# CWWCA Mid-Year Conference

**Friday, July 9, 2010**

- **9:00 - 10:00 am** Technical Working Group
- **10:30 - 11:00 am** CWWCA Board of Directors Only Working Meeting
- **11:30 - 12:30 pm** Registration
- **12:00 - 2:00 pm** “CWWCA Family Event” A Guided Hike at Hiko
- **12:30 - 4:45 pm** **FOUR 1-HOUR Round Table Presentations & Discussion**
  1. “Lino Shaft Turbines” Jeff Canfield, Canfield Drilling Co
  3. “Risk Assessment” Steve Smith, Front Range Insurance Group 
  4. “Frack Methods & Results” Hank Baski, Baski, Inc.

**2:30 - 2:45 Break**

Each topic will be presented for 55 min. Then 10 min break.

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You MUST attend all four topics to receive 4 hours Continuing Education Credit

**6:00 - 7:00 pm** Supplier Sponsored Social Hour

**7:00 - 9:00 pm** Dinner, Presentations

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**Saturday, July 10, 2010**

- **7:00 - 8:00 am** Breakfast Buffet
- **8:00 - 10:00 am** Membership Meeting
- **10:00 - 10:50 am** “Polymers & Additives for Drilling Fluid Systems” Kim Stevens, Western Hydro Corp. 1 Hr
- **11:00 - 11:50 am** “Annular Seals & Aquifer Protection” Dave Wilson, Baroid, IDP 1 Hr
- **12:00 - 1:00 pm** Lunch
- **1:00 - 1:50 pm** “On Site Medical Emergencies” Eugene Wagner, Quality Irrigation 1 Hr
- **2:00 - 3:00 pm** “DWR DATA” Holan Lloyd, Div Water Resources 1 Hr
- **3:00 pm** Suppliers Meeting
- **6:00 - 9:00 pm** Informal Social Gathering Base 9 Lounge

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**Sunday, July 11, 2010**

- **9:30 - 12:30 pm** Board of Director Meeting/Working Breakfast

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## HOTEL INFO

A block of rooms has been reserved at the **Beaver Run Resort, Breckenridge, CO.** Make your reservations directly with the Hotel by June 21, 2010.

The toll-free phone number is **1-800-525-2253.**

Be sure to mention that you are with Colorado Water Well Contractors Association

The group room rates are (tax not included):

- **Hotel Room** $115.00
- **Deluxe Studio** $135.00
- **1 Bedroom Suite** $145.00
- **Colorado Suite** $145.00
- **2 Bedroom Suite** $209.00

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CWWCA Events Calendar

July 6, 2010       BOE Meeting
July 9-11, 2010   CWWCA Mid-Year Conference, Breckenridge, CO
July 10, 2010     CWWCA Membership Meeting
July 11, 2010     CWWCA Board of Directors Meeting
September 24, 2010 CWWCA Board of Directors Meeting
October 5, 2010   BOE Meeting
January 6-8, 2011 CWWCA Annual Conference

To add dates of your events to the Drillstem Calendar, please call the office: 303.759.2294

Website Advertising

Banner Advertising

Banner advertisements appear on the right of every page of the website. The advertisement rotates sequentially, so every ad will have equal display time. If the demand for banner advertisements warrants it, additional banners will be incorporated into the site.

One year banner advertisement: $300.00

If the advertiser is a CWWCA member, this fee also includes a free upgrade of your member directory listing.

Banner ads should be 150 pixels wide, and 150-300 pixels high. Ads must be submitted in .jpg format.

Member directory upgrade

CWWCA Members may choose to upgrade their listing in the searchable member’s directory.

Upgrading allows your listing to be displayed at the top of searches and sorts. It allows your listing to link to your website. And upgrading allows you to display your logo or picture of your choice with your listing.

One year of Directory upgrade: $50.00

Pictures for the listing should be submitted in .jpg format and should be 80 pixels high, by 80-160 pixels wide.

