

# 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: TATE  
Permit #: \_\_\_\_\_  
Driller: K Langford  
Date drilling completed: 4-20-07

**For Office Use Only:**

Aquifer: \_\_\_\_\_  
Well #: F-78  
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 <small>(Landowner if borehole is not for a water well)</small>	Well or Borehole Location
Owner Name: <u>STAR THOMAS</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>LOT 4243 Nidder Valley Rd</u> <u>5885</u>	Method of Lat/Long (circle one): <u>Conventional Survey</u>
<u>Caldwater MS</u> City State Zip Code	USGS quad, Hand-held GPS, Survey-grade GPS
Telephone No. ( ) _____	<u>1/4</u> <u>1/4</u> Sec <u>6</u> Twn <u>5 S</u> Rng <u>8 W</u>
	Distance Direction Nearest Town <u>2</u> Miles <u>SE</u> of <u>ARABALISTON</u>

**Well / Borehole Data**

Date drilling started: 4-19 Date drilling completed: 4-20-07 Hole depth: 140 Hole diameter: 6 3/8"

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

Method of dosing and volume of Chlorine used in drilling and development: 2 GAL Chlorox

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

Name of organization running log(s): \_\_\_\_\_  
(Attach copy of log to this report)

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 None Other (describe) \_\_\_\_\_

Static Water Level: 50 feet above or below (circle one) land surface Date measured: 4-20-07

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

Well depth: 140 Well grouted to a depth of 10 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 20 feet Casing diameter: 4 inches Type of casing: PVC

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

Screen slot size: .013 inches Setting depth: From 130 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: None feet. *If telescoped or more than one screen, describe on next page*

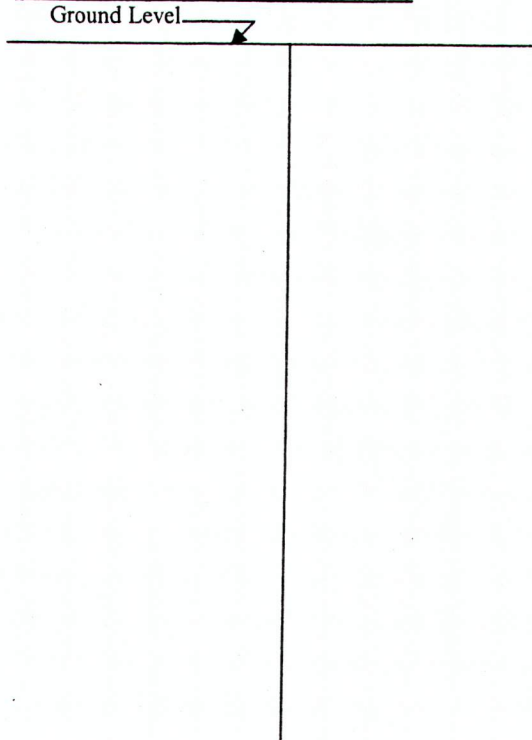
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The sketch below only required for water wells

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)
	Ground Level	
DIRT	0	10
A/ SAND	10	30
SAND / CLAY	30	70
W/ SAND	70	140

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) a north arrow.

Landowner Name: STAR THOMAS

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.

FRANK LANGFORD  
Print Name of Responsible Licensee and License No.

5-12-07  
Date

Frank Langford  
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: TATE  
 Permit #: \_\_\_\_\_  
 Driller: F LANGFORD  
 Date completed: 5-20-07  
*Copy information from block on Part 1*

**For Office Use Only:**

Aquifer: \_\_\_\_\_  
 Well #: F-78  
 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>STAR THOMAS</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>LOT 43142 Hidden Valley</u>	Method of Lat/Long (check one): <u>Conventional Survey</u>
<u>5685</u>	USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
<u>Coldwater MS</u>	_____ 1/4 _____ 1/4 Sec <u>6</u> T <u>59</u> R <u>8W</u>
City State Zip Code	Distance Direction Nearest Town
Telephone No. ( ) _____	<u>2</u> Miles <u>SE</u> of <u>ARKABOTHA</u>

Pump Type Circle one	Power Type Circle one
Air Lift Jet <u>Submersible</u>	Diesel Engine Gasoline Engine Natural Gas
Bucket Piston Turbine	<u>Electric Motor</u> 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>5-20-07</u>	Setting Depth: <u>80</u> feet
Rated Pump Capacity: <u>15</u> Gallons Per Minute	Number of Stages: <u>12</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>4-20-07</u>	Air Line Electric Measuring Line <u>Steel Tape</u>
Static Water Level (A): <u>50</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>50</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: <u>0</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>0</u> feet after <u>1 1/2</u> hours of pumping
Duration of Pump Test (minimum 4 hours): <u>1 1/2</u> hours	

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

FRANK LANGFORD 0682 Frank Langford  
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer

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 MAY 18 2007  
 BY: OLWR