

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 #: B-225
L. S. Elevation: _____
E-log #: _____

County: Sunflower
Permit #: GW41825
Irrigation Equipment
Driller: _____
Date drilling completed: 5-7-07

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>Russell Farms Inc.</u>	Latitude: <u>33° 25' 47.0</u> Longitude: <u>90° 29' 10.1</u>
Mailing Address: <u>25 Russell Lane</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS
<u>Sunflower</u> <u>Ms.</u> <u>38778</u>	<u>SE</u> 1/4 <u>NW</u> 1/4 Sec <u>14</u> Twn <u>18N</u> Rng <u>3W</u>
City State Zip Code	Distance <u>2</u> Miles <u>SE</u> Direction of <u>Moorhead</u> Nearest Town
Telephone No. ()	

Well Data

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

Date well drilling started: 5-7-07 Date well drilling completed: 5-7-07 GW9719

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

Static Water Level: 48 feet above or below (circle one) land surface Date measured: 5-9-07

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

Hole depth: 125 Well depth: 125 Well grouted to a depth of 10 feet

Type of grout (circle one): Cement Bentonite Mix

Casing length: 85 feet Casing diameter: 16 inches Type of casing: PVC Sch 40

Screen length: 40 feet Screen diameter: 16 inches Type of screen: PVC Sch 40

Screen slot size: .050 inches Setting depth: From 86 feet to 125 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.

Irrigation Equipment Inc.
Patrick M. Chism 0695

Print Name of Water Well Contractor and License No.

Signature of Water Well Contractor

Patrick M. Chism

6W41825

R-225

If well telescopes please sketch below and show depths.

Ground Level

Description of Formations Encountered	From	To
Clay	0	17
Clay	18	27
Clay	28	37
Clay	38	47
Course Sand + Peg Gravel	48	57
Course Sand + Peg Gravel	58	67
Course Sand + Gravel	68	77
Course Sand + Gravel	78	87
Course Sand + Gravel	88	97
Course Sand + Gravel	98	107
Course Sand + Gravel	108	117
Course Sand	118	127

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: Russell Farms Inc.

Patience

Signature of Water Well Contractor

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: Sunflower
 Permit #: QW 41825
 Irrigation Equipment
 Driller:
 Date completed: 5-7-07

For Office Use Only:

Aquifer:
 Well #: B-225
 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.

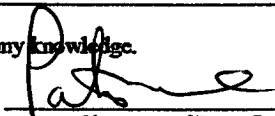
Well Owner Information	Well Location
Owner Name: <u>Russell Farms Inc</u> Mailing Address: <u>25 Russell Lane</u> <u>Sunflower</u> <u>Ms.</u> <u>38778</u> <small>City State Zip Code</small>	Latitude: _____ Longitude: _____ Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS <u>SE</u> $\frac{1}{4}$ <u>NW</u> $\frac{1}{4}$ Sec <u>14</u> Twn <u>18N</u> Rng <u>3W</u> Distance Direction Nearest Town <u>2</u> Miles <u>SE</u> of <u>Moorehead</u>
Telephone No. () _____	

Pump Type Circle one	Power Type Circle one
Air Lift Jet Submersible Bucket Piston Turbine Centrifugal Rotary Flowing Well Other (specify): _____	Diesel Engine Gasoline Engine Natural Gas Electric Motor Hand Tractor PTO Windmill Other (specify): _____ Horse Power Rating of Motor: <u>60</u> Setting Depth: <u>80</u> feet Number of Stages: <u>2</u>
Date Pump Installed: <u>5-9-07</u>	
Rated Pump Capacity: <u>2300\pm</u> Gallons Per Minute	