Drillstem Advertising

Advertising Rates for the Drillstem, A Quarterly Publication of CWWCA (published in March, June, September, and December)

<table>
<thead>
<tr>
<th>Number of Issues</th>
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Classified ads are $1.00 per 3.5 inch line. Help wanted ads will not be published. Seeking employment ads will be published. All rates for non-members are 10% higher.

COPIES MUST BE CAMERA READY OR TRANSMITTED ELECTRONICALLY (.doc, .pdf, or .jpg format). Please be sure to include all borders in the given dimensions. Avoid using colors in the ads since the Drillstem is printed in black and white.

SEND COPIES AND CHECK TO:
CWWCA
1540 S. Holly St. #6
Denver, CO 80222
email: ExecDir@cwwca.org

If you have questions, call the office at 303-759-2294

WEB SITES

Colorado Water Well Contractors Association
www.cwwca.org

American Ground Water Trust
www.AGWT.org; privatewell.com

Board of Examiners
www.water.state.co.us/boe/

Colorado Ground Water Association
www.coloradogroundwater.org

Mountain States Ground Water Association
www.mountainstatesgroundwater.com

National Ground Water Association
www.ngwa.org

World Wide Drilling Resource
www.worldwidedrillingresource.com

CWWCA CONTACTS

Executive Director:
Sherry Engleberg
CWWCA
1540 S. Holly #6
Denver, CO 80222
Phone: 303-759-2294
Fax: 303-757-0158
E-Mail: ExecDir@cwwca.org

Jack G. Byers, PE
Applegate Group, Inc
Water Resource Advisors for the West
Senior Water Resources Advisor
jack@byersgroupinc.com
jackbyers@applegategroup.com
President’s Letter

One of the issues that has my attention in the last several months and has gathered a lot of interest nationally is hydraulic fracturing in oil and gas wells. On Feb 18, Henry Waxman (D-CA) and Rep. Edward Markey (D-MA) announced an investigation by the House committee on Energy and Commerce into the technology and its impact on environmental resources. Primarily the concern is with natural gas wells and the hydrofracture fluid’s impact on ground water quality. Groundwater professionals, while expressing concern about groundwater contamination with oil/gas well fluids also are worried that EPA regulation of hydrofracturing could also impact the use of the process on water wells. The full memorandum from Waxman’s committee can be found here: energycommerce.house.gov/Press_111/20100218/hydraulic_fracturing_memo.pdf

One of the reasons for the new investigation was due to some concern that fracking companies were not following voluntary EPA guidelines. In 2003 a Memorandum of Agreement between the EPA and the three predominant oil and gas hydraulic fracturing companies was released. Since then there are several smaller firms, who have begun using the technique, who have not agreed to the voluntary guidelines. What complicates things is that some firms have refused to divulge all of the proprietary components of their hydrofracturing fluids. It is known that, in addition to the hundreds of thousands of gallons or more of water, additives like diesel and other hydrocarbons as well as solvents like toluene are used. The concern, of course is that all these injected compounds could contaminate the groundwater above the fracking zone and around the borehole in the event of casing / grouting failure. The EPA agreement can be found here: www.epa.gov/ogwdw000/uic/pdfs/moa_uic_hyd-fract.pdf. In contrast water well operations use a rela-

(Continued on page 5)
COLORADO PUMP & SUPPLY

A COMPANY WITH KNOWLEDGE OF THE PUMP INDUSTRY
FROM THE FIELD SIDE AND FROM THE TECHNICAL SIDE.

OUR NAME SAYS IT ALL!
CPS IS A COLORADO BUSINESS.
WHEN YOU BUY FROM CPS,
YOUR MONEY STAYS IN COLORADO
TO SUPPORT OUR ECONOMY,
TO SUPPORT OUR STATE.
WE OFFER TOP QUALITY IN ALL WE DO!

