type="checkbox"/> Gravel packed <input type="checkbox"/> Underreamed <input type="checkbox"/> Open hole <input type="checkbox"/> Natural Development                     |
| Other (describe): <u>n/a</u>   |
| Top of lap pipe or reduction in casing: <u>n/a</u> feet  |

*If telescoped or more than one screen, describe on next page*



# STATE WELL REPORT

## Part 2

**Pump Installer's Completion Report**  
 Mississippi Department of Environmental Quality  
 Office of Land and Water Resources  
 P.O. Box 2309  
 Jackson, MS 39225-2309  
 (601)961-5210  
 (601) 360-0535 (fax)

County: Tate  
 Permit #: MS-GW-17027  
 Driller: Jones W. Mason  
 Date completed: 9-30-13  
Copy information from block on Part 1

**For Office Use Only:**

Well #: 13220  
 Aquifer: \_\_\_\_\_

*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>Beartail Farms LLC</u>                          | Latitude: <u>34°44'51.70</u> Longitude: <u>89°55'14.54</u>   |
| Mailing Address: <u>445 Scott Drive</u>                        | Method of Lat/Long (check one): Conventional Survey _____, USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____ |
| <u>Coldwater</u> <u>MS</u> <u>38618</u><br>City State Zip Code | <u>NE 1/4 SE 1/4, Sec 10 T 7N R 4S</u>   |
| Telephone No. <u>(662) 404-0997</u>                            | <u>4.18</u> Miles <u>NW</u> of <u>Jingerhill</u><br>(Distance) (Direction) (Nearest Town)  |

**Pump Type (circle one)**

Submersible Turbine Air Lift Centrifugal Flowing Well Jet Piston Rotary Other (describe): \_\_\_\_\_

Date Pump Installed: 9-30-13 Rated Pump Capacity: 500 Gallons Per Minute

Is This Pump (circle one):  New Repaired Replacement

**Power Type (circle one)**

Electric Diesel Gasoline Natural Gas Tractor PTO Windmill Other (describe): \_\_\_\_\_

Horse Power Rating of Motor: 10 Setting Depth: 60 feet Number of Stages: 2

**Pump Test Data for Non Flowing Well**

Date Well Tested: 9-30-13 Duration of Pump Test (minimum 4 hours): 24 hours

Static Water Level (A): 6 Feet Below Land Surface Pumping Water Level (B): N/A Feet Below Land Surface

Drawdown [(B) - (A)]: N/A Feet Below Land Surface Test Pumping Rate: 500 Gallons Per Minute

Method of measurement (circle one): Steel tape Electric tape Air line Other (describe): string weight

**Pump Test Data for Flowing Well**

Measured shut in head: N/A feet.

Well yielded 500 GPM with a drawdown of N/A feet after 24 hours of pumping

**Meter Installation**

Meter Manufacturer: N/A Meter Serial Number: N/A

Meter Model Number/Name: N/A Type of Meter: N/A

Totalizer Register Unit and Multiplier Factor (AF x .001, gal x 1000, etc): N/A

Installation Date: N/A Meter installed by: N/A

Is This Meter (circle one): New Repaired Replacement

*Important: By submitting the above information you are certifying that this meter was installed to manufacturer standards. For agricultural wells, a list of approved meters is on the MDEQ website.*

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

Jones W. Mason 0-620 10-21-13 Jones W. Mason  
 Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer