| | | D 0 1 D |
|-----|--------|---------|
| JIM | RAMSEY | ROAD : |

| County: | JACKSON | |
|---------------------------------|-------------------|--|
| Permit #: | MS-GW-16603 | |
| Driller: | LAYNE CHRISTENSEN | |
| Date drilling completed: 9/4/09 | | |

Well Driller Report and Well Log

Mississippi Department of Environmental Quality
Office of Land and Water Resources
P. O. Box 2309
Jackson, MS 39225-2309
(601) 961-5210
(601) 354-6938 (fax)

| For Office Use Aquifer: | Only: |
|-------------------------------|--------|
| Well#: | J567 |
| L. S. Elev | ation: |
| 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 | Well or Borehole Location | | |
|---|--|--|--|
| (Landowner if borehole is not for a water well) | 58 45 01 | | |
| Owner Name JACKSON COUNTY UTILITY AUTH | Latitude: N 30° 32 ' 22" Longitude: W 88° 144', 555" | | |
| Mailing Address: 1225 JACKSON AVENUE | Method of Lat/Long (circle one): Conventional Survey | | |
| | USGS quad, Hand-Held GPS, Survey-grade GPS | | |
| PASCAGOULA MS 39567 | SE 1/4 SE 1/4 Sec 2 Twn 6S Rng 8W | | |
| City State Zip Code | NE Distance Direction Nearest Town | | |
| Telephone No. (228) 762.0119 | 3 Miles N/NW of VANCLEAVE | | |
| Well / Bor | ehole Data | | |
| Date drilling started: 8/12/09 Date well drilling completed: | 9/4/09 Hole Depth: 970' Hole diameter: 21" | | |
| Location of the source of any surface water used for drilling: N/A | | | |
| Method of dosing and volume of Chlorine used in drilling and development | opment: N/A | | |
| Logs run (circle all applicable): No log run Electric Gamma | a Ray Density Sonic Neutron Other: | | |
| Name of organization running log(s): LAYNE-CENTRAL, JAC | KSON, MS | | |
| Purpose of borehole (check one): Water Well ✓ Geotechnical/Geological Investigation Ground Source Heat Pump | | | |
| Seismic Survey Othe | | | |
| If drilling is not related to water well com | struction, skip the remainder of this block. | | |
| Purpose of Well (check one): Home Industrial Public Su | | | |
| If flowing, method of flow regulation: Valve Other (describe) | | | |
| | cle one) land surface Date measured: 09/04/09 | | |
| Method of Measurement (circle one) steel tape elec | ctric tape air line other: | | |
| Well depth: 970' Well grouted to a depth of: 865' | Type of grout (circle one): Neat Cement Bentonite Mix | | |
| Casing length: 865 feet Casing diameter: | 16 inches Type of casing: STEEL | | |
| Screen length: 100 feet Screen diameter: | 10 inches Type of screen: STAINLESS STEEL | | |
| Screen slot size: 0.020 inches S | etting depth: From 870 feet to 970 feet | | |
| Type of completion (circle all applicable): Gravel Packed Ur | nderreamed Telescoped Open Hole Natural Development | | |
| Other (describe): | - | | |
| Top of lap pipe or reduction in casing: feet. | If telescoped or more than one screen, describe or restricted VE | | |

Form: OLWR-SWR-1A MAR 0 9 2012

J.m Romsey J 567

The sketch below only required for water wells.

If well telescopes, show depths on sketch.

Ground Level

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

| Description of Formations Encountered | From | То |
|---------------------------------------|------|----------------|
| TOP SOIL | 0 | 15 |
| CLAY, SOFT | 15 | 94 |
| CLAY WITH SAND | 94 | 120 |
| CLAY | 120 | 225 |
| SANDY CLAY | 225 | 410 |
| SAND | 410 | 490 |
| CLAY WITH SAND | 490 | 750 |
| SAND, STREAKS OF CLAY | 750 | 835 |
| SHALE | 835 | 860 |
| SAND | 860 | 980 |
| SANDY CLAY | 980 | 101 |
| CLAY WITH SAND STREAKS | 1010 | 103: |
| | | 1 |
| · | | - |
| | | |
| | | |
| | | 1 |
| | | |
| | | |
| | | |

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

| 4) a north arrow. | ads, power lines, or other items that may aid in locating the property and the well; |
|-------------------|--|
| | |
| NORTH | |
| ^ | RANKSY 3 CO. WELL |

Sketch the property layout and include the following: 1) the well location; 2) any permanent structures on the property that may

NOT TO SCALE

Landowner's Name: JACKSON COUNTY UTILITY AUTHORITY

Print Name of Responsible Licensee and License No.

