

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 #: E-48
L. S. Elevation: _____
E-log #: _____

County: TATE
Permit #: _____
Driller: FRANK LANGFORD
Date drilling completed: 1-24-07

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)

Owner Name: DAVID L CAIN
Mailing Address: FINN LAKE RD
SNAA MS
City State Zip Code
Telephone No. () _____

Well or Borehole Location

Latitude: _____ Longitude: _____
Method of Lat/Long (circle one): Conventional Survey
USGS quad, Hand-held GPS, Survey-grade GPS
____ 1/4 ____ 1/4 Sec 29 Twn 55 Rng 9W
Distance Direction Nearest Town
2 Miles W of STANHOPE

Well / Borehole Data

Date drilling started: 1-23-07 Date drilling completed: 1-24-07 Hole depth: 180 Hole diameter: 6 7/8"

Location of the source of any surface water used for drilling: TATE - HOME WELL
Method of dosing and volume of Chlorine used in drilling and development: 4 GAL - CEREX DRUG + DEVELOP

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 _____ Other (describe) _____

Static Water Level: 70 feet above or below (circle one) land surface Date measured: 1-24-07

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

Well depth: 180 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: SLOTED 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: _____ feet. If telescoped or more than one screen, describe on next page

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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: 1-24-07
Copy information from block on Part 1

For Office Use Only:

Aquifer: _____
 Well #: E-48
 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>Daniel Cain</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>FINN LAZERD</u>	Method of Lat/Long (check one): <u>Conventional Survey</u>
<u>STARR MS</u>	USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
City State Zip Code	_____ 1/4 _____ 1/4 Sec <u>29</u> T <u>S 3 R 9 W</u>
Telephone No. () _____	Distance Direction Nearest Town
	<u>2</u> Miles <u>W</u> of <u>STARRHORN</u>

Pump Type Circle one	Power Type Circle one
Air Lift Jet <input type="radio"/> <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>1-24-07</u>	Setting Depth: <u>120</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>1-24-07</u>	Air Line Electric Measuring Line <u>Steel Tape</u>
Static Water Level (A): <u>70</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>70</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 C-622
 Print Name of Pump Installer and License No. (if applicable)

Frank Langford
 Signature of Pump Installer

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