

County: TATE 137
 Permit #: _____
 Driller: F LANGFORD
 Date drilling completed: 3-17-05

Well Driller Report and Well 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 #: D-113
 L. S. Elevation: _____
 E-log #: _____

Langford Drilling

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>KIRK MOORE</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>BETT MENDON FARMS</u> <u>CHERRY TREE HAVEN</u> <u>LOT # 26</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS
<u>COLDWATER</u> City State Zip Code	<u>N 1/4 R 1/4 Sec 33 Twn 4 S Rng 5 W</u>
Telephone No. (____) _____	Distance Direction Nearest Town <u>1</u> Miles <u>9</u> of <u>WAN HILL</u>

Well Data

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

Date well drilling started: 3-17-05 Date well drilling completed: 3-17-05

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

Static Water Level: 80 feet above or below (circle one) land surface Date measured: 3-17-05

Method of Measurement (circle one) steel tape electric tape air line other: STEEL RAIL ON STEEL

Hole depth: 180 Well depth: 190 Well grouted to a depth of 10 feet

Type of grout (circle one): 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 170 feet to 180 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 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.

F LANGFORD 0622
 Print Name of Water Well Contractor and License No.

Frank Langford RECEIVED
 Signature of Water Well Contractor
 MAR 25 2005

If well telescopes please sketch below and show depths.

BY: OLWR

D 113

Ground Level

Description of Formations Encountered	From	To
DIRT	0	20
R/SAND	20	40
BROWN SAND	40	50
Mix w/CLAY SAND	50	120
W/SAND	120	180

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.

Landowner Name: Kirk Moore

Frank Langford
 Signature of Water Well Contractor

RECEIVED
 MAR 25 2005
 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)

County: TATE
Permit #: _____
Driller: K LANGFORD
Date completed: 3-17-09

For Office Use Only:
Aquifer: _____
Well #: D-113
Elevation: _____

This report must be prepared by the pump installer in detail and filed with the Department within 30 days of the installation of pump. A copy of Part 1 of this report must be attached to this report.

Well Owner Information	Well Location
Owner Name: <u>KIRK MOERZ</u> <u>BETT MENDOW FARMS</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>CHERRY TREE LAKE</u> <u>LOT #26</u> <u>COLDWATER</u> City State Zip Code	Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS <u>N</u> 1/4 <u>R</u> 1/4 Sec <u>33</u> Twn <u>49</u> Rng <u>5W</u>
Telephone No. (____) _____	Distance Direction Nearest Town <u>1</u> Miles <u>S</u> of <u>WALL HILL</u>

Pump Type Circle one	Power Type Circle one
Air Lift Jet <input type="radio"/> <u>Submersible</u> <input checked="" type="radio"/>	Diesel Engine Gasoline Engine Natural Gas
Bucket Piston Turbine	<u>Electric Motor</u> <input checked="" type="radio"/> Hand Tractor PTO
Centrifugal Rotary Flowing Well	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>34</u>
Date Pump Installed: <u>3-17-09</u>	Setting Depth: <u>140</u> feet
Rated Pump Capacity: <u>12</u> Gallons Per Minute	Number of Stages: <u>12</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>3-17-09</u>	Air Line Electric Measuring Line <u>Steel Tape</u> <input checked="" type="radio"/>
Static Water Level (A): <u>80</u> Feet <u>Below Land</u> Surface	Other (specify): <u>STEEL ANCHOR STRING</u>
Pumping Water Level (B): <u>80</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: <u>85</u> Feet <u>Below Land Surface</u>	Well yielded <u>15+</u> GPM with a drawdown of <u>None</u> feet after <u>1 1/2</u> hours of pumping
Test Pumping Rate: <u>16+</u> Gallons Per Minute	
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.

K LANGFORD 0-622
Print Name of Pump Installer and License No. (if applicable)

Frank Langford
Signature of Pump Installer

RECEIVED

MAR 25 2005

BY: OLWR