

# 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: Coahoma  
Permit #:  
Driller: Willie Bryant  
Date drilling completed: 12-4-10

For Office Use Only:  
Aquifer: J 181  
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<br>(Landowner if borehole is not for a water well) | Well or Borehole Location   |
|--|---|
| Owner Name: <u>A. J. Heidelberg</u>  | Latitude: <u>34° 14' 06" N</u> Longitude: <u>090° 36' 38" W</u>                   |
| Mailing Address: <u>1980 Viney Ridge Rd.</u>                                 | Method of Lat/Long (circle one): Conventional Survey                              |
| <u>Clarksdale ms 38614</u>   | USGS quad, <u>Hand-held GPS</u> , Survey-grade GPS                                |
| City State Zip Code  | <u>SW 1/4 SW 1/4 Sec 4 Twn 27N Rng 4 W</u>  |
| Telephone No. <u>662 627-4879</u>  | Distance Direction Nearest Town<br><u>1.5</u> Miles <u>N</u> of <u>Clarksdale</u> |

**Well / Borehole Data**

Date drilling started: 12-4-10 Date drilling completed: 12-4-10 Hole depth: 100' Hole diameter: 7"

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

Method of dosing and volume of Chlorine used in drilling and development: chlorine tablets

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: horses

If a flowing well, method of flow regulation: Valve \_\_\_\_\_ Other (describe) \_\_\_\_\_

Static Water Level: 25 feet above or below (circle one) land surface Date measured: 12-4-10

Method of Measurement (circle one) steel tape electric tape air line other: Rope & weight

Well depth: 100' Well grouted to a depth of 10 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 86 feet Casing diameter: 4 inches Type of casing: PVC

Screen length: 14 feet Screen diameter: 4 inches Type of screen: PVC

Screen slot size: .013 inches Setting depth: From 86 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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# 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: Coahoma  
 Permit #: \_\_\_\_\_  
 Driller: Willie Bryant  
 Date completed: 12-4-10  
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>A. J. Heidelberg</u>          | Latitude: <u>34°14.06' N</u> Longitude: <u>090°36.38' W</u>                       |
| Mailing Address: <u>1980 Vinny Ridge Rd.</u> | Method of Lat/Long (check one): Conventional Survey _____                         |
| <u>Clarksdale ms 38614</u>                   | USGS quad _____ <u>Hand-held GPS</u> Survey-grade GPS _____                       |
| City State Zip Code                          | _____ 1/4 _____ 1/4 Sec <u>4</u> T <u>27N</u> R <u>4W</u>                         |
| Telephone No. ( <u>662</u> ) <u>627-4879</u> | Distance Direction Nearest Town<br><u>1.5</u> Miles <u>N</u> of <u>Clarksdale</u> |

| Pump Type<br>Circle one  | Power Type<br>Circle one  |
|--|---|
| Air Lift Jet <input type="radio"/> <u>Submersible</u> <input checked="" type="radio"/> | Diesel Engine Gasoline Engine Natural Gas                               |
| Bucket Piston Turbine  | <u>Electric Motor</u> <input checked="" type="radio"/> Hand Tractor PTO |
| Centrifugal Rotary Flowing Well  | Windmill Other (specify): _____   |
| Other (specify): _____   | Horse Power Rating of Motor: <u>1 HP</u>                                |
| Date Pump Installed: <u>12-4-10</u>  | Setting Depth: <u>60'</u> feet  |
| Rated Pump Capacity: <u>20</u> Gallons Per Minute                                      | Number of Stages: <u>8</u>  |

| Pump Test Data   | Method of Measuring Water Level<br>Circle one       |
|--|---|
| Date Well Tested: <u>12-4-10</u>                           | Air Line Electric Measuring Line Steel Tape         |
| Static Water Level (A): <u>25</u> Feet Below Land Surface  | Other (specify): <u>Rope + weight</u>               |
| Pumping Water Level (B): <u>29</u> Feet Below Land Surface | For flowing well, measured shut in head: _____ feet |
| Drawdown [(B) - (A)]: <u>4</u> Feet Below Land Surface     | Well yielded <u>30</u> GPM with a drawdown of       |
| Test Pumping Rate: <u>30</u> Gallons Per Minute            | <u>4</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-1C (07-09)

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