

Wyoming Water Well Contractor's Newsletter

NEWS FROM THE DIRECTOR'S DESK



IN THIS ISSUE:

- News from the Director 1
- New Drilling Simulation Center 1
- Test Your Knowledge 2
- Calendar / Events 3
- Test Your Knowledge 3

It's hard to believe that 2017 is quickly coming to an end! If your license expires at the end of this year, checkout page 3 of the newsletter for upcoming educational opportunities. Mark your calendars to attend the upcoming Wyoming Ground Water Association (WGWA) Annual Convention scheduled for January 24th – 26th, 2018 at the Ramkota Hotel and Conference Center, Casper, Wyoming. This is a wonderful opportunity to obtain some additional information and knowledge for your business, acquire continuing education credits toward your license, and at the same time share ideas/network with other folks in your profession.

I hope all of you had a busy and rewarding year and I look forward to seeing you next year! Happy Holidays!



State Board of Examining Water Well Drilling Contractors and Water Well Pump Installation Contractors

Website:
wwcb.state.wy.us
email:wwcb@wyo.gov

Sheri R. Culver
Executive Director
122W. 25th St.
Cheyenne, WY 82002

Office:
(307) 777-7243

Fax:
(888) 988-1322

E-Mail:
sheri.culver@wyo.gov

University Announces Construction of New Drilling Simulation Center

Seth Klamann, Casper Star Tribune

The University of Wyoming is partnering with an international company to build a drilling simulation lab that officials expect will be one of the leading facilities of its kind.

When completed in 2019, the laboratory will operate as a way for students to simulate drilling wells, including what happens after drilling. The deal between UW and Drilling Systems, which is headquartered in Bournemouth, England, has been in the works for about 18 months, according to a university press release.

The new program — officially titled the Drilling and Completions Simulation Laboratory — will be housed in the new Engineering Education and Research Building, which is also expected to be completed in 2019. No other facilities will need to be constructed to accommodate the new lab, university spokesman Chad Baldwin said.



DID YOU KNOW

Life as we know it would be impossible without groundwater. It is the world's most extracted natural resource, and it supports our ecosystems.

NGWA, The Groundwater Association



Sandstone is one of the most common types of sedimentary rock and is found in sedimentary basins throughout the world. It is often mined for use as a construction material or as a raw material used in manufacturing. In the subsurface, sandstone often serves as an aquifer for groundwater or as a reservoir for oil and natural gas.

“We’re taking the biggest step to make a supercenter,” Professor Doug Cuthbertson, who oversees the drilling simulator, said in the press release. “This may be rivaled by one such facility in the world. ... This will teach them how to do things and how to plan.”

It’s unclear what facility Cuthbertson was referring to. Baldwin said he was unsure, and the professor did not return an email. Nor is the cost of the lab or who will pay for it clear.

The construction of the new engineering building was previously estimated at \$105 million.

“Drilling Systems will provide the university with exclusive access to emerging technologies and the ability to influence the development of future products and services that may benefit both parties,” the press release states.

Baldwin said the partnership will benefit the company by potentially providing it with well-trained graduates, while also giving the firm an opportunity to advance technology.

Drilling Systems will support UW’s efforts to be recognized as a Tier-1 university, according to the agreement. The Engineering Education and Research Building is part of the school’s Tier-1 Engineering Initiative.

Continue on page 4

TEST YOUR KNOWLEDGE *answers on Page 3*

- 1.) All wells shall be constructed with at least a 2-inch annular space surrounding the outmost casing and extending not less than 20 feet below ground surface. True or False?
- 2.) The production casing should be greater than or equal to one nominal size larger than the downhole pump assembly. True or False?
- 3.) The components of a pitless adapter must allow sufficient clearance for the insertion and removal of the down-hole pumping assembly. True or False?



Calendar of Upcoming Events:

NGWA	Summit	Nashville, TN	December 4-7, 2017
NGWA	Groundwater Week	Nashville, TN	December 5-7, 2017
Wyoming	Casper College, Pumps and Pumping	Casper, WY	December 19 to 21, 2017
WWCB	Board Meeting	Casper, WY	January 24, 2018
WGWA	2018 Convention	Casper, WY	January 24-26, 2018
NDA	On-Line Certification Exams	Website	https://nda4u.com
AGWT	Educational Videos and Books	Website	WWW.AGWT.org
ISWD	International School of Well Drilling Online Courses	Website	welldrillingschool.com
NGWA	Introduction to Groundwater Resources (#1012)	Website	Online self-paced course
NGWA	Selection and Operation of Meters for Safe and Successful Electrical Troubleshooting for Water Well Pump Systems (#7132-1)	Website	Online self-paced course
TLC	Technical Learning College	Website	Self-paced courses

WWWA – Wyoming Water Well Association

BIDP – Baroid Industrial Drilling Products

NDA – National Drilling Association

AGWT – American Ground Water Trust

NGWA – National Ground Water Association

SEDC – Shallow Exploration Drillers Clinic

NWDA – Nebraska Well Drillers Association

*ISWD – International School of Well Drilling
www.welldrillingschool.com*

CWWCA – Colorado Water Well Contractors Association

CPS - CPS Distributors

WARWS – Wyoming Association of Rural Water Systems

Goulds - Goulds Water Technology Factory School WebEx Training

WWA- Wyoming Water Association

*Technical Learning College
www.abctlc.com*

WWQ & PCA – Wyoming Water Quality & Pollution Control Association

WWWCB – Wyoming Water Well Contractors Licensing Board

For continuing education opportunities please refer to each respective association's website for additional information.



Answers to Test Your Knowledge from page 2

- 1.) True
- 2.) True
- 3.) True

“A Tier-1 college is a nationally recognized institution of academic excellence and world-class research,” UW has said.

The university will continue to use its current drilling simulator. That equipment will eventually be moved to the new lab space, along with new technology.

Along with the new lab will come new master’s and Ph.D. programs in drilling and completions.

Similar technologies can be found at universities such as Texas A&M, the Colorado School of Mines and Louisiana State.

Congratulations to the New Licensees!

WELL

Kelvin Johnson
Bertram Drilling
510 Klenck Lane
Billings, MT

PUMP

Sean Brown
Deines Irrigation
2510 N. 10th Street
Gering, NE

PUMP

Chris Odegard
Six Gun Drilling and Well Service
340 SA Road
Arvada, WY

Total number of Ground Water Applications approved:

<u>Month of November 2017</u>	<u>For the Year</u>
Water Division I – 23	582
Water Division II – 11	536
Water Division III – 9	269
Water Division IV – 11	288