QUALITY PRODUCTS:
Franklin Pump Systems (Jacuzzi)
*Monarch Pump * Berkeley Pump
*Merrill * Baker * Campbell * Simmons
* Flowmatic * Maass

QUALITY SERVICE:
100 YEARS OF INDUSTRY EXPERIENCE TO
HELP YOU IN YOUR BUSINESS.

CPS PUMP HOTLINE.....
1-800-289-2777 (Denver)
1-970-484-9300 (Ft. Collins)
1-719-574-2400 (Co Springs)
tively small volume of clean water. Additives are used infrequently and when they are, the compounds are typically NSF approved for potable water. Water well hydrofracturing is less likely to use proppants to hold fractures open and when used is typically silica sand.

Colorado Rep. Diana DeGette introduced an amendment May 26th calling for full disclosure of hydraulic fracturing fluids to a bill meant to strengthen the Safe Drinking Water Act. HR 5320, the “Assistance, Quality, and Affordability Act of 2010,” was introduced May 10 by Rep. Henry Waxman. For a variety of reasons the amendment was quickly withdrawn. The language of DeGette’s amendment did not differentiate between water well and gas well hydrofracturing. Chris Reimer, the National Ground Water Association Legislative Affairs Coordinator, indicated that this amendment could have added days or weeks to the EPA permitting process for water well hydrofracturing jobs.

On June 10 DeGette along with Jared Polis, D-Co, and Maurice Hinchey D-NY have introduced to the house a bill, HR2766 dubbed the FRAC Act (Fracturing Responsibility and Awareness of Chemicals Act). The purpose of this bill is to amend the Safe Drinking Water Act to give the EPA authority over hydraulic fracturing. This bill does a better job of differentiating oil and gas production in the regulation, but still appears to require disclosure of chemicals for water well hydrofracturing. A matching bill is in the Senate. S1215 is sponsored by Bob Casey D-PA and Chuck Shumer D-NY. Both bills are in committee now.

Whether you support oilfield fracking or not it is important that any forthcoming legislation differentiates between water well and gas well fracturing. The NGWA is working to do this by meeting with legislators, to educate them about the differences. The NGWA position is primarily about differentiating water well and gas well processes. The position does not include any opinion about oil and gas well hydrofracturing’s impact on groundwater resources. The NGWA’s position paper can be found on the CWWCA forum: www.cwwca.org/bb/index.php?topic=8.0.

This topic is a good example of why it is important to stay engaged with what is occurring on a national level. Contacting your senator or representative is an easy way to let them know what their constituents are thinking. Your contact with them can also be surprisingly effective in educating them and influencing their votes. You can find the contact information for you legislator on the House and Senate websites: www.house.gov and www.senate.gov.

At the CWWCA mid-year conference, one of the presentations is about hydrofracturing so perhaps we will get a chance to further discuss these issues. See you there.
The Colorado Legislature convened January 13, 2010 and is scheduled to adjourn May 12, 2010. There have been 432 bills introduced in the House of Representatives. There have been 217 bills introduced in the Senate.

Key legislation included the following:

**House**
- HB-1006 - Fund Water Resources Tier 1 Operational Postponed Indefinitely
- HB-1087 - CONCERNING THE ELIMINATION OF THE REQUIREMENT THAT AN EMPLOYER WITHHOLD COLORADO INCOME TAX. Postponed Indefinitely
- HB-1172 - CONCERNING THE REGISTRATION OF MOBILE MACHINERY IN ORDER TO PAY SPECIFIC OWNERSHIP TAX.
- HB-1190 - CONCERNING THE SUSPENSION OF THE EXEMPTION FROM THE STATE SALES AND USE TAXES FOR FUELS USED FOR INDUSTRIAL PURPOSES.
- HB-1199 - CONCERNING A TEMPORARY LIMIT ON THE STATE INCOME TAX DEDUCTION FOR A NET OPERATING LOSS.
- SB - 086 CONCERNING A PHASED-IN EXEMPTION FOR FULLY DEPRECIATED BUSINESS PERSONAL PROPERTY.
- SB - 093 CONCERNING THE ORDERLY RESOLUTION OF CLAIMS IN FORECLOSURES INVOLVING JUNIOR LIENS.
- SB - 110 CONCERNING THE ENFORCEMENT OF OFFENSES INVOLVING FAILURE OF CERTAIN PERSONS IN A VEHICLE TO USE AN APPROPRIATE RESTRAINING DEVICE.
- SB - 112 CONCERNING RATE SETTING FOR WORKERS' COMPENSATION INSURANCE.

