

### State Well Report

#### Part 1 - Driller's Log

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 #: Q18  
 L. S. Elevation: \_\_\_\_\_  
 E-log #: \_\_\_\_\_

County: Jefferson  
 Permit #: \_\_\_\_\_  
 Driller: LARRY Easley  
 Date drilling completed: 9-30-11

State Law requires that this report be prepared by the license holder responsible for the work and filed with the Department at the above address within 30 days of completion of drilling of the well or borehole.

Information on Well Owner (Landowner if borehole is not for a water well) Owner Name: <u>Mike's FARM</u> Mailing Address: <u>984 UNION CHURCH RD</u> <u>UNION CHURCH MISS</u> 39668 City State Zip Code Telephone No. ( ) _____		Well or Borehole Location Latitude: <u>31.40.21</u> Longitude: <u>90.48.44</u> Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS <u>SW</u> $\frac{1}{4}$ <u>SE</u> $\frac{1}{4}$ Sec. <u>9</u> Twn <u>8N</u> Rng <u>4E</u> Distance Direction Nearest Town <u>4</u> Miles <u>SW</u> of <u>Union Church</u>
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Well / Borehole Data

Date drilling started: 9-28 Date drilling completed: 9-30 Hole depth: 600 Hole diameter: 7 7/8"

Location of the source of any surface water used for drilling: Well

Method of dosing and volume of Chlorine used in drilling and development: 1 gallon per 3000

Logs run (circle all applicable): No log run Electric Gamma Ray Density Sonic Neutron Other: \_\_\_\_\_

Name of organization running log(s): \_\_\_\_\_

Purpose of borehole (check one): Water Well  Geotechnical/Geological Investigation \_\_\_\_\_ Ground Source Heat Pump \_\_\_\_\_

Seismic Survey \_\_\_\_\_ Other (describe) \_\_\_\_\_

*If drilling is not related to water well construction, skip the remainder of this block*

Purpose of Well (check one): Home  Industrial \_\_\_\_\_ Public Supply \_\_\_\_\_ Irrigation \_\_\_\_\_ Fish Culture \_\_\_\_\_ Other \_\_\_\_\_

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

Static Water Level: 356 feet above or below (circle one) land surface Date measured: 9-30-11

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

Well depth: 580 Well grouted to a depth of 10 feet Type of grout (circle one): Nat Cement Bentonite Mix

Casing length: 520 feet Casing diameter: 4 inches Type of casing: PVC

Screen length: 60 feet Screen diameter: 4 inches Type of screen: PVC

Screen slot size: 006 inches Setting depth: From 440, 540 feet to 440, 580 feet

Type of completion (circle all applicable): Gravel packed Underreamed Telescoped Open hole Natural Development

Other (describe): \_\_\_\_\_

Top of log pipe or reduction in casing: \_\_\_\_\_ feet *If telescoped or more than one screen, describe on next page*



### 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)

For Office Use Only:

Aquifer: \_\_\_\_\_

Well #: Q18

Elevation: \_\_\_\_\_

County: Jefferson

Permit #: \_\_\_\_\_

Driller: LARRY Easley

Date completed: 9-30-11

*Copy information from block on Part 1.*

*This part of the report must be completed by a licensed water well contractor or a licensed pump installer. A copy of Part 1 of the report must be attached and both parts filed with the Department at the above address within 30 days of well completion.*

Well Owner Information

Owner Name: Miko's Farm

Mailing Address: 984 Union Church RD  
Union Church MS 39168  
City State Zip Code

Telephone No. ( ) \_\_\_\_\_

Well Location

Latitude: \_\_\_\_\_ Longitude: \_\_\_\_\_

Method of Lat/Long (check one): Conventional Survey \_\_\_\_\_  
USGS quad \_\_\_\_\_ Hand-held GPS \_\_\_\_\_ Survey-grade GPS \_\_\_\_\_

\_\_\_\_\_ 1/4 \_\_\_\_\_ 1/4 Sec 9 T 8NR 4E

Distance Direction Nearest Town  
4 Miles SW of Union Church

Pump Type  
Circle one

Air Lift Jet  Submersible

Bucket Piston Turbine

Centrifugal Rotary Flowing Well

Other (specify): \_\_\_\_\_

Date Pump Installed: 9-30-11

Rated Pump Capacity: 40 Gallons Per Minute

Power Type  
Circle one

Diesel Engine Gasoline Engine Natural Gas

Electric Motor Hand Tractor PTO

Windmill Other (specify): \_\_\_\_\_

Horse Power Rating of Motor: 5

Setting Depth: 399 feet

Number of Stages: 29

Pump Test Data

Date Well Tested: 9-31-11

Static Water Level (A): 356 Feet Below Land Surface

Pumping Water Level (B): 370 Feet Below Land Surface

Drawdown [(B) - (A)]: 14 Feet Below Land Surface

Test Pumping Rate: 40 Gallons Per Minute

Duration of Pump Test (minimum 4 hours): 4 hours

Method of Measuring Water Level  
Circle one

Air Line Electric Measuring Line  Steel Tape

Other (specify): \_\_\_\_\_

For flowing well, measured shut in head: \_\_\_\_\_ feet

Well yielded 40 GPM with a drawdown of  
14 feet after 4 hours of pumping

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

LARRY Easley 510 Larry Easley  
Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer

Form: OLWR-SWR-1B