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

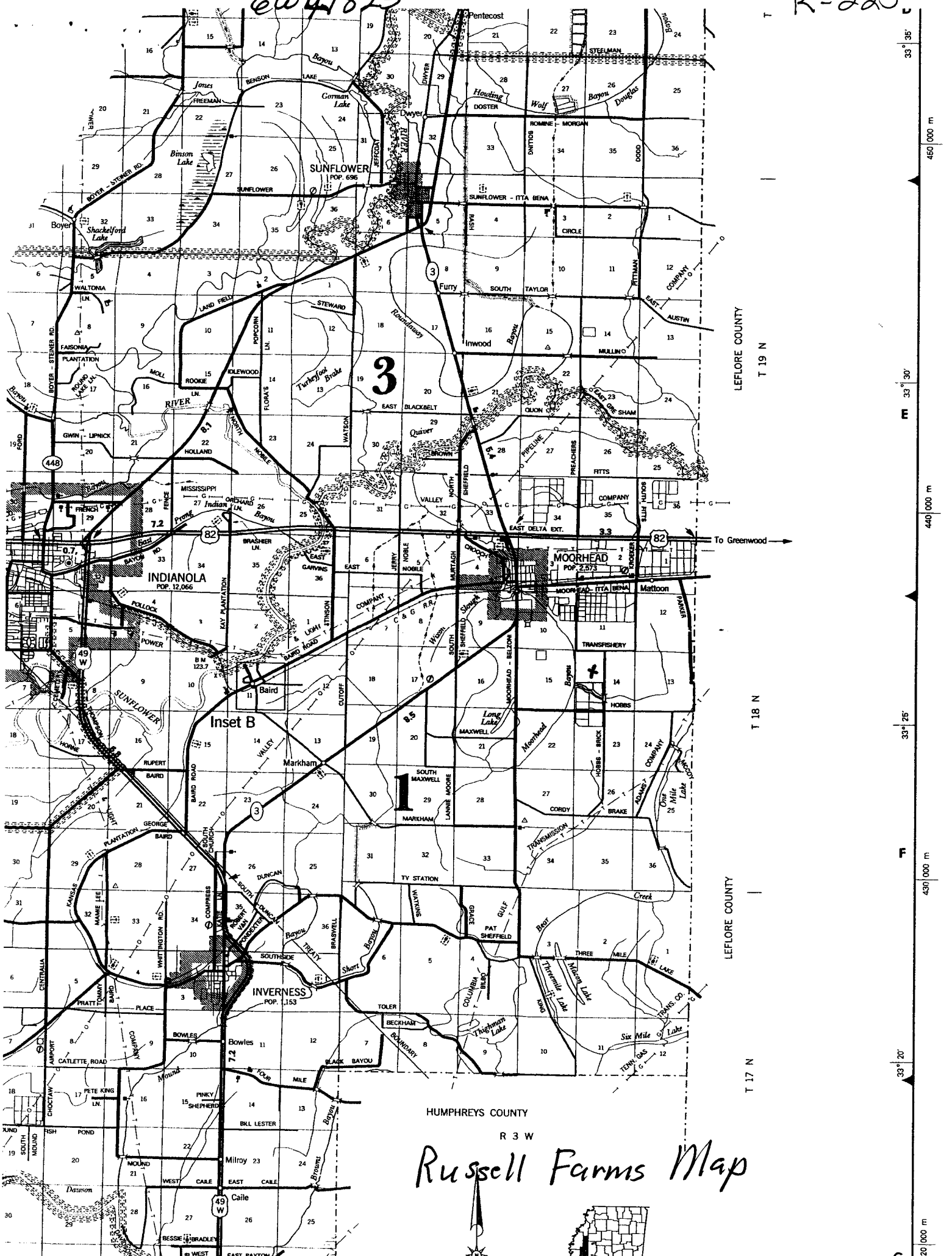
I HEREBY CERTIFY that the above statements are true to the best of my knowledge.

Patrick M. Chism 0695
 Print Name of Pump Installer and License No. (if applicable)


 Signature of Pump Installer

EW 41825

R-225



Inset B

Russell Farms Map



33° 35' 460 000 m

33° 30' 440 000 m

33° 25' 430 000 m

33° 20' 420 000 m

LEFLORE COUNTY

LEFLORE COUNTY

HUMPHREYS COUNTY

R 3 W

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