**Senate**
- SB - 1190 - CONCERNING THE CREATION OF AN INCOME TAX CREDIT TO INCENTIVIZE COLORADO BUSINESSES TO REHIRE LAID-OFF WORKERS SOONER.
- SB - 144 CONCERNING THE REGISTRATION OF EQUIPMENT MOUNTED ON A MOTOR VEHICLE.

(Continued on page 7)
In general there were few issues requiring action by CWWCA. The focus was on budget issues and repeal of tax exemptions and incentives to balance the budget. Several issues relating to the Division of Water Resources were eliminated early in the session. The initial proposal discussed prior to the session regarding well permit fee increases never garnered the support necessary to be introduced. There will be a continued effort by the DWR to prioritize resources on critical issues and programs.

I anticipate continued limitations on well inspectors travel and time. Well permit numbers, with the exception of coal-bed methane permits, will not likely increase significantly.

The legislative reports will migrate to monthly information on key budget and interim committee activities. I will continue to coordinate with a few key lobbyists and political insiders to identify issues of interest.

Technical Coordination Activities
Several activities are underway based on discussion and direction from the Executive Committee and CWWCA Board. In addition, several miscellaneous contacts and technical responses occurred during the reporting period.

The Membership and Board have assigned several tasks related to coordination with the Board of Examiners and Division of Water Resources. The following summarize those tasks and the current status:

1. Present the CWWCA concerns regarding the current Well Construction and Administrative Rules (Rules) based on the currently available data and CWWCA’s review of the Rules.

2. Propose a collaborative and cooperative effort with the BOE, DWR, and others to consider opportunities to improve the current Rules which may result in future rulemaking activities.

3. Discuss continuing education concerns and engage in a cooperative effort to improve the continuing education outcome including potential improvement in course content, continuing education accessibility, and course approval criteria.

4. And lastly, work with the BOE/DWR staff to improve communication with CWWCA membership, licensed contractors, and potential contractors.

I met with Dave McElhaney and Nolan Lloyd on March 11, 2010 to discuss the items above. I am concerned with the mileage restrictions, impact on workload and the pending budget issues. We have scheduled additional meetings on the specific topics in after the 2010-2011 budget is determined by the legislature. I provided a substantial discussion regarding the Rules, CWWCA/DWR coordination in the last Drillstem. Consistent with the direction from the Board and membership the discussion with DWR focused on potential schedules, resources and process related to Rule review and potential revision. At this time DWR is not planning for nor budgeting for a revision of the rules. Although the information provided by CWWCA may indicate specific areas within the Rules that may require modification DWR is not initiating any action at this time.

DWR is interested in working with CWWCA and BOE on several issues including license use, experience, and education/training.

I provided response to NGWA regarding Geothermal Heat Pump System inquiry on regulatory oversight and licensing requirements. The response was coordinated with DWR which provided an excellent summary of the requirements in Colorado.

BOE technical board position; the current technical (engineer or geologist) position will be vacant in June 2010. The person currently in the position is not eligible to be reappointed [C.R.S. 37-91-103(2)]. I have submitted my application and appreciate the support of CWWCA.
Driller and/or Pump Installer Apprenticeship Program

This apprentice program supported by the Colorado Water Well Contractors Association (CWWCA) is a voluntary program for CWWCA members, developed to assist individuals that would like to obtain a water well driller license and/or a pump installation license in the state of Colorado. Records will be kept by the CWWCA and available to the applicant to provide proof of experience to the Board of Examiners (BOE) during the license application process.

