

County: Quitman
 Permit #: GW-48480
 Driller: TEDDY COOKS
 Date drilling completed: 8-10-14

State Well Report
 Part I - Driller's Log
 Mississippi Department of Environmental Quality
 Office of Land and Water Resources
 P.O. Box 2309
 Jackson, MS 39226
 (601)961-5210
 (601)961-5228 (fax)

For Office Use Only:
 Aquifer: _____
 Well #: C-100
 E.S. Elevation: _____
 E-log #: _____

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)	Well or Borehole Location
Owner Name: <u>C.D. Long, Jr.</u>	Latitude: <u>34° 24' 36"</u> Longitude: <u>90° 14' 38"</u>
Mailing Address: _____	Method of Lat/Long (circle one): Conventional Survey, _____
<u>PO Box 575</u>	USGS quad: Hand-held GPS, Survey-grade GPS
<u>Rosade, MS, 38769</u>	<u>SE</u> 1/4 <u>SW</u> 1/4 Sec <u>03</u> Twn <u>08S</u> Rng <u>10W</u>
Telephone No.: _____	Distance: <u>2.2</u> Miles Direction: <u>SNE</u> of Nearest Town: <u>Stacy</u>

Well / Borehole Data

Date drilling started: 8-10-14 Date drilling completed: 8-10-14 Hole depth: 115 Hole diameter: 26

Location of the source of any surface water used for drilling: nearest well

Method of dosing and volume of Chlorine used in drilling and development: _____

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: 20 feet above or below (circle one) land surface Date measured: 8-10-14

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

Well depth: 115 Well grouted to a depth of 10 feet Type of grout (circle one): Neat Cement bentonite Mix

Casing length: 75 feet Casing diameter: 16 inches Type of casing: P.V.C

Screen length: 40 feet Screen diameter: 16 inches Type of screen: P.V.C

Screen slot size: 050 inches Setting depth: From 0 feet to 70 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 next page*

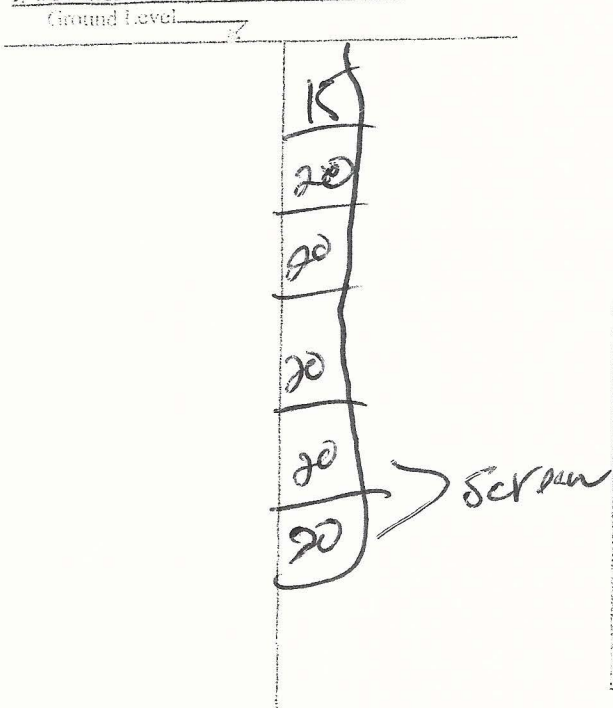
Form: OLWR-SWR-1A (04/08)

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 DEPT. OF ENVIRONMENTAL QUALITY

The sketch below only required for water wells

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

If well telescopes, show depths on sketch



Description of Formations Encountered	From (depth)	To (depth)
	Ground Level	10
pit	10	20
dir	20	40
	40	60
Cours Sed	60	80
Cow Sed	80	100
Crackll	100	115

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) a north arrow.

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BY OLWA

Landowner Name: C. D. Long, Jr.

Form: OLWR-SWR-1A (04/08)

I 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.

TERRY LOTS 5318 8-10-14 Terry Lots
 Print Name of Responsible Licensee and License No. Date 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)

For Office Use Only:

Well #: C100

Aquifer: _____

County: QUITMAN
 Permit #: GW-48480 ✓
 Driller: JOLTED WELL SERVICES
 Date completed: 8-10-14
 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>CLIFF LONG, INC</u>	Latitude: <u>34°24'36"</u> Longitude: <u>90°14'38"</u>
Mailing Address: <u>P.O. BOX 575</u>	Method of Lat/Long (check one): Conventional Survey _____, USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
<u>ROSEDALE</u> <u>MS</u> <u>38769</u>	<u>SE</u> 1/4 <u>SW</u> 1/4, Sec <u>03</u> T <u>08S</u> R <u>10W</u>
City State Zip Code	<u>1 1/4</u> Miles <u>NNE</u> of <u>FALCON</u>
Telephone No. <u>(662) 759-3511</u>	(Distance) (Direction) (Nearest Town)

Pump Type (circle one)

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

Date Pump installed: 8-11-14 Rated Pump Capacity: 1900 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: 40 Setting Depth: 60 feet Number of Stages: 1

Pump Test Data for Non Flowing Well

Date Well Tested: _____ Duration of Pump Test (minimum 4 hours): _____ hours

Static Water Level (A): 20 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

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.

