

State Well Report

Part I

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-411
L. S. Elevation: _____
E-log #: _____

County: Tunica
Permit #: 41526
Irrigation Equipment
Driller: _____
Date drilling completed: 2-8-07

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>Mattson Farms</u> | Latitude: <u>34 33 15.6N</u> Longitude: <u>90 24 04.8W</u> |
| Mailing Address: <u>Box 69</u> | Method of Lat/Long (circle one): <u>Conventional Survey</u> |
| <u>Dublin MS 38739</u> | USGS quad, Hand-held GPS, Survey-grade GPS |
| City State Zip Code | SE 1/4 SW 1/4 Sec <u>18</u> Twn <u>6S</u> Rng <u>10W</u> |
| Telephone No. () _____ | Distance <u>7</u> Miles <u>South</u> of <u>Tunica</u> |

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Well Data

Purpose of Well (circle one) Home Industrial Public Supply Irrigation Fish Culture Other: _____
Date well drilling started: 2-8-07 Date well drilling completed: 2-8-07

If flowing, method of flow regulation: Valve _____ Other (describe) _____
Static Water Level: _____ feet above or below (circle one) land surface Date measured: _____

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

Hole depth: 117 Well depth: 117 Well grouted to a depth of 10 feet

Type of grout (circle one): Cement Bentonite Mix

Casing length: 77 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 78 feet to 117 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

YMD JOINT WATER MANAGEMENT DISTRICT

Ref # 41526

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)

County: Tunica
Permit #: GW 41526
Irrigation Equipment
Driller: _____
Date drilling completed: 2-8-07

For Office Use Only:
Aquifer: _____
Well #: K-41
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>Mattson Farms</u> | Latitude: <u>34 33 15.6N</u> Longitude: <u>90 24 04.8W</u> |
| Mailing Address: <u>Box 69</u> | Method of Lat/Long (circle one): <u>Conventional Survey</u> |
| <u>Dublin MS 38739</u> | USGS quad, Hand-held GPS, Survey-grade GPS |
| City State Zip Code | <u>SE 1/4 SW 1/4 Sec 18 Twn 6S Rng 11W</u> |
| Telephone No. () _____ | Distance <u>7</u> Miles Direction <u>South</u> of Nearest Town <u>Tunica</u> |

Well Data

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

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

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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

Patrick M. Chism
Signature of Water Well Contractor

Print Name of Water Well Contractor and License No.

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BY: OLWR

If well telescopes please sketch below and show depths.

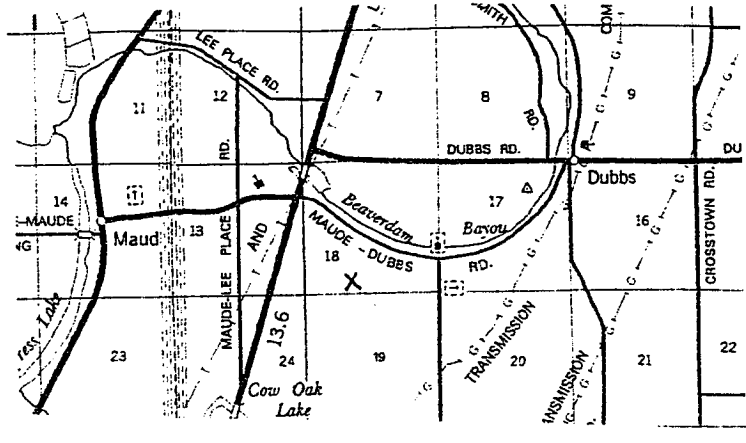
K-

Ground Level

| Description of Formations Encountered | From | To |
|---------------------------------------|------|-----|
| Clay | 0 | 34 |
| Fine Sand/gravel | 35 | 55 |
| Med. Sand/gravel | 56 | 117 |
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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: _____

Pat M. Ch
 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: Tunica
 Permit #: GW41526
Irrigation Equipment
 Driller: _____
 Date completed: 2-8-07

For Office Use Only:

Aquifer: _____
 Well #: K-41
 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>Mattson Farms</u> Mailing Address: <u>Box 69</u> _____ <u>Dublin, MS 38739</u> City State Zip Code Telephone No. () _____ | Latitude: _____ Longitude: _____ Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS <u>SE</u> ¼ <u>SW</u> ¼ Sec <u>18</u> Twn <u>6S</u> Rng <u>11W</u> Distance Direction Nearest Town <u>7</u> Miles <u>South</u> of <u>Tunica</u> |

| Pump Type Circle one | Power Type Circle one |
|---|---|
| Air Lift Jet <input type="radio"/> <u>Submersible</u> Bucket Piston <input type="radio"/> <u>Turbine</u> Centrifugal Rotary <input type="radio"/> Flowing Well <input type="radio"/> Other (specify): _____ Date Pump Installed: _____ Rated Pump Capacity: <u>2300</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>2</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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 MAR 12 2007
 BY: OLWR