

# State Well Report

## Part 1

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-46  
 L. S. Elevation: \_\_\_\_\_  
 E-log #: \_\_\_\_\_

County: Scott  
 Permit #: \_\_\_\_\_  
 Driller: Nelson Cain  
 Date drilling completed: 1-28-06

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.

#2 well south

Well Owner Information	Well Location
Owner Name <u>Ruth Moore Farms</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>Box 4688</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS
<u>Damascus RD</u>	N <u>1/4</u> E <u>1/4</u> Sec <u>9</u> Twn <u>8N</u> Rng <u>9E</u>
<u>Sebastopol MS 39308</u>	Distance <u>2 1/2</u> Miles Direction <u>S/W</u> of Nearest Town <u>Sebastopol, Ms</u>
City State Zip Code	
Telephone No. <u>(601) 253-2061</u>	

**Well Data**

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

Date well drilling started: 1-22-06 Date well drilling completed: 1-28-06

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

Static Water Level: 70 feet above or below (circle one) land surface Date measured: 1-23-06

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

Hole depth: 140 Well depth: 140 Well grouted to a depth of 10 feet

Type of grout (circle one): Cement Bentonite Mix

Casing length: 120 feet Casing diameter: 4 inches Type of casing: PVC

Screen length: 20 feet Screen diameter: 4 inches Type of screen: PVC

Screen slot size: #10 inches Setting depth: From 120 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: \_\_\_\_\_ 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.

Ms Water Well Drilling  
 Print Name of Water Well Contractor and License No. 0-374

Nelson Cain  
 Signature of Water Well Contractor

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If well telescopes please sketch below and show depth.

Ground Level

Description of Formations Encountered	From	To
Top Soil	0	20
clay + sand	20	30
sand	30	45
clay	45	75
water sand	96	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) indicate direction.

Landowner Name: Ruth Moore

Nelson Cain  
Signature of Water Well Contractor

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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: Scott  
 Permit #: \_\_\_\_\_  
 Driller: Nelson Cain  
 Date completed: 1-28-06

**For Office Use Only:**

Aquifer: \_\_\_\_\_  
 Well #: D-46  
 Elevation: \_\_\_\_\_

**This report should be prepared by the pump installer in detail and filed with the Department within 30 days of the installation of pump.**

Well Owner Information	Well Location
Owner Name: <u>Ruth Moore Farms</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>Box 41688</u> <u>Damascus Rd</u> <u>Sebastopol, Ms 39308</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS
City State Zip Code	<u>N</u> ¼ <u>E</u> ¼ Sec <u>9</u> Twn <u>8N</u> Rng <u>9E</u>
Telephone No. <u>(601) 253-2061</u>	Distance Direction Nearest Town <u>2 1/2</u> Miles <u>S/W</u> of <u>Sebastopol, Ms</u>

Pump Type Circle one	Power Type Circle one
Air Lift Jet <input checked="" type="radio"/> <u>Submersible</u>	Diesel Engine Gasoline Engine Natural Gas
Bucket Piston Turbine	<input checked="" type="radio"/> <u>Electric Motor</u> Hand Tractor PTO
Centrifugal Rotary Flowing Well	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>1hp</u>
Date Pump Installed: <u>1-23-06</u>	Setting Depth: <u>120</u> feet
Rated Pump Capacity: <u>20</u> Gallons Per Minute	Number of Stages: <u>1</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>1-28-06</u>	Air Line Electric Measuring Line Steel Tape
Static Water Level (A): <u>70</u> Feet Below Land Surface	Other (specify): <u>String</u>
Pumping Water Level (B): <u>85</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: <u>15</u> Feet Below Land Surface	Well yielded <u>20</u> GPM with a drawdown of
Test Pumping Rate: <u>20</u> Gallons Per Minute	<u>15</u> feet after <u>6</u> hours of pumping
Duration of Pump Test (minimum 4 hours): <u>6</u> hours	

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

Nelson Cain 0-374      Nelson Cain  
 Print Name of Pump Installer and License No. (if applicable)      Signature of Pump Installer

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