

STATE WELL REPORT

Part 1

Driller's Log

Mississippi Department of Environmental Quality
Office of Land and Water Resources
P.O. Box 2309
Jackson, MS 39225-2309
(601)961-5210
(601)360-0535 (fax)

For Office Use Only:

Well #: K132
Aquifer: _____
E-Log #: _____

County: George
Permit #: _____
Driller: Michael S. Howard
Date drilling completed: 2-29-2016

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.

Well Owner Information <small>(Landowner if borehole is not for a water well)</small>	Well or Borehole Location
Owner Name: <u>Embanks Produce (16013)</u>	Latitude: <u>30°47'41.92"N</u> Longitude: <u>89°39'11.17"W</u>
Mailing Address: <u>331 Produce Road</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>Lucedale</u>	USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
City State Zip Code	<u>S2W ¼ S2W ¼, Sec 11 T35 R9W</u>
Telephone No. <u>(601) 947-9661</u>	<u>9.7</u> Miles <u>SW</u> of <u>Lucedale</u>
	(Distance) (Direction) (Nearest Town)

Well / Borehole Data
Date drilling started: <u>2-28-2016</u> Date drilling completed: <u>2-29-2016</u> Hole depth: <u>200'</u> Hole diameter: <u>7.5"</u>
Location of the source of any surface water used for drilling: _____
Method of dosing and volume of Chlorine used in drilling and development: _____
Logs run (circle all applicable): <input checked="" type="checkbox"/> <u>no log run</u> <input type="checkbox"/> Electric <input type="checkbox"/> Gamma Ray <input type="checkbox"/> Density <input type="checkbox"/> Sonic <input type="checkbox"/> Neutron <input type="checkbox"/> Other: _____
Name of organization running log(s): _____
Purpose of borehole (circle one): <input checked="" type="checkbox"/> <u>Water Well</u> <input type="checkbox"/> Geotechnical/Geological Investigation <input type="checkbox"/> Ground Source Heat Pump
<input type="checkbox"/> Seismic Survey <input type="checkbox"/> Other (describe) _____
<i>If drilling is not related to water well construction, skip the remainder of this block</i>
Purpose of Well (circle all applicable): Home <input type="checkbox"/> Industrial <input type="checkbox"/> Public Supply <input checked="" type="checkbox"/> <u>Irrigation</u> <input type="checkbox"/> Fish Culture
Other (describe): _____
If a flowing well, method of flow regulation: Valve _____ Other (describe) _____
Static Water Level: <u>89'</u> feet [above or <input checked="" type="checkbox"/> <u>below</u>] land surface Date measured: <u>3-01-2016</u>
(circle one)
Method of measurement (circle one): <input checked="" type="checkbox"/> <u>Steel tape</u> <input type="checkbox"/> Electric tape <input type="checkbox"/> Air line <input type="checkbox"/> Other (describe): _____
Well depth: <u>200'</u> Well grouted to a depth of: <u>12'</u> feet Type of grout (circle one): Neat Cement <input type="checkbox"/> Bentonite <input checked="" type="checkbox"/> <u>Mix</u>
Casing length: <u>180'</u> feet Casing diameter: <u>4"</u> inches Type of casing: <u>PVC 540 BE</u>
Screen length: <u>20'</u> feet Screen diameter: <u>4"</u> inches Type of screen: <u>PVC WOP</u>
Screen slot size: <u>.010</u> inches Setting depth: From <u>180'</u> feet to <u>200'</u> feet
Type of completion (circle all applicable): <input checked="" type="checkbox"/> <u>Gravel packed</u> <input type="checkbox"/> Underreamed <input type="checkbox"/> Open hole <input type="checkbox"/> Natural Development
Other (describe): _____
Top of lap pipe or reduction in casing: _____ feet
<i>If telescoped or more than one screen, describe on next page</i>

County: George

Permit #: _____

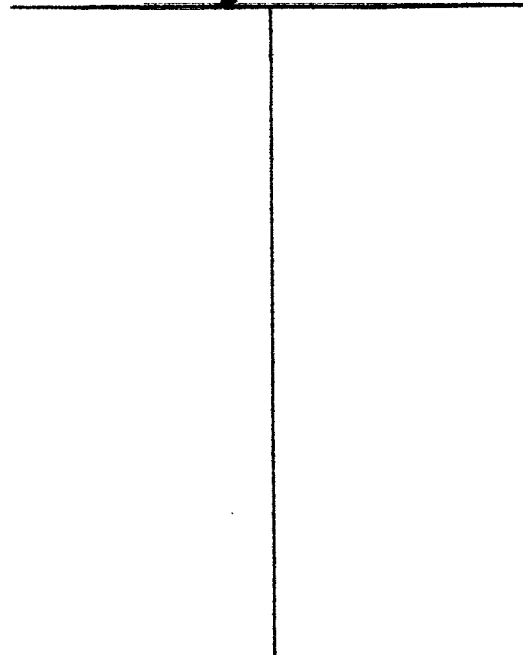
For Office Use Only:

Well #: 4132

The sketch below only required for water wells

If well telescopes, show depths on sketch.

