

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)961-5555
(601)961-5228 (fax)

For Office Use Only:

Well #: E86
Aquifer: _____
E-Log #: _____

County: Quitman
Permit #: _____
Driller: W. Bryant
Date drilling completed: 12-10-17

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>Jim Cassidy</u>	Latitude: <u>38° 19.76' N</u> Longitude: <u>090° 10.57' W</u>
Mailing Address: <u>Cassidy Farm</u> <u>700 Peyton Circle</u>	Method of Lat/Long (check one): Conventional Survey _____ USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
Marks: <u>ms</u> State <u>MS</u> Zip Code <u>38646</u>	SW $\frac{1}{4}$ NW $\frac{1}{4}$, Sec. <u>2</u> T <u>28</u> N R <u>10</u> W <u>1W</u>
City _____	<u>5</u> Miles <u>N</u> of <u>Marks MS</u>
Telephone No. <u>(662) 444-2011</u>	(Distance) (Direction) (Nearest Town)

Well / Borehole Data
Date drilling started: <u>12-10-17</u> Date drilling completed: <u>12-10-17</u> Hole depth: <u>104</u> Hole diameter: <u>7 1/4"</u>
Location of the source of any surface water used for drilling: <u>Nearby ditch</u>
Method of dosing and volume of Chlorine used in drilling and development: <u>Chlorine tablets</u>
Logs run (check all applicable): <input type="checkbox"/> log run <input type="checkbox"/> Electric <input type="checkbox"/> Gamma Ray <input type="checkbox"/> Density <input type="checkbox"/> Sonic <input type="checkbox"/> Neutron Other: <u>-0-</u>
Name of organization running log(s): _____
Purpose of borehole (check one): Water Well <input checked="" type="checkbox"/> Geotechnical/Geological Investigation <input type="checkbox"/> Ground Source Heat Pump <input type="checkbox"/> Seismic Survey Other (describe) _____
<i>If drilling is not related to water well construction, skip the remainder of this block</i>
Purpose of Well (check all applicable): <input type="checkbox"/> Home <input type="checkbox"/> Industrial <input type="checkbox"/> Public Supply <input type="checkbox"/> Irrigation <input type="checkbox"/> Fish Culture
Other (describe): <u>Filling chemical tanks + washing equipment</u>
If a flowing well, method of flow regulation: Valve _____ Other (describe) _____
Static Water Level: <u>20'</u> feet <input type="checkbox"/> above or <input checked="" type="checkbox"/> below land surface Date measured: <u>12-10-17</u> <small>(check one)</small>
Method of measurement (check one) <input type="checkbox"/> Steel tape <input type="checkbox"/> Electric tape <input type="checkbox"/> Air line <input type="checkbox"/> Other (describe): <u>water level meter</u>
Well depth: <u>104</u> Well grouted to a depth of: <u>12</u> feet Type of grout (check one) <input type="checkbox"/> Neat Cement <input checked="" type="checkbox"/> Bentonite <input type="checkbox"/> Mix
Casing length: <u>84</u> feet Casing diameter: <u>4</u> inches Type of casing: <u>SCH 40 PVC</u>
Screen length: <u>20</u> feet Screen diameter: <u>4</u> inches Type of screen: <u>PVC slotted</u>
Screen slot size: <u>.013</u> inches Setting depth: From <u>84</u> feet to <u>104</u> feet
Type of completion (check all applicable) <input checked="" type="checkbox"/> gravel packed <input type="checkbox"/> Underreamed <input type="checkbox"/> Open hole <input type="checkbox"/> Natural Development
Other (describe): _____
Top of lap pipe or reduction in casing: <u>-0-</u> feet

If telescoped or more than one screen, describe on next page

JAN 18 2018

BY OLWR

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)

For Office Use Only:

Well #: ESK

Aquifer: _____

County: Quitman
 Permit #: _____
 Driller: W. Bryant
 Date completed: 12-16-17
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	Well Location
Owner Name: <u>Jim Cassidy</u>	Latitude: <u>34°19.76'N</u> Longitude: <u>090°16.57'W</u>
Mailing Address: <u>Cassidy Farm</u> <u>700 Peyton Circle</u>	Method of Lat/Long (check one): Conventional Survey _____, USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
<u>Marks</u> City <u>MS</u> State <u>38646</u> Zip Code	<u>SW 1/4 NW 1/4, Sec 32 T 9S R 10W</u>
Telephone No. <u>(662) 444-2011</u>	<u>5</u> Miles <u>N</u> of <u>Marks MS</u> (Distance) (Direction) (Nearest Town)

Pump Type (check one)

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

Date Pump Installed: 12-16-17 Rated Pump Capacity: 45 Gallons Per Minute

Is This Pump (check one): New Repaired Replacement

Power Type (check one)

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

Horse Power Rating of Motor: 2 Setting Depth: 63" feet Number of Stages: 8

Pump Test Data for Non Flowing Well

Date Well Tested: 12-16-17 Duration of Pump Test (minimum 4 hours): 4 hours

Static Water Level (A): 20 Feet Below Land Surface Pumping Water Level (B): 23 Feet Below Land Surface

Drawdown [(B) - (A)]: 3 Feet Below Land Surface Test Pumping Rate: 51 Gallons Per Minute

Method of measurement (check one): Steel tape Electric tape Air line Other (describe): water level meter

Pump Test Data for Flowing Well

Measured shut in head: _____ feet.

Well yielded 51 GPM with a drawdown of 3 feet after 4 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 (check 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.

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

Willie L. Bryant 0-639 1-15-18 Willie L. Bryant
 Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer



Untitled Map
Jim Cassidy
Write a description for your map.

Untitled Placemark

Google Earth

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Legend

-  Essex
-  Untitled Placemark

Essex

500 ft