Form: OLWR-SWR-1A

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.

DAVE COOK

0692

Date

Signature of Licensee

RECEIVED

MAR 0 9 2012

BY: OLWR

State Well Report

J.m Ransey

| | | Part 2 | For Office Use Only: | |
|--|--|---|---------------------------------------|--|
| County: JACKSON | Pump Installer | 's Completion Report | | |
| Permit #: MS-GW-16603 | Mississippi Department of Environmental Quality Office of Land and Water Resources | | Aquifer: | |
| | | . Box 2309 | Well #: J 567 | |
| Driller: LAYNE-CHRISTENSEN | · · | MS 39225-2309) 961-5210 | Well #: | |
| Date Completed: 09/04/09 | | 54-6938 (fax) | Elevation: | |
| Copy information from block on Part 1 | | | | |
| This part of the report must be completed by | ı a licensed water well con | tractor or a licensed numn inst | aller. A conv of Part 1 of the report | |
| must be attached and both parts filed with the | e Department at the above | e address within 30 days of well | completion. | |
| Well Owner Information | - | | ell Location | |
| Owner Name JACKSON COUNTY UTI | LITY AUTH | Latitude: N 30° 32' 42" Longitude: W 88° 44' 53" | | |
| Mailing Address: 1225 JACKSON AVEN | IUE | Method of Lat/Long (check one): Conventional Survey | | |
| | | USGS quad ✓ Hand-He | eld GPS Survey-grade GPS | |
| | MS 39567 | SE 1/4 SE 1/4 Sec | 2 T 6S R 8W | |
| City | State Zip Code | Distance Dire | ction Nearest Town | |
| Telephone No. (228) 762.0119 | | | NW of VANCLEAVE | |
| | | | | |
| Pump Type | | Pe | ower Type | |
| Circle One | | | Circle One | |
| Air Lift Jet | Submersible | Diesel Engine Gas | oline Engine Natural Gas | |
| Bucket Piston | Turbine | Electric Motor | Hand Tractor PTO | |
| Centrifugal Rotary | Flowing Well | Windmill | Other (specify): | |
| Other (specify): | | Horse Power Rating of Moto | r: 75 | |
| Date Pump Installed: 03/15/2010 | | Setting Depth: | 164 feet | |
| Rated Pump Capacity 1000 | Gallons Per Minute | Number of Stages: | 4 | |
| | | | | |
| Pump Test Data | | | easuring Water Level Circle One | |
| Date Well Tested: 12/20/10 | | Air Line Electric | Measuring Line Steel Tape | |
| Static Water Level (A): 70 Feet | t Below Land Surface | Other (specify): | | |
| Pumping Water Level (B): 40 Feet | t Below Land Surface | | | |
| Drawdown [(B) - (A)]: 30 Fee | t Below Land Surface | For flowing well, measured s | hut in head: feet | |
| Test Pumping Rate: 1044 | Gallons Per Minute | Well yielded 1044 | GPM with a drawdown of | |
| Duration of Pump Test (minimum 4 hours): | 8 hours | 30 feet after | 8 hours of pumping | |
| | | | | |
| This is for (circle one) New Well Replacement of Existing Pump Repair of Existing Pump | | | | |
| This is for (circle one) New Well Replacement of Existing Pump Repair of Existing Pump | | | | |
| RECEIVED | | | | |
| I hereby certify that the above statements are | e true to the best of my ki | nowledge. | | |
| DAVE COOK | 692 | 1))20 | MAR 0 9 2012 | |
| Print Name of Pump Installer and License ! | | Signa | nture of Pump Installer. | |