

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-195
L. S. Elevation:
E-log #:

County: Leflore
Permit #: 02042396
Irrigation Equipment
Driller:
Date drilling completed: 4-25-08

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: Owner Name New Hope Farms, Mailing Address c/o Wayne Bush, 49665 County Rd 559, Schlater Ms. 38952, Telephone No. (662) 658-4650. Well Location: Latitude: 33.41.20.1, Longitude: 90.20.37.6, Method of Lat/Long: Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS, SW 1/4 NE 1/4 Sec 18, Twn 21N, Rng 1W, Distance 3 Miles, Direction N, Nearest Town Schlater.

Well Data: Purpose of Well (circle one) Home Industrial Public Supply Irrigation Fish Culture Other. Date well drilling started: 4-25-08, Date well drilling completed: 4-25-08. If flowing, method of flow regulation: Valve Other (describe). Static Water Level: 36 feet above or below (circle one) land surface, Date measured: 4-29-08. Method of Measurement (circle one) steel tape electric tape air line other. Hole depth: 119, Well depth: 119, Well grouted to a depth of 10 feet. Type of grout (circle one): Cement Bentonite Mix. Casing length: 79 feet, Casing diameter: 16 inches, Type of casing: PVC. Screen length: 40 feet, Screen diameter: 16 inches, Type of screen: PVC. Screen slot size: .050 inches, Setting depth: From 80 feet to 119 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):

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YMD JOINT WATER MANAGEMENT DISTRICT

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. Signature of Water Well Contractor: [Signature]

42396

State Well Report

Part 1

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Office of Land and Water Resources
P.O. Box 10631
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(601)354-6938 (fax)

County: Leflore
Permit #: 60042396
Irrigation Equipment
Driller: _____
Date drilling completed: 4-25-08

For Office Use Only:
Aquifer: _____
Well #: D-195
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>New Hope Farms</u>	Latitude: <u>33° 41' 20.1"</u> Longitude: <u>90° 20' 37.6"</u>
Mailing Address: <u>c/o Wayne Bush</u>	Method of Lat/Long (circle one): <u>20</u> Conventional Survey, <u>37</u>
<u>49665 County Rd 559</u>	USGS quad, Hand-held GPS, Survey-grade GPS
<u>Schlater Ms. 38952</u>	<u>SW 1/4 NE 1/4 Sec 18 Twn 21N Rng 1W</u>
City State Zip Code	Distance Direction Nearest Town
Telephone No. <u>662 658-4650</u>	<u>3</u> Miles <u>N</u> of <u>Schlater</u>

Well Data

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

Date well drilling started: 4-25-08 Date well drilling completed: 4-25-08

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

Static Water Level: 36 feet above or below (circle one) land surface Date measured: 4-29-08

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

Hole depth: 119 Well depth: 119 Well grouted to a depth of 10 feet

Type of grout (circle one): Cement Bentonite Mix

Casing length: 79 feet Casing diameter: 16 inches Type of casing: PVC

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

Screen slot size: .050 inches Setting depth: From 80 feet to 119 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

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BY: OLWR

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D-195

If well telescopes please sketch below and show depths.

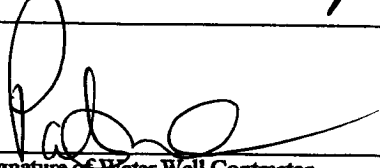
Ground Level

Description of Formations Encountered	From	To
Clay	0	37
Medium Sand	38	57
Course Sand + Gravel	58	67
Fine Sand	68	77
Course Sand + Gravel	78	97
Course Sand + Gravel	98	119

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: New Hope Farms


 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: Leflore
 Permit #: 66422516
Irrigation Equipment
 Driller: _____
 Date completed: 4-25-08

For Office Use Only:

Aquifer: _____
 Well #: D-195
 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.

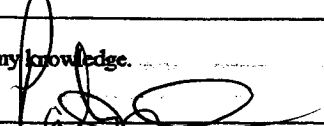
Well Owner Information	Well Location
Owner Name: <u>New Hope Farms</u> Mailing Address: <u>40 Wayne Bush</u> <u>49665 County Rd. 559</u> <u>Schlater Ms. 38952</u> <small>City State Zip Code</small> Telephone No. <u>662) 658-4650</u>	Latitude: _____ Longitude: _____ Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS <u>SW 1/4 NE 1/4 Sec 18 Twn 21N Rng 1W</u> Distance Direction Nearest Town <u>3 Miles N of Schlater</u>

Pump Type Circle one	Power Type Circle one
Air Lift Jet Submersible Bucket Piston <u>Turbine</u> Centrifugal Rotary Flowing Well Other (specify): _____ Date Pump Installed: <u>4-29-08</u> Rated Pump Capacity: <u>2800⁺</u> Gallons Per Minute	<u>Diesel Engine</u> Gasoline Engine Natural Gas Electric Motor Hand Tractor PTO Windmill Other (specify): _____ Horse Power Rating of Motor: <u>60</u> Setting Depth: <u>70</u> feet Number of Stages: <u>1</u>

