

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

County: LAMAR
Permit #: 0-586
Driller: JAMES WELLS
Date drilling completed: 8-5-09

For Office Use Only:
Aquifer: _____
Well #: H124
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) | Well or Borehole Location |
|--|---|
| Owner Name: <u>Homes of Hope for Children</u> | Latitude: <u>31° 11' 08"</u> Longitude: <u>89° 21' 02"</u> |
| Mailing Address: <u>18496 P.O. Box Hattiesburg</u> <u>Michael Garrett</u> <u>39404</u> | Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS |
| City: <u>Go</u> State: <u>MS</u> Zip Code: <u>39404</u> | <u>NE 1/4 NE 1/4 Sec 25 Twn 34 Rng 14W</u> <u>36</u> |
| Telephone No.: <u>601 450 1188</u> | Distance: <u>5</u> Miles Direction: <u>North</u> of Nearest Town: <u>Purdis</u> |

Well / Borehole Data

Date drilling started: 8-5-09 Date drilling completed: 8-5-09 Hole depth: 325 Hole diameter: 7

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

Method of dosing and volume of Chlorine used in drilling and development: 3 lbs Shack

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: _____ feet above or below (circle one) land surface Date measured: 8-5-09

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

Well depth: 325 Well grouted to a depth of 10 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 305 feet Casing diameter: 4 inches Type of casing: PVC

Screen length: 20 feet Screen diameter: 4 inches Type of screen: PVC

Screen slot size: .008 inches Setting depth: From 305 feet to 325 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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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)

County: LAMAR
 Permit #: _____
 Driller: JAMES WELLS
 Date completed: 8-5-09
Copy information from block on Part 1

For Office Use Only:

Aquifer: _____
 Well #: H124
 Elevation: _____

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>Homes of Hope for Children</u> | Latitude: <u>31-11-08</u> Longitude: <u>89-21-02</u> |
| Mailing Address: <u>18196 Po Box Natchez MS</u> | Method of Lat/Long (check one): Conventional Survey _____ |
| <u>Michael Barnett</u> | USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____ |
| City _____ State _____ Zip Code <u>39464</u> | <u>NE 1/4 NE 1/4 Sec 25 T 34 N R 14 W</u> |
| Telephone No. (<u>601</u>) <u>4501188</u> | Distance _____ Direction _____ Nearest Town _____ |
| | <u>5</u> Miles <u>north</u> of <u>Purvis</u> |

| Pump Type Circle one | Power Type Circle one |
|---|---|
| Air Lift _____ Jet _____ <u>Submersible</u> | Diesel Engine _____ Gasoline Engine _____ Natural Gas _____ |
| Bucket _____ Piston _____ Turbine _____ | <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>8-5-09</u> | Setting Depth: <u>220</u> feet |
| Rated Pump Capacity: <u>35</u> Gallons Per Minute | Number of Stages: <u>11</u> |

| Pump Test Data | Method of Measuring Water Level Circle one |
|---|--|
| Date Well Tested: <u>8-5-09</u> | Air Line _____ Electric Measuring Line _____ <u>Steel Tape</u> |
| Static Water Level (A): <u>160</u> Feet Below Land Surface | Other (specify): _____ |
| Pumping Water Level (B): <u>220</u> Feet Below Land Surface | For flowing well, measured shut in head: _____ feet |
| Drawdown [(B) - (A)]: <u>200</u> Feet Below Land Surface | Well yielded <u>35</u> GPM with a drawdown of |
| Test Pumping Rate: <u>35</u> Gallons Per Minute | <u>160</u> feet after <u>4</u> hours of pumping |
| Duration of Pump Test (minimum 4 hours): <u>4</u> hours | |

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

JAMES WELLS 0-586 _____
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer

Form: OLWR-SWR-1B (04/09)

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