

The

Fall 2007

D r i l l s t e m

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Colorado Water Well Contractors Association

2007 CWWCA Directors

Matthew Beeman

Driller at Large
Beeman Brothers Drilling
P. O. Box 5180
Durango, CO 81303
p: 970-259-1195
f: 870-259-6214
e-mail: Beemanwells@aol.com

O. G. Blouin

Director District 4
Ojo Springs Drilling & Well Serv.
601 S Hendren Street
Walsenburg, CO 81089
p: 719-738-3580
f: 719-738-3280
e-mail: dblouin@amigo.net

Carol Dalby

Spouses Director
Dalby Pump Service
P. O. Box 460
Center, CO 81125
p: 719-754-3260
f: 719-754-3260
e-mail: dalbypumpservice@centurytel.net

Ken Dalby

Director District 2
Dalby Pump Service
P. O. Box 460
Center, CO 81125
p: 719-754-3260
f: 719-754-3260
e-mail: dalbypumpservice@centurytel.net

Travis Day

Director District 1
Water Pump Supply & Service
P O Box 24
Meeker, CO 81641
p: 970-878-0165
f: 970-878-0165
e-mail: travisd@nctelecom.net

Allen Hefenieder

Supplier Director
2M Company
4370 Glencoe St.
Denver, CO 80216
p: 303-320-4631
f: 303-320-4535
e-mail: ahefenieder@2mco.com

Jerry Hudnell

Director District 6
DMW Well & pump Service
P. O. Box 99
Burlington, CO 80807-0099
p: 719-346-5348
f: 719-346-7029
e-mail: jamhud@centurytel.net

Todd Hunter

Director District 3
Ground Water Pump Systems
4699 Nautilus Ct South
Boulder, CO 80301
p: 303-443-4395
f: 303-527-2704
e-mail: thunter@travelin.com

Dennis McKay

Supplier Director
Western Hydro
11072 W 44th Ave
Wheat Ridge, CO 80033
p: 303-421-6358
f: 303-421-7954
e-mail: dmckay@westernhydro.com

Joe Meigs

Technical Director
Henkle Drilling & Supply Co.
13027 Weld CR 18 Unit C
Ft. Lupton, CO 80621
p: 303-857-7540
f: 303-857-3826
e-mail: jmeigs@henkleddrilling.com

Dan Niemela

Technical Director
Bishop-Brogden Associates
333 W. Hampden Ave Ste 1050
Englewood, CO 80110
p: 303-806-8952
f: 303-806-8953
e-mail: dniemela@bbawater.com

John Pearson

Pump Installer at Large
Pearson Drilling & Pump Supply
2997 N I-25
Kersey, CO 80644
p: 719-948-9355
f: 719-948-2888
e-mail: pearsondrillingps@hotmail.com

Allen Robbins

Director District 5
A Dbl R Well Service
25269 WCR 50
Kersey, CO 80644
p: 970-284-0255
f: 970-284-0256
e-mail:

2007 CWWCA Officers

Jeff Appel

President
ABC Plumbing & Electrical
Supply
101 Spring Street
Pueblo, CO 81003
p: 719-542-5631
f: 719-542-6762
e-mail: jeff@abcplumbing.com

Jason Fegel

Secretary/Treasurer
GNC Water Well
124 N Hwy 287
Ft. Collins, CO 80524
p: 970-484-6006
f: 970-407-1893
e-mail: jfegel@waterwell.co

John O'Brien

Vice President
Boulder/GNC Water Well
2365 57th Street
Boulder, CO 80301
p: 303-442-1911
f: 303-442-8961
e-mail: john@waterwell.co

Jarod Kuntz

Past President
Kuntz Pump & Well Supply
P O Box 12
Atwood, CO 80722
p: 970-522-2035
f: 970-522-1208
e-mail: kuntzjp@kci.net

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Water Well Construction
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Ken Knox, acting State Engineer,
Secretary - 303-866-3581
Joe Bender, Contractor Member - 303-420-9977
Greg Naugle, Health Department - 303-692-3582

CWWCA Contacts

Drillstem Editor

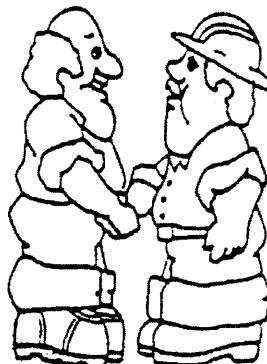
Michelle Dreiling
Dreiling Drilling Company, Inc
P. O. Box 638
Ft. Morgan, CO 80701-0638
p: 970-867-7160
f: 970-867-5965
e-mail: dreilinggm@yahoo.com

Executive Director

Reiner Haubold
CWWCA
8674 W. Warren Drive
Lakewood, CO 80227
p: 303-986-5035
f: 303-986-8375
e-mail: office@cwwca.org

Executive Secretary

Sherry Engleberg
Engleberg & Associates
1540 S. Holly # 6
Denver, CO 80
p: 303-919-5455
f: 303-757-0158
e-mail: dou-blee@idcomm.com



Fall Continuing Education Sessions

Sponsored by:
Colorado Division of Water Resources
and
Colorado Water Well Contractor's Association

Four hours continuing education approved

Locations and Dates

Glenwood Springs - October 16, 2007
2007

1:00 – 5:00 p.m.

Ramada Inn Hotel

124 W. 6th Street

Glenwood Springs, CO

Gunnison – October 17,

1:00 – 5:00 p.m.

Holiday Inn Express

910 E. Tomichi Avenue

Gunnison, CO

Northern Colorado Water Conservancy District

October 23, 2007' 1:00 – 5:00 p.m.