Ground Level →



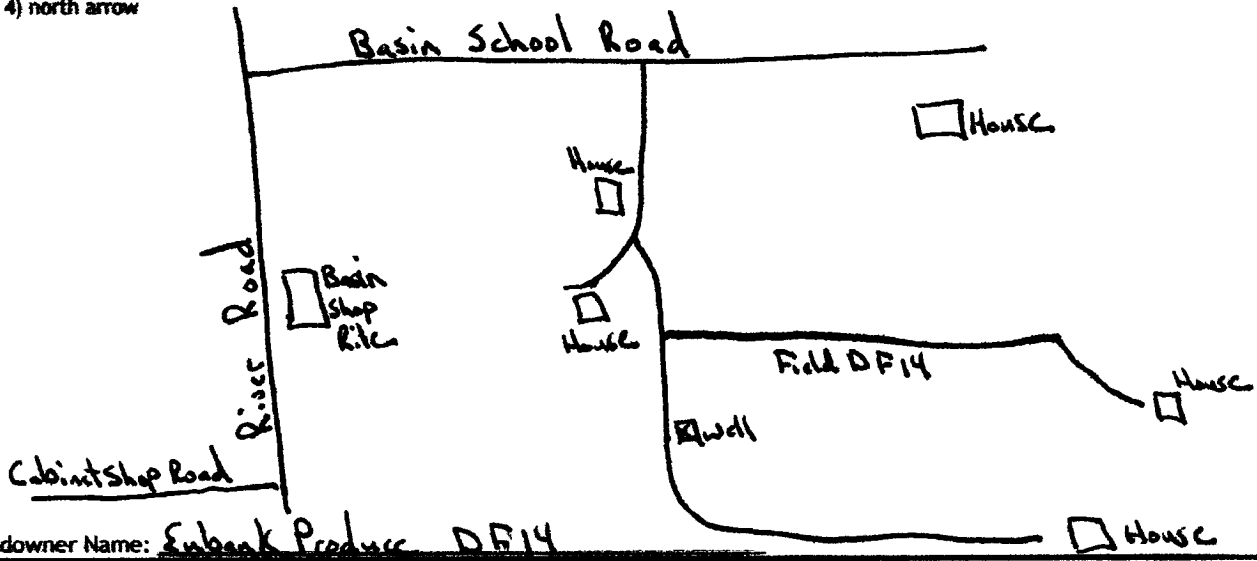
Description of formations encountered must be provided for all wells and boreholes, unless specifically exempted by regulations

Description of Formations Encountered	From (depth)	To (depth)
Topsand	Ground level	6'
Sand	6'	18'
Sand	18'	52'
Clay	52'	135'
Sand	135'	142'
Clay	142'	165'
Sand/Clay	165'	175'
Sand	175'	200'

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) north arrow



Landowner Name: Embark Produce DF14

I HEREBY CERTIFY that the well/borehole was drilled, constructed, and completed in accordance with all applicable requirements of the Mississippi Department of Environmental Quality and the Mississippi Department of Health regulations, if applicable, and state laws.

Michael S. Harvard 0-673
Print Name of Responsible Licensee and License No.

3-26-2016
Date

[Signature]
Signature of Licensee

STATE WELL REPORT

Part 2

Pump Installer's Completion Report
 Mississippi Department of Environmental Quality
 Office of Land and Water Resources
 P.O. Box 2309
 Jackson, MS 39225-2309
 (601)961-5210
 (601) 360-0535 (fax)

County: George
 Permit #: _____
 Driller: Michael S. Harvard
 Date completed: 3-30-2016
Copy information from block on Part 1

For Office Use Only:

Well #: K132
 Aquifer: _____

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	Well Location
Owner Name: <u>Subanks Produce (DF14)</u>	Latitude: <u>36°49'41.92" N</u> Longitude: <u>88°39'16.17" W</u>
Mailing Address: <u>331 Produce Road</u>	Method of Lat/Long (check one): Conventional Survey _____, USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
<u>Lucedale</u> MS <u>39452</u>	_____ 1/4 _____ 1/4, Sec <u>11</u> T <u>T3S</u> R <u>R9W</u>
City State Zip Code	<u>9.7</u> Miles <u>SW</u> of <u>Lucedale</u>
Telephone No. (601) <u>947-9661</u>	(Distance) (Direction) (Nearest Town)

Pump Type (circle one)

Submersible Turbine Air Lift Centrifugal Flowing Well Jet Piston Rotary Other (describe): _____

Date Pump Installed: 3-30-2016 Rated Pump Capacity: 85 Gallons Per Minute

Is This Pump (circle one): New Repaired Replacement

Power Type (circle one)

Electric Diesel Gasoline Natural Gas Tractor PTO Windmill Other (describe): _____

Horse Power Rating of Motor: 5 Setting Depth: 147 feet Number of Stages: 14

Pump Test Data for Non Flowing Well

Date Well Tested: 3-01-2016 Duration of Pump Test (minimum 4 hours): 4.5 hours

Static Water Level (A): 89' Feet Below Land Surface Pumping Water Level (B): 115' Feet Below Land Surface

Drawdown ((B) - (A)): 26' Feet Below Land Surface Test Pumping Rate: 73 Gallons Per Minute

Method of measurement (circle one): Steel tape Electric tape Air line Other (describe): _____

Pump Test Data for Flowing Well

Measured shut in head: _____ feet.