(a) A person who wishes to undertake the CWWCA approved apprentice program under the supervision of a licensed well driller and/or a licensed pump installer who has been licensed for a minimum of two years, must submit a registration form (Form Attached) to the CWWCA and provide proof that the licensed well driller and/or pump installer has agreed to accept the responsibility of supervising the training. A driller or pump installer may not supervise more than three apprentices at any one time. Persons with both a well driller and pump installer license may register a maximum of six apprentices (three of each type) at any one time.

(b) A registered driller or pump installer apprentice shall represent his supervising driller or pump installer during operations at the well site.

(c) The CWWCA Board of Directors shall review driller and/or pump installer registration forms.

(d) A registered driller/pump installer apprentice may not perform, or offer to perform; any services associated with drilling or pump installing except under the supervision of a licensed driller/pump installer and according to the supervising driller/pump installer’s express directions. A driller/pump installer apprentice’s registration may be revoked for engaging in prohibited activities.

(e) Registration forms shall include:

1. The name, business address, and permanent mailing address of the apprentice in training
2. The name, business address, and license number of the licensed driller and/or pump installer who will supervise the training
3. A detailed description of the training program, including the types of wells to be drilled and/or the classifications of pumps to be installed, equipment used, safety training and procedures, and experience, knowledge, and qualification benchmarks while under apprenticeship.
4. The effective commencement and termination date of the training program
5. A statement by the licensed driller and/or pump installer accepting financial responsibility (under the licensed contractors bond) for the activities of the apprentice associated with the training program or undertaken on behalf of the licensed driller or pump installer, and
6. The signatures of the apprentice and the licensed driller and/or pump installer and the sworn statement of both that the information provided is true and correct.

(f) If the application conforms to the rules and the apprenticeship program meets the CWWCA requirements, the CWWCA will notify the apprentice and the supervising driller and/or pump installer that the applicant has been accepted as a registered driller and/or pump installer apprentice and that the registration form shall remain in the CWWCA’s files for the stated duration of the apprentice program.

(g) If the application and apprentice program do not conform to the rules or is not approved, the CWWCA shall notify the apprentice and the apprentice’s supervising driller and/or pump installer of the disapproval.

Responsibilities of the Apprentice and Supervising Driller and/or Pump Installer

(a) A registered driller/pump installer apprentice shall:

   represent his supervising driller/pump installer during operations at the well site:

   driller/pump installer apprentice shall co-sign the state reports (in the remarks area under Section 5. GEOLOGIC LOG of the Well Construction and Test Report for well drillers and under Section 9 on the Pump Installation and Test Report for pump installers. If a replacement pump is installed a Pump Installation and Test Report should be filled out and sent to the CWWCA, even though it is not required by the State.) with the supervising driller/pump installer until the required number of installations is achieved; and

(Continued on page 15)
Apprenticeship Program Announcement

To CWWCA Board and its Membership:

At the regularly scheduled meeting of the Board of Examiners of Water Well Construction and Pump Installation Contractors on April 6, 2010, Mr. Peter Berglund provided a summary and outline for the formation of an apprenticeship program for drillers and pump installers. Although it is believed that the Board of Examiners presently lacks the necessary statutory authority to adopt and operate an apprenticeship program, the Board expressed its support of the concepts presented at the meeting and support for CWWCA’s efforts in developing a program. The Board believes an apprenticeship program would benefit the water well industry, the association, the individual contractors that participate in the program, certainly the apprentices, and would provide needed documentation of training and experience the Board requires in its effort to license qualified and experienced contractors. The Board encourages CWWCA to continue to explore and pursue the establishment of an apprenticeship program.

