

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 39225
(601)961- 5210
(601)961- 5228 (fax)

County: Holmes
Permit #:
Driller: Willie Bryant
Date drilling completed: 2-3-13

For Office Use Only:
Aquifer: J91
Well #:
L. 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)
Owner Name Calvin Head
Mailing Address: 3835 Epps Rd.
Tchula MS 39169
Telephone No. (602) 528-6821
Well or Borehole Location
Latitude: 33° 06' 70" Longitude: 090° 16' 42"
Method of Lat/Long (circle one): Conventional Survey, Hand-held GPS, Survey-grade GPS
USGS quad, SE 1/4 SW 1/4 Sec 26 Twn 15N Rng 1W
Distance 6 1/2 Miles Direction S of Tchula, MS Nearest Town
9380 Hwy 49 E

Well / Borehole Data
Date drilling started: 2-3-13 Date drilling completed: 2-3-13 Hole depth: 100 Hole diameter: 6 1/2"
Location of the source of any surface water used for drilling: Nearby ditch
Method of dosing and volume of Chlorine used in drilling and development: none
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: 18 feet above or below (circle one) land surface Date measured: 2-3-13
Method of Measurement (circle one) steel tape electric tape air line other: Sonic water level meter
Well depth: 100 Well grouted to a depth of 10 feet Type of grout (circle one): Neat Cement Bentonite Mix
Casing length: 80 feet Casing diameter: 4 inches Type of casing: PVC 160
Screen length: 20 feet Screen diameter: 4 inches Type of screen: PVC slotted
Screen slot size: .016 inches Setting depth: From 80 feet to 100 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: 0 feet. If telescoped or more than one screen, describe on next page

