

County: DeSoto
 Permit #: _____
 Driller: FRANK LANGFORD
 Date drilling completed: 11-4-09

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 #: K-224
 L. S. Elevation: _____
 E-log #: _____

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>RANDY SMITH</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>TULANE ROAD</u>	Method of Lat/Long (circle one): <u>Conventional Survey</u>
<u>HERNANDO MS</u>	USGS quad, Hand-held GPS, Survey-grade GPS
City State Zip Code	_____ 1/4 _____ 1/4 Sec <u>15</u> Twn <u>45</u> Rng <u>8W</u>
Telephone No. (____) _____	Distance Direction Nearest Town <u>6</u> Miles <u>S-W</u> of <u>HERNANDO</u>

Well Data

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

Date well drilling started: 10-30-09 Date well drilling completed: 11-04-09

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

Static Water Level: 105 feet above or below (circle one) land surface Date measured: 11-4-09

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

Hole depth: 220 Well depth: 220 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: STAINLESS STEEL PVC

Screen slot size: 1013 inches Setting depth: From 210 feet to 220 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.

FRANK LANGFORD 0-622 Frank Langford
 Print Name of Water Well Contractor and License No. Signature of Water Well Contractor

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 BY: OLWR

If well telescopes please sketch below and show depths.

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: _____
Well #: K-224
Elevation: _____

County: OSBERT
Permit #: _____
Driller: F LANGFORD
Date completed: 11-4-05

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>RANDY SMITH</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>TELANE RD</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS
<u>HERNANDO MS</u>	_____ 1/4 _____ 1/4 Sec <u>15</u> Twn <u>45</u> Rng <u>8W</u>
City State Zip Code	Distance Direction Nearest Town
Telephone No. () _____	<u>6</u> Miles <u>SW</u> of <u>HERNANDO</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>34</u>
Date Pump Installed: <u>11-4-05</u>	Setting Depth: <u>160</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>11-4-05</u>	Air Line Electric Measuring Line <u>Steel Tape</u>
Static Water Level (A): <u>109</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>109</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: <u>NONE</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>NONE</u> feet after <u>4 1/2</u> hours of pumping
Duration of Pump Test (minimum 4 hours): <u>4 1/2</u> hours	

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

FRANK LANGFORD 0-623
Print Name of Pump Installer and License No. (if applicable)

Frank Langford
Signature of Pump Installer

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K- 224

Ground Level

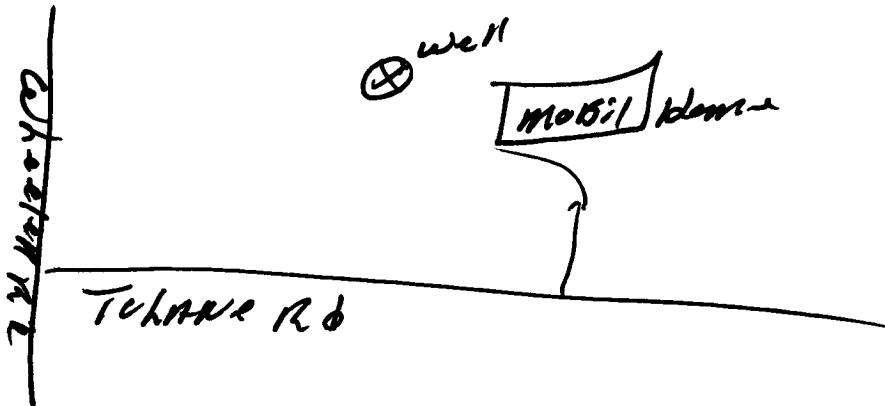
Description of Formations Encountered

From To

Description of Formations Encountered	From	To
DIRTY	0	10
CLAY	10	40
SOME GRAVEL	40	60
Blue CLAY	60	180
SAND	180	220

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: Randy Smith

Frank Langford
Signature of Water Well Contractor

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