Sincerely,
Scott Cuthbertson, P.E.
Assistant State Engineer
Secretary, Board of Examiners

A Guided Nature Hike
Breckenridge, CO
July 9, 2010
12-2 pm

Join the Breckenridge Recreation Department for a very special, private hike.

Our guides will take you through some of the most beautiful alpine terrain Breckenridge has to offer.

Along the way, you’ll learn about the local flora and fauna as well as the local history of Breckenridge.

This hike is easy/moderate in physical exertion.

Children above the age of 6 are welcome!
PROBLEM: LOW PRESSURE

SOLUTION: SUBDRIVE INLINE 1100

Supplying Consistent Water Pressure

Franklin Electric’s Sub Drive Inline 1100 provides constant pressure for both private wells and municipal/city water systems.

Features:

- A complete and package system
  - Pump, motor, drive and pressure switch in one box
- Small and compact design
  - Fits into small areas, even between floor joists
- Stainless steel construction
  - Made for years of operation
- Simple and easy installation
  - Step-by-step illustrated instructions
- Quiet and cool operation
  - Integrated motor design allows water to flow around it
- NEMA 4 electronics enclosure
  - Can be installed indoors and outdoors
- Multiple mounting configurations
  - Lets you install the units where you need it: Horizontal, vertical & even upside down

2M Company, Inc. Denver
4370 Glencoe • Denver, CO 80216
Phone: 303-320-4631 • Fax: 303-320-4635
Toll Free: 800-336-4631
www.2mco.com
Dividend Checks, Ahoy! Your dividend checks from the association program with Pinnacol Assurance have been mailed. Hopefully, all eligible participants have received their checks by now.

The program paid back $25,665. It delights us to see so much money being returned to your businesses. Remember that it’s your continued dedication to workplace safety that makes this all possible. Keep up the good work!

The Summer Wind Came Blowing In...

We all know that this time of the year can be as dangerous as it is beautiful.

Summer heat seems to be the silent assailant, sneaking up on the unaware.

Heat related illness takes more lives per year than lightning, hurricanes, tornados, earthquakes, or floods. Yet, it goes largely ignored.

Most heat exhaustion is caused by improper hydration. Drinking a steady amount of water everyday can keep your body from suffering the devastating effects of the heat.

Symptoms consist of dizziness, weakness, nausea, headache, or vomiting. Allowing this to continue can lead to heat-stroke which can be deadly.

By the time heat-stroke begins, sweating has stopped and the body has lost its ability to cool itself. Immediate medical attention is needed.

Stay conscious of your surroundings; don’t ignore your thirst or feelings of being overheated. And, enjoy your summer!

Don’t Be Hard Headed, Just Be Cool

Didn’t your mother always tell you, “Safety first!”

Well, mom was right, especially when you’re out there working on the job site.

Hard hats are an important feature of making sure that you and your crew stays safe.

These days’ hard hats have become somewhat of a fashion statement. Available in a multitude of colors and styles, hard hats help boost morale and create a team atmosphere.

Of course, hard hats protect your noggin from falling objects, but they also protect from electrical shock, splashes, spills and drips, and almost anything else you can think of.

Remember, safety first. Nothing is more important than making sure you’ll be able to show up on the job site tomorrow and the next day, no problem.

Eager to get started? Give us a call today. We can start working on your policy anytime during the year. We look forward to working with you!
*ANNOUNCEMENT*

2010 WATER WELL METER TESTING CLASS

The Colorado Division of Water Resources has scheduled a Water Well Meter Testing Class. Well Measurement Rules throughout Colorado require that Water Well Meter Tests be performed. This Class will present and explain the Measurement Rules and demonstrate approved Testing Methods. Course work will address all DWR Measurement Rules including the Coal Bed Methane Wells in Division 2.

The Class will be held in Pueblo, CO on July 27 – 29. Cost of the Class is $250 per person for three days of classroom instruction and field exercises. Class participants are required to pass both written and practical tests to become Certified Testers. Registration deadline is July 12, 2010.