Well yielded _____ GPM with a drawdown of _____ feet after _____ hours of pumping

Meter Installation

Meter Manufacturer: _____ Meter Serial Number: _____

Meter Model Number/Name: _____ Type of Meter: _____

Totalizer Register Unit and Multiplier Factor (AF x .001, gal x 1000, etc): _____

Installation Date: _____ Meter installed by: _____

Is This Meter (circle one): New Repaired Replacement

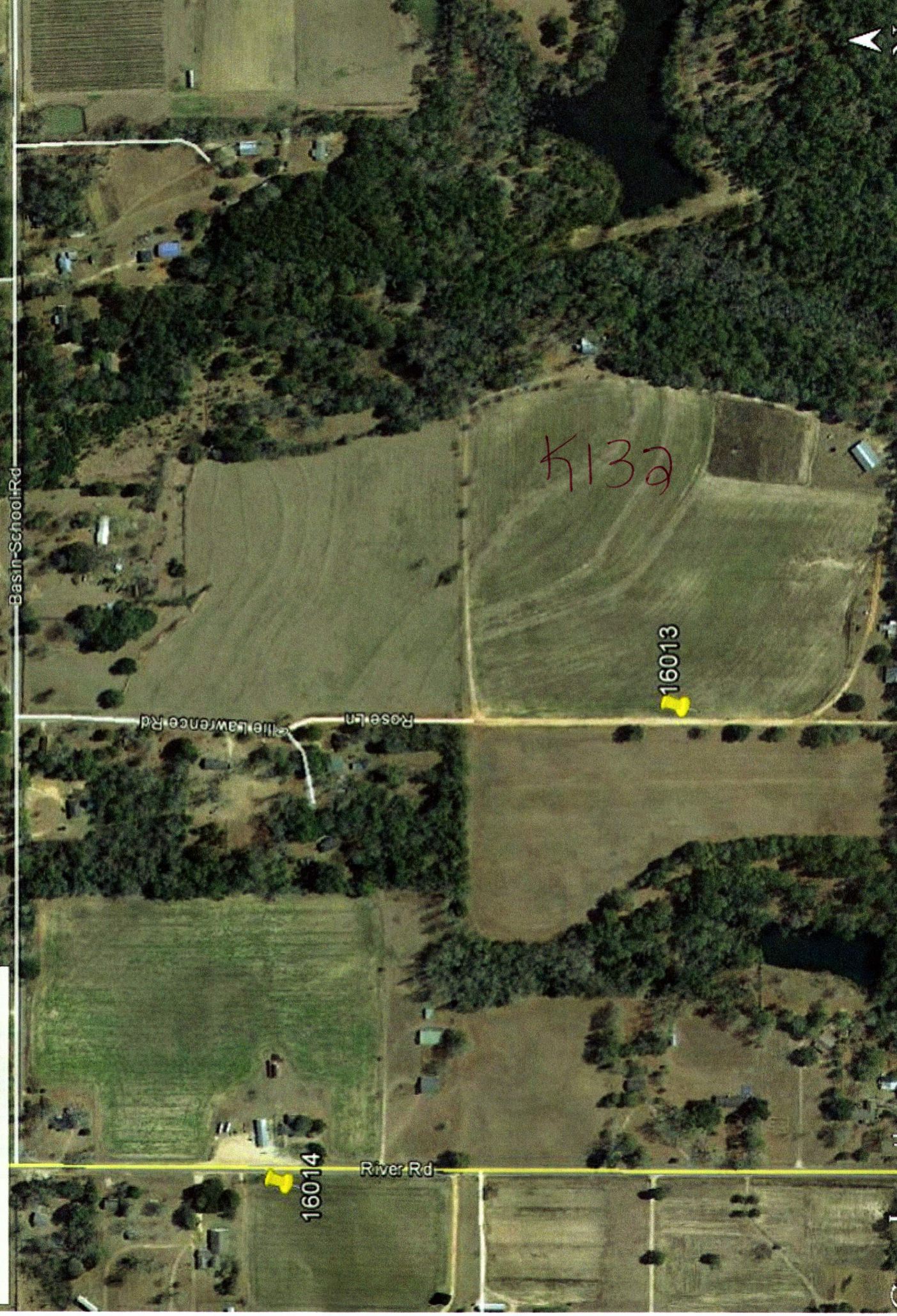
Important: By submitting the above information you are certifying that this meter was installed to manufacturer standards. For agricultural wells, a list of approved meters is on the MDEQ website.

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

Michael S. Harvard 0-673 4-01-2016 [Signature]
 Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer

Feature ↑

FIELD # DF14
WELL DEPTH 200'
PUMP DEPTH 147'



Basin-School Rd

Rose Ln
Kille Lawrence Rd

River Rd

K13a

16013

16014

