

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: Pike
Permit #: _____
Driller: Fitzgerald Well Serv.
Date drilling completed: 2-17-11

For Office Use Only:
Aquifer: E 291
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) | Well or Borehole Location |
|--|--|
| Owner Name: <u>David Moak</u> | Latitude: <u>31° 12' 29"</u> Longitude: <u>90° 26' 15"</u> |
| Mailing Address: <u>Adams Rd</u> | Method of Lat/Long (circle one): Conventional Survey, |
| <u>m'omb ms</u> | USGS quad, Hand-held GPS, Survey-grade GPS |
| City State Zip Code | <u>NE 1/4 NE 1/4 Sec. 30 Twn 3N Rng 8E</u> |
| Telephone No. () | Distance Direction Nearest Town |
| | Miles of |

Well / Borehole Data

Date drilling started: 2-17-11 Date drilling completed: 2-17-11 Hole depth: 117' Hole diameter: 8"

Location of the source of any surface water used for drilling: _____
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: 68' feet above or below (circle one) land surface Date measured: 2-17-11

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

Well depth: 117' Well grouted to a depth of 10' feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 107' feet Casing diameter: 4" inches Type of casing: Pvc

Screen length: 10' feet Screen diameter: 4" inches Type of screen: Pvc

Screen slot size: .012 inches Setting depth: From 107' feet to 117' 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-PA104(08)

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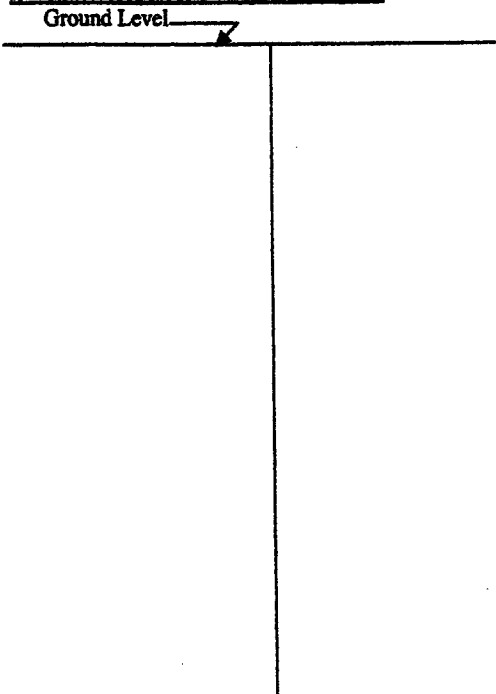
BY: OLWR

E 291

The sketch below only required for water wells.

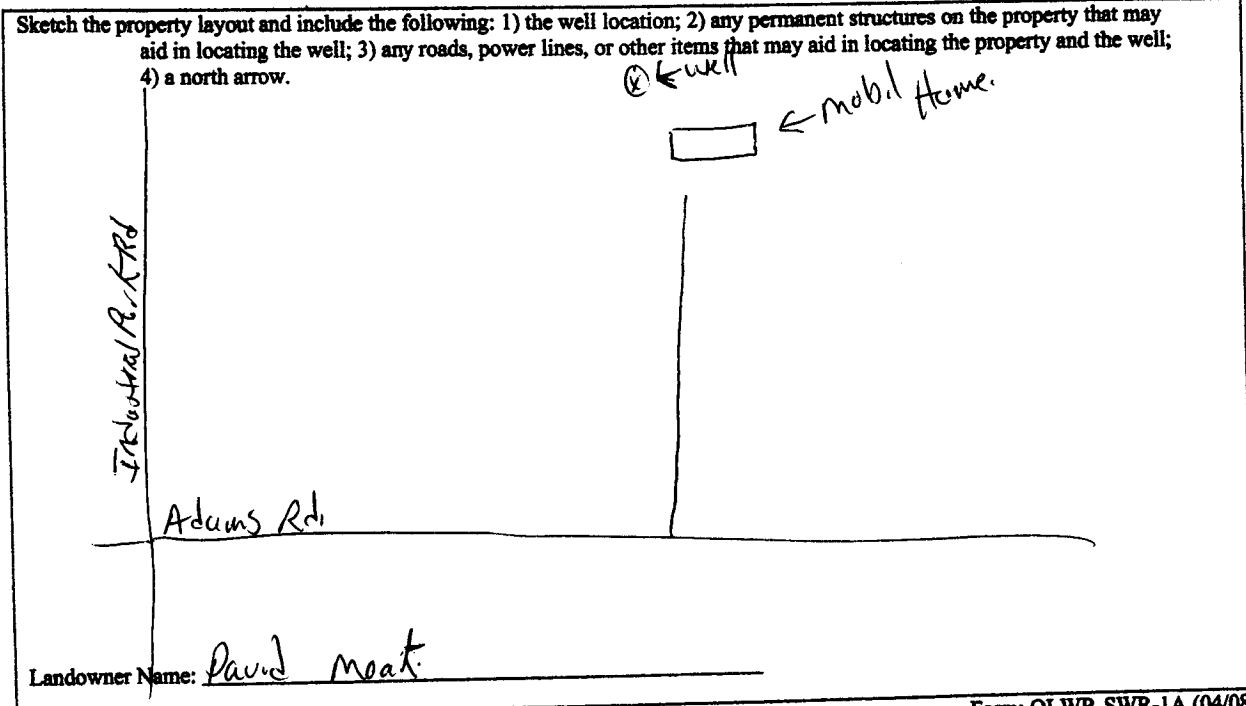
Description of formations encountered must be provided for all wells and boreholes, unless specifically exempted by regulations

If well telescopes, show depths on sketch.



| Description of Formations Encountered | From (depth) Ground Level | To (depth) |
|---------------------------------------|------------------------------|------------|
| clay | 0 | 20 |
| gravel | 20 | 60 |
| Sand | 60 | 80 |
| clay | 80 | 100 |
| coarse sand | 100 | 117 |
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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.

Brian Fitzgerald 029 2-017-11 Brian Fitzgerald
 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: Pike
Permit #: _____
Driller: Fitzgerald Well Serv.
Date completed: 2-17-11
Conv 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>David Moak</u> | Latitude: <u>31° 12' 29"</u> Longitude: <u>90° 26' 1.5"</u> |
| Mailing Address: <u>Adams Rd.</u> | Method of Lat/Long (check one): Conventional Survey _____ |
| <u>McComb</u> <u>MS</u> | USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____ |
| City State Zip Code | _____ 1/4 _____ 1/4 Sec <u>19</u> T <u>3N</u> R <u>8E</u> |
| Telephone No. () _____ | Distance _____ Direction _____ Nearest Town _____ |
| | _____ Miles _____ of _____ |

| Pump Type | Power Type |
|---|---|
| Air Lift | Diesel Engine |
| Bucket | Gasoline Engine |
| Centrifugal | Electric Motor |
| Other (specify): _____ | Hand |
| Date Pump Installed: <u>2-17-11</u> | Windmill |
| Rated Pump Capacity: <u>12</u> Gallons Per Minute | Other (specify): _____ |
| | Horse Power Rating of Motor: <u>1/2</u> |
| | Setting Depth: <u>100'</u> feet |
| | Number of Stages: <u>8</u> |
| | Natural Gas |
| | Tractor PTO |

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

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.

Brad Fitzgerald 029
Print Name of Pump Installer and License No. (if applicable)

Reed Stid
Signature of Pump Installer

Form: OLWR-SWR-1C (07-09)

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