The Class is designed to give an overview of Ground Water Hydrology, Well and Pump Hydraulics and Water Measurement Methods and to describe and demonstrate methods of collecting and analyzing data for determining power coefficients, verifying totalizing flow meter accuracy and evaluating well efficiency.

Anyone interested in performing Water Well Meter Testing, including Well Drillers, Pump Installers, Meter Installers and Consultants, are invited to contact the Division of Water Resources, are invited to contact the Division of Water Resources for more information. Contact Elizabeth Pottorff in Denver, Bill Tyner in Pueblo or Dave Keeler in the Republican River Basin:

Mailing Address: Colorado Division of Water Resources 1313 Sherman Street, Room 818

Email Address: elizabeth.pottorff@state.co.us Bill.tyner@state.co.us dave.keeler@state.co.us

REGISTRATION FORM
2010 CWWCA MID-YEAR CONFERENCE
BRECKENRIDGE, CO

Please Type or Print
Company Name
Registrant I
Registrant II
Registrant III

Mailing Address
City, State, Zip
Phone ______________________ Fax ____________________ e-mail ____________________

NOTE******Full Registration Fee includes admission to all Courses,
And Friday Lunch  And Friday Dinner, July 9 And Saturday Breakfast, July 10

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******NOTE **These are “additional tickets”
For Friday Lunch Only | $20.00 | | |  |
For Friday Dinner Only | $48.00 | | |  |
Children under 13-price of dinner | $22.00 | | |  |

TOTAL $ __________

Method of Payment: Check Number __________
Credit Card: ______ Visa _______ Master Card _______ Discover
Credit Card #: ___________________________ Expiration Date ______

Signature

Please return your remittance and completed registration form to: CWWCA, 1540 S.
Holly St. #6, Denver, CO 80222 Phone #303.759.2294 Fax:303.757.0158

Cancellation Policy: Full registration fees will be refunded prior to June 25, 2010. A $50 fee will be charged for cancellations submitted between June 26, 2010 & July 7, 2010. No fees will be refunded after July 7, 2010. All cancellation requests must be submitted in writing to the CWWCA office. If you have a disability and may require special accommodations please notify us in writing at least (2) weeks prior to the conference.
Big Iron... You need it, we got it.

- Custom built to meet demand
- Ductile Iron bowls/discharge/motor adaptor
- Same price as cast iron pumps!
- All stainless steel impellers
- Built AND shipped same day
- Franklin motors stocked through 100hp

Your Emergency is OUR Emergency!

2M Company, Inc. Denver
4370 Glencoe • Denver, CO 80216
Phone: 303-320-4631 • Fax: 303-320-4635
Toll Free: 800-336-4631
www.2mco.com
perform services associated with drilling, deepening, or altering a well and/or installing pumps under the supervision of the supervising driller/pump installer.

(b) A registered driller/pump installer apprentice may not perform, or offer to perform, any services associated with drilling, deepening, installing a pump or altering a well except under the direct supervision of a licensed driller/pump installer and/or according to the supervisor’s express directions. A driller/pump installers apprentice’s registration may be revoked for engaging in prohibited activities.

(c) Upon completion of a training program of at least two years and the completion of at least 20 wells (new and/or redrills) and/or the installation of 20 pumps (new and/or replacement), an apprentice may apply to obtain a well driller’s/pump installer’s license or to renew the status as an apprentice. The supervising driller, pump installer or apprentice may terminate the training program by written notice to the CWWCA. A reason for termination is not required. Upon receipt of the notice, the CWWCA shall terminate the apprentice’s status as a registered apprentice.

(d) Upon renewal of an apprentice registration, the supervising driller and/or pump installer shall provide the CWWCA a written progress report on the aforementioned training segments pertaining to the apprentice’s stated training program.

(e) the licensed driller and/or pump installer shall be present at the well site at all times during all operations or may be represented by a registered apprentice capable of immediate communication with the licensed driller or licensed pump installer.