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

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BY: OLWR

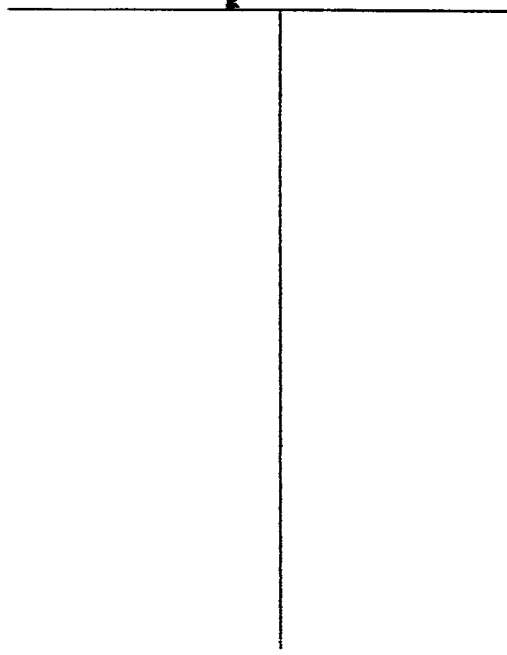
J 91

The sketch below only required for water wells

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

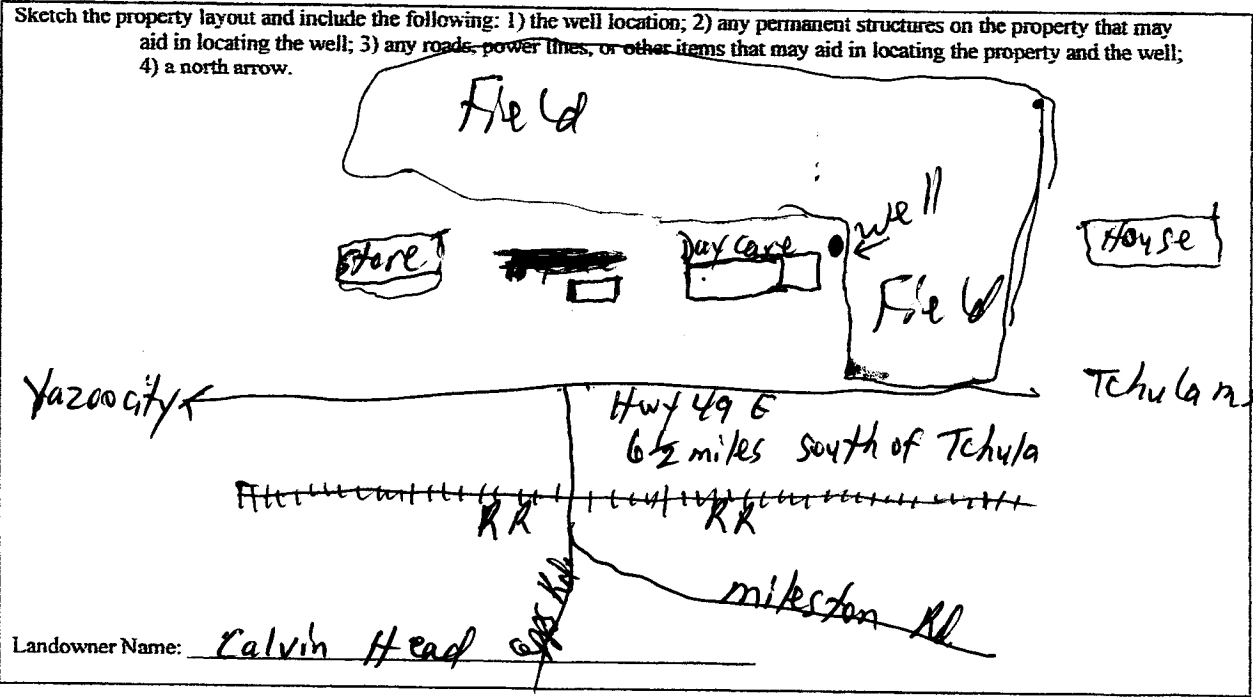
If well telescopes, show depths on sketch.

Ground Level →



Description of Formations Encountered	From (depth)	To (depth)
Clay	Ground Level	15
little clay, med sand	15	20
mostly coarse sand, little clay	20	40
coarse sand	40	60
coarse sand	60	78
wood	78	80
gravel	80	100

If more than one screen, show location of each on sketch



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.

Willie L. Bryant 0-639 2-4-13 Willie L. Bryant
Print Name of Responsible Licensee and License No. Date Signature of Licensee

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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
(601)961-5210
(601)961-5228 (fax)

For Office Use Only:

Aquifer: _____
Well #: _____
Elevation: _____

County: Holmes

Permit #: _____

Driller: Willie Bryant

Date completed: 2-3-13

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>Calvin Head</u>	Latitude: <u>33° 06.70' N</u> Longitude: <u>090° 16.43' W</u>
Mailing Address: <u>3835 Epps Rd.</u>	Method of Lat/Long (check one): Conventional Survey _____ USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
<u>Tchula</u> <u>MS</u> <u>39169</u> City State Zip Code	_____ 1/4 _____ 1/4 Sec <u>26</u> T <u>15N</u> R <u>1W</u>
Telephone No. <u>662-528-6821</u>	Distance <u>6.2</u> Miles Direction <u>S</u> of Nearest Town <u>Tchula, MS</u> <u>9380 Hwy 49E</u>

Pump Type	Power Type
Air Lift Circle one Jet <input checked="" type="radio"/> <u>Submersible</u>	Diesel Engine Gasoline Engine Natural Gas
Bucket Piston Turbine	<input checked="" type="radio"/> <u>Electric Motor</u> Hand Tractor PTO
Centrifugal Rotary Flowing Well	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>3</u>
Date Pump Installed: <u>2-3-13</u>	Setting Depth: <u>60'</u> feet
Rated Pump Capacity: <u>35</u> Gallons Per Minute	Number of Stages: <u>14</u>

Pump Test Data	Method of Measuring Water Level
Date Well Tested: <u>2-20-13</u>	Air Line Circle one Electric Measuring Line Steel Tape
Static Water Level (A): <u>18</u> Feet Below Land Surface	Other (specify): <u>Sanic water level meter</u>
Pumping Water Level (B): <u>26</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: <u>8</u> Feet Below Land Surface	Well yielded <u>45</u> GPM with a drawdown of
Test Pumping Rate: <u>45</u> Gallons Per Minute	<u>8</u> feet after <u>4</u> hours of pumping
Duration of Pump Test (minimum 4 hours): <u>4</u> hours	

This is for (circle one): New Well Replacement of Existing Pump Repair of Existing Pump

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

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

Form: OLWR-SWR-10 (07-09)

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