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

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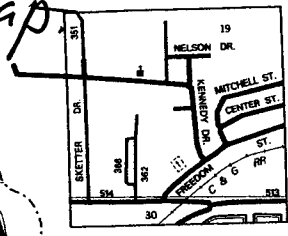
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BY: OLWR

New Hope Farms Map

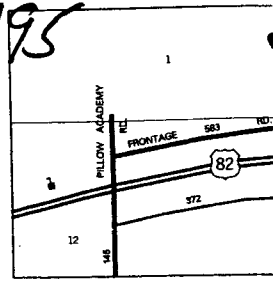
TALLAHATCHIE COUNTY

66-42396

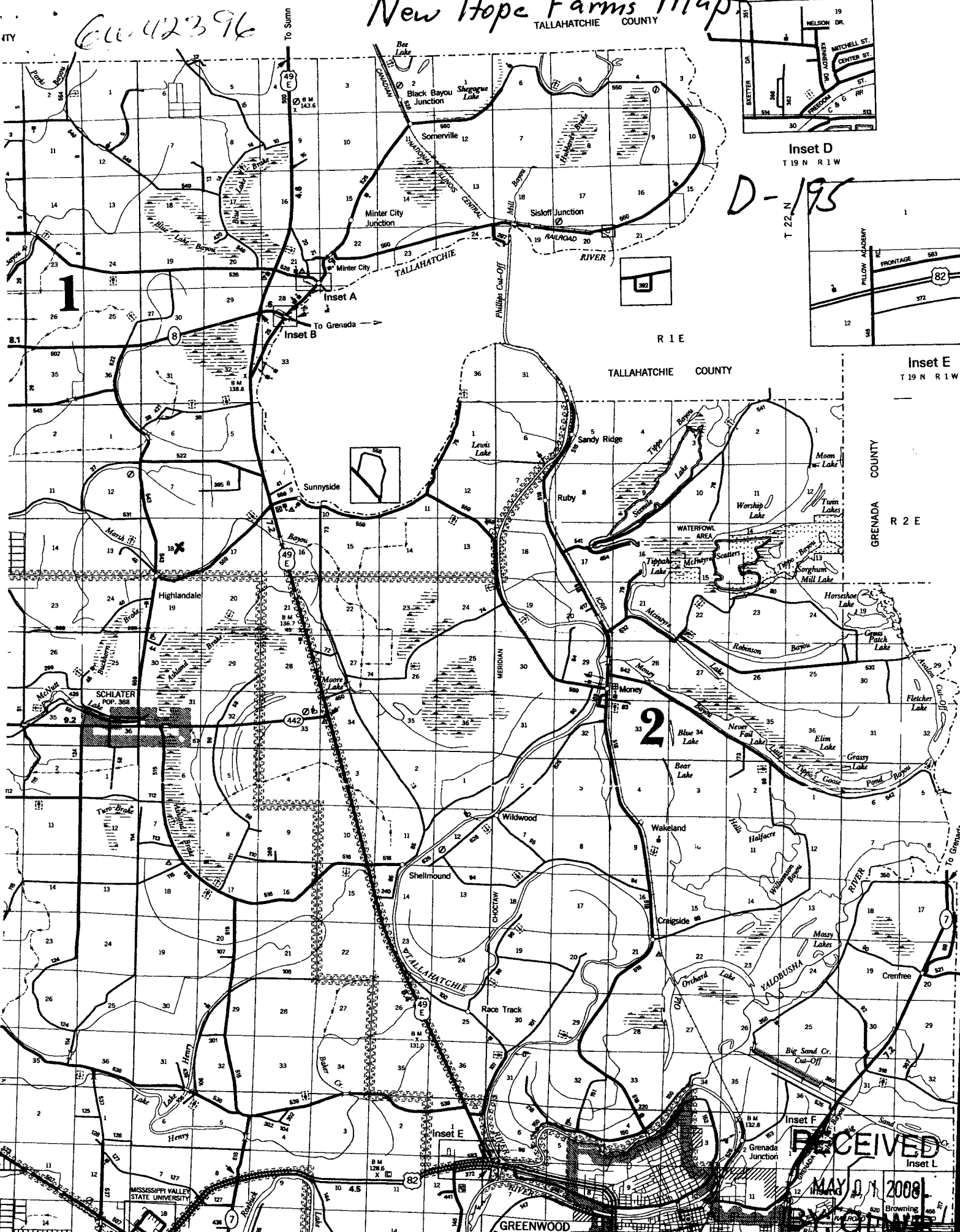


Inset D
T 19 N R 1 W

D-195



Inset E
T 19 N R 1 W



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GREENWOOD
POP. 18,425

MISSISSIPPI VALLEY
STATE UNIVERSITY