# **32 LOG NEWSLETTER OF THE OKLAHOMA WELL DRILLER**

January February March 2007

> Kent Wilkins, OWRB Drillers Program Coordinator

Published Quarterly by the Oklahoma Water Resources Board 3800 N. Classen Blvd. Oklahoma City, OK 73118

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### Coordinator's Corner

Kent Wilkins, OWRB Drillers Program Coordinator

The OWRB and OGWA wrapped up another excellent two-day trade show and conference in February. I appreciate everyone who assisted and participated in the trade show, and I especially appreciate the time you took away from your businesses.

The drilling of water wells in 2006 was robust, to say the least, and the trend appears to be continuing into 2007. Approximately 3,840 water wells were drilled in 2006 (up from 3,450 in 2005 and 2,970 in 2004).

The OWRB will mail renewal application forms to all licensed well drilling and/or pump installer firms and operators required to renew in 2007. Odd number DPC licenses expire on June 30, 2007, which means the company and any certified operators working under the authority of the company would no longer be authorized to drill wells and/or install pumps in the State of Oklahoma until the license has been renewed and a \$200 late fee will be added to the renewal fee.

For those failing to renew, a 30-day grace period will begin July 1, but after July 31, 2007, licenses will become invalid and individuals must apply for a new license, take the appropriate examination, pay applicable fees, and obtain approval from the Board. Documentation of 8 credit hours of continuing education will be required before processing of your renewal application can begin. If you have any questions about DPC licensing, please contact Theda Adkisson, at (405) 530-8800.

Proposed rules and regulations for the driller's program have been submitted to the legislature for their approval and a copy of the changes may be downloaded from our website at <a href="https://www.owrb.cok.gov/util/rules/pdf\_rul/2007-adopted/Chap5.pdf">www.owrb.cok.gov/util/rules/pdf\_rul/2007-adopted/Chap5.pdf</a>. If you have any questions regarding rule changes or current rules, please give me a call at (405) 530-8800.

### 2007 Trade Show and Conference a Success

The Oklahoma Ground Water Association (OGWA) presented the 5th Annual Conference and Trade Show February 22 - 23 in Oklahoma City. Approximately 200 participants enjoyed interesting topics regarding OWRB Rule and Regulations, Variable Speed Drives, Equipment Maintenance, Personal Protective Equipment, Load Securement, DOT Regulations, Ground Source Heat

Pump Grouting Procedures, and Sizing Submersible Pumps.

The Board of Directors, committee members, and Beth Vannoy dedicated extensive time to produce another quality conference and trade show and should be commended. The Association would also like to thank all the vendors and manufacturers for their continued support.

The 2008 conference will be held February 21-22 at the Clarion Convention Center in Oklahoma City. For further information, please contact Beth Vannoy at 888-884-6492, or visit the OGWA website at <a href="https://www.ogwa.biz">www.ogwa.biz</a>.



Jimmy Davis, new OGWA President, presents Steve Vannoy with the Past President's Award.

## **Continuing Education Class Schedule**

Topics: Oklahoma rules and regulations, pump installation, general drilling information, DOT regulations, cementing-sealing techniques, geophysical logging, and more. Registration begins at 8:00 a.m., classes begin at 8:30 a.m., and conclude at 12:30 p.m. For more information, please contact Beth Vannoy at 888-884-6492 or Theda Adkisson at 405-530-8800.

June 5, 2007	Woodward	High Plains Tech Center, 3921 34th St., Woodward, OK 73801
June 12, 2007	Lawton	Great Plains Tech Center, 4500 West Lee Blvd., Lawton, OK 72505
June 14, 2007	Tulsa	Tulsa Tech Center, 801 East 91st Street, Tulsa, OK 74132
June 19, 2007	McAlester	Kiamichi Tech Center, 301 Kiamichi Drive, McAlester, OK 74501
June 22, 2007	OKC	OWRB Main Office, 3800 N. Classen Blvd., Oklahoma City, OK 73118

### Oklahoma Driller's Log

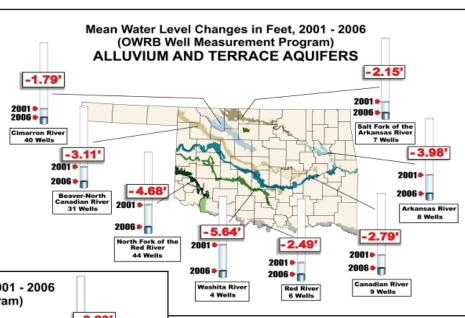
OKLAHOMA WATER RESOURCES BOARD 3800 N. Classen Blvd.
Oklahoma City, OK 73118

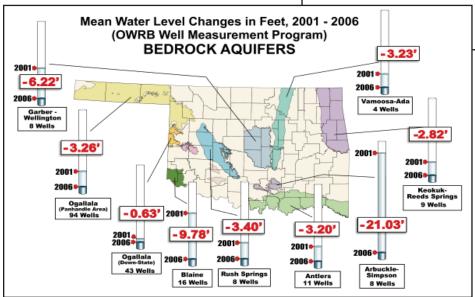
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# Observation Wells Show Impact of Drought on Groundwater

The OWRB's annual water level measurement program, in place for almost 30 years, includes a network of over 600 observation wells from which water level data is collected, allowing analysis of water level fluctuations over long periods. Water level fluctuation results from varying precipitation and recharge and/or changes in pumpage. Rising and falling well levels typically reflect corresponding wet and dry periods, although data may not reflect those events for a period of months or even years for deeper formations and wells.





In general, there has been little significant change in groundwater storage for the majority of the state's aquifers in the past three decades. However, the ongoing drought, which climatologists say generally began around 2002, is having a measurable effect upon aquifer levels. Data summarized in the graphics below reflect water level changes for Oklahoma's major aquifers at one- and five-year intervals.