DAVID P. HOLT 0-7529 8-19-14 [Signature]

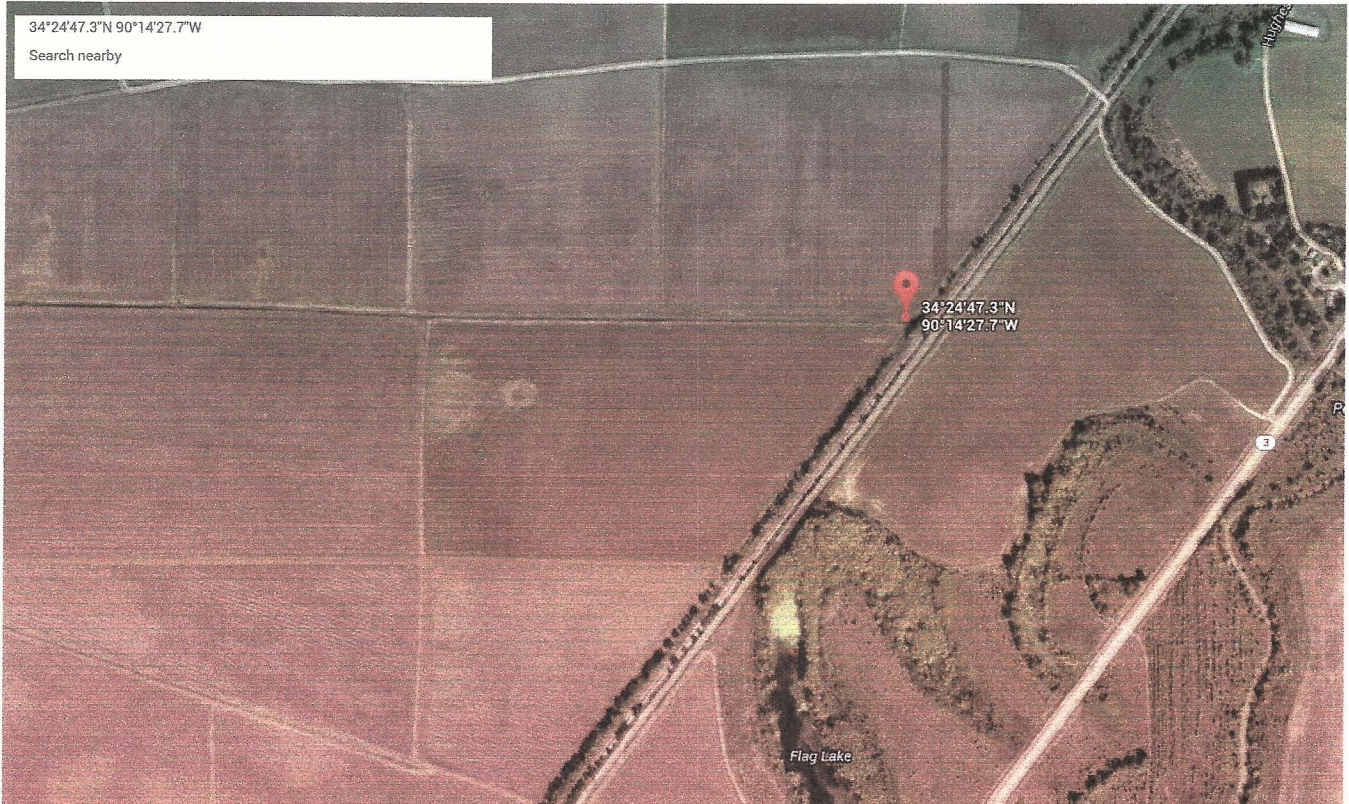
Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer

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BY OLWR

14-0765

C100



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 AUG 27 2014
 BY OLWB

5

RECEIVED
AUG 27 2014
BY OLWA

Job # 14-0925

115
8-10-14
16

C100

July 30, 2014

C D Long Jr.
PO Box 575
Rosedale, MS 38769

RE: Well Construction / Authorization to drill

Permit No: GW-48480 (Replacement well for GW-07781)

Dear C D Long Jr.:

This authorization letter is for the construction of a new well that is to be drilled in the Mississippi River Valley Alluvial Aquifer. Your application has been received and is currently being processed.

**Location: SE1/4 of the SW1/4 Section 03 Township 08S Range 10W County Quitman
Latitude: 34 24 36 Longitude: 90 14 38**

A copy of this notice or a water use permit **must be** attached to the State Well Report submitted by your driller. This report is a requirement of the State Well Drillers Regulation. A copy of this report **must** be mail or faxed to YMD Joint Water Management District.

All application must meet the **Mississippi Department of Environmental Quality** rules and regulations. If no adverse comments are received the application will then be presented to the Mississippi Department of Environmental Quality State Permit Board for approval.

If you have any questions please call our office at 662/686-7712.

Sincerely,

Dillard Melton Jr.

Dillard Melton Jr.
Permitting Director