

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 #: F-201
L. S. Elevation: _____
E-log #: _____

County: Bolivar
Permit #: GW40129
Irrigation Equipment
Driller: _____
Date drilling completed: 4-20-05

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>E.M. Farms</u> | Latitude: <u>33.48.41N</u> , Longitude: <u>90.53.57W</u> |
| Mailing Address: <u>243 Yale Ext.</u> | Method of Lat/Long (circle one): <u>Conventional Survey</u> |
| <u>Cleveland, MS 38732</u> | USGS quad, Hand-held GPS, Survey-grade GPS |
| City State Zip Code | <u>NE 1/4</u> <u>NW 1/4</u> Sec <u>27</u> Twn <u>23N</u> Rng <u>7W</u> |
| Telephone No. (<u>662-846-7656</u>) | <u>NW</u> <u>SW</u> Direction <u>26</u> Distance <u>4</u> Miles <u>NW</u> of <u>Pace</u> Nearest Town |

Well Data

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

Date well drilling started: 4-20-05 Date well drilling completed: 4-20-05

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

Static Water Level: 39' feet above or below (circle one) land surface Date measured: 4-23-05

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

Hole depth: 116' Well depth: 116' Well grouted to a depth of 10 feet

Type of grout (circle one): Cement Bentonite Mix

Casing length: 76 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 See Back feet to _____ 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

Patrick M. Chism
Signature of Water Well Contractor

Print Name of Water Well Contractor and License No.

If well telescopes please sketch below and show depths.

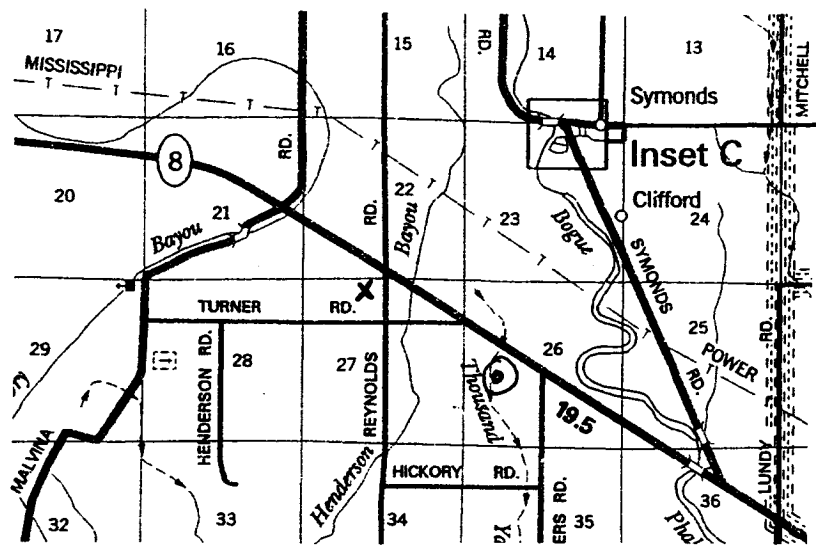
F-201

Ground Level

| Description of Formations Encountered | From | To |
|---------------------------------------|--------|-----|
| Clay | 0 | 21 |
| Fine Sand | 22 | 44 |
| Fine Sand/gravel | 45 | 53 |
| Med. Sand/gravel | 54 | 75 |
| Fine Sand | 76 | 84 |
| Med. Sand/gravel | 85 | 116 |
| | | |
| | | |
| Screen | 85-116 | |
| Screen | 68-75 | |
| | | |
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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: _____

Patrick M. Chan

 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: Bolivar
 Permit # GW 40129
 Driller: Irrigation Equipment
 Date completed: 4-23-05

For Office Use Only:

Aquifer: _____
 Well #: F-201
 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>E.M. Farms</u> | Latitude: _____ Longitude: _____ |
| Mailing Address: <u>243 Yale Ext.</u> | Method of Lat/Long (circle one): <input type="checkbox"/> Conventional Survey, |
| <u>Cleveland, MS 38732</u> | <input type="checkbox"/> USGS quad, <input type="checkbox"/> Hand-held GPS, <input type="checkbox"/> Survey-grade GPS |
| City State Zip Code | <u>NE ¼ NW ¼ Sec 27 Twn 23N Rng 7W</u> |
| Telephone No. (<u>662</u>)- <u>846-7656</u> | Distance Direction Nearest Town |
| | <u>4 Miles NW of Pace</u> |

| Pump Type Circle one | Power Type Circle one |
|--|--|
| Air Lift Jet Submersible | <input checked="" type="radio"/> Diesel Engine Gasoline Engine Natural Gas |
| Bucket Piston <input checked="" type="radio"/> Turbine | Electric Motor Hand Tractor PTO |
| Centrifugal Rotary Flowing Well | Windmill Other (specify): _____ |
| Other (specify): _____ | Horse Power Rating of Motor: <u>60</u> |
| Date Pump Installed: <u>4-23-05</u> | Setting Depth: <u>70</u> feet |
| Rated Pump Capacity: <u>2500-3000</u> Gallons Per Minute | Number of Stages: <u>1</u> |

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

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

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