(f) The licensed driller and/or pump installer is responsible for compliance with the Rules and Regulations for Water Well Construction, Pump Installation, Cistern Installation, and Monitoring and Observation Hole/Well Construction (Construction Rules) 2 CCR 402-2.

(g) If the supervising driller or pump installer is unavailable, he may be represented by another licensed driller or pump installer who:

1. is employed by the apprentice’s employer; and

2. is either at the well site or can be reached by phone or radio.

Continuing education as it applies to the apprentice program
By the end of each year of apprenticeship the apprentice must attain two continuing education hours. At the end of the apprenticeship, the apprentice must comply with the existing rules for continuing education as set forth in the BOE rules 2 CCR 402-14 concerning continuing education to obtain a drillers and/or pump installers license. A Continuing Education form (similar to the one provided to the licensed contractors by the State during the renewal process each year) will be provided to the apprentice at the end of each calendar year so the CE’s earned can be documented. A copy of this form will then be sent to the CWWCA and be added to the apprentice’s file.
S6,000 SEMCO Pump Hoist, 44’ Derrick, 2 Speed Winch, 16,000# Capacity Triple Line Option, PTO-Direct Mount Pump, Remote Control, 2-PipeRacks w/ Straps, 2-Aux. Hydro Valves, Light Kit for Mast, 1500’ Cap. Sand Reel Hydraulic Oil Cooler, 108 Service Body, Mini Bed, HD Air Bumper w/ Rec. Hitch, Painted Blue & White, w/ 2008 Ford F-550, 6.4L V8 Power Stroke, 6 Speed, 4X4, White, 84”CA, White - $76,940.00

Tooling in Stock

PVC Pipe Elevators 1”-16”  Pipe Elevators 1”-16”  Hydrench Air & Hydraulic

Kwik Klamp- Pipe Holder  3/4 - 2” Fishing Tool  1-2” Baker Pipe Elevators
2010 CWWCA MEMBERSHIP APPLICATION

Last Name_______________________________First Name___________________Initial_____

Company Name_________________________________________________________________

Address________________________________________________________________________

City_______________________________State___________Zip Code_____________________

Telephone____________________________Fax_______________________________________

Other Phone Contact_____________________________________________________________

e-mail address___________________________________________________________________

**********DO YOU WISH TO HAVE YOUR NAME LISTED ON THE WEB PAGE?     YES      NO

LICENSE # __________________(WE MUST HAVE THIS TO PLACE YOU ON THE WEB PAGE)

**********Please circle yes or no, otherwise we will assume that your answer is NO***************

Please check the appropriate membership category

_____ 1. Drilling Contractor (owner or manager of a well drilling business) $175.00
_____ 2. Pump Installation Contractor (owner or manager of a pump installation business) $175.00
_____ 3. Drilling and Pump Installation Contractor (owner or manager of both businesses) $175.00
_____ 4. Associate (any person or firm engaged in the manufacturing or selling of equipment services for the water well industry) $175.00
_____ 5. Technical (an hydrologist, geologist or engineer involved in teaching, research, consulting or government services concerned with the ground water industry) $ 40.00
_____ 6. Retired (retired members wishing to retain membership privileges) $ 40.00
_____ 7. Affiliate (professionals having an interest in the water well industry) $ 40.00
_____ 8. Employees (employees of members---$20.00 each employee) Please list name and address of each employee $ 20.00
_____ 9. Student $ 20.00

VOLUNTARY CONTRIBUTION TO THE CWWCA BUCK LIVELY SCHOLARSHIP FUND THANK YOU!!!! $___

****Voluntary Contribution-Upgrade Website Member List $50.00****** $___

TOTAL $___

Method of Payment

Check #___________Amount____________

Credit Card _______VISA_______MASTER CARD______DISCOVER

Credit Card #____________________________________________Expiration Date________

Name on Credit Card________________________________________

Please return your remittance and completed Membership Form to CWWCA

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