222 Water Avenue, Berthoud, CO

The Division of Water Resources and the Colorado Water Well Contractor's Association are hosting these sessions to discuss the following topics:

Colorado Rules & Regulations for Well Construction & Pump Installation – DWR

Well Permitting – DWR

GPS/Aqua Map – DWR

Use of the NGWA Drilling Cost Calculator - CWWCA

Registration Information

Registration fee - \$20.00 – Submit by October 10, 2007

Please mail or fax your payment along with the date/location of the class you plan to attend to:
CWWCA, 1540 S. Holly Street, #6; Denver, CO 80222; Fax: (720) 748-0555

Methods of payment accepted are: Visa, Mastercard, Discover, Check or Cash

If you have any questions, please call (303) 919-5455.



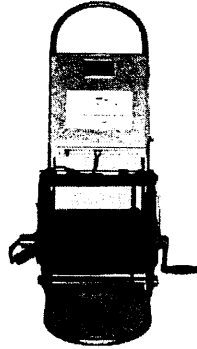
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ing size and wall thickness were also discussed. While in favor of the proposed increased construction standards, Jack Byers asked that CWWCA develop recommended changes to the Water Well Construction Rules for discussion at a future meeting. The CGWA was directed to provide recommendations based upon technical literature and experience. The BOE does not intend to change the rules without the support and mutual authoring by the CWWCA.

Topic: Water Well Contractor License Renewal and Continuing Education Audits

Jack Byers will provide information to Reiner Haubold regarding this topic for publication in a future issue of the Drill Stem. Mr. Byers feels that the State's instructions and rules, which are distributed by mail, are very specific and self-explanatory. The primary benefit of publication in the Drill Stem will be to serve as a reminder of the instructions.

Future Topics:

Contractor and Consultant Responsibility for Adherence to State Statutes and Rules, Geophysical Logging, AquaMap Update and Aquifer Storage & Recovery.

Next Meeting: November 6, 2007 at CDM

Summary of the September 4, 2007, Technical Working Group Meeting.

Attendance: Reiner Haubold, Joe Meigs, Tim Crawford, Dave McElhaney, Jack Byers and Daniel Niemela

Topic: Water Well Construction Rules

CWWCA voted at its membership meeting to explore potential rule changes concerning casing wall thickness, grouting requirements and minimum well diameter. The Technical Working Group discussed these items. Jack Byers provided a background regarding the history of the current Water Well Construction Rules. The current rules were developed in 1999 and 2000. At that time the Board of Examiners supported a greater minimum annular space for grouting than required in the current rules. Those proposed rules faced significant opposition from water well contractors and CWWCA. Input from contractors resulted in the current requirements described in Rule 10.4.4 of the Colorado Water Well Construction Rules. Since then several neighboring states, such as Utah and New Mexico, have required a greater annular space for grouting than Colorado. Minimum cas-

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Dates to Mark in your Calendars

October 2, 2007	Board of Examiners Meeting Denver, Colorado
October 16, 2007	DWR/CWWCA Continuing Ed Class Glenwood Springs, Colorado
October 17, 2007	DWR/CWWCA Continuing Ed Class Gunnison, Colorado
October 23, 2007	DWR/CWWCA Continuing Ed Class Berthoud, Colorado
December 4-7, 2007	NGWA Ground Water Expo Orlando Florida
December 4, 2007	Board of Examiners Meeting Denver, Colorado
January 10-12, 2008	CWWCA Annual Conference Colorado Springs
February 14-16, 2008	Mountain States Expo Laughlin, Nevada
February 25-26, 2008	NGWA Fly-In Washington, D. C.
July 11-13, 2008	CWWCA Mid-Year Conference Breckenridge, Colorado

Delegates to the NGWA Membership Meeting in Orlando

Colorado is entitled to 11 delegates at NGWA's Ground Water Expo in Orlando in December. Delegates vote on items brought before them just like at our membership meeting. Only water well contractors who are NGWA members are eligible to be a delegate and they must be endorsed by CWWCA. NGWA membership is separate from and not automatic with CWWCA membership. Voting on association matters, either national or local, is just as important as voting for legislators, mayors etc. After all, that is what our freedom is all about, participating in the self-determination process.

Any water well contractor planning on going to Orlando in December is encouraged to submit their name to the CWWCA office, the sooner the better. This will allow us to make sure that they receive the proper credentials.

California Groundwater Association Annual Conference and Trade Show

The California Groundwater Association is holding their 59th Annual Convention and Trade Show on November 8 – 10, 2007, in Reno, Nevada. They are presenting an impressive program and over 100 exhibitors are participating in the Trade show.

This convention would be an excellent opportunity for water well contractors who don't have their eight hours of continuing education for 2007 to earn additional credits. CGA has invited CWWCA members to join in the fun and excitement at CGA member prices. Anyone interested in going to Reno and wanting additional information should contact me.

Reiner, 303-986-5035 or e-mail office@cwvca.org.

Thank You Suppliers!

The companies listed below contributed to the Friday reception at the 2008 CWWCA Mid-Year Conference. Their support helped make the evening a success. We are very grateful for their contributions.

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2007 Mid-Year Conference Drawing!

The winner of the drawing for the \$25 gift certificate at the NGWA book store was

Mike Pearson



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Changes to Workers' Comp Act to Affect all Colorado Employers

Article provided by Pinnacol Assurance

Legislature Mandates at Least Two Medical Providers

Effective January 1, 2008, all employers in Colorado will be required to provide a list of at least two medical providers from which an injured employee may choose treatment in the event of a work-related injury. This change to the Colorado Workers Compensation Act – enacted by the Colorado Legislature and known as House Bill 07-1176 – applies to all Pinnacol policyholders, regardless of your policy renewal date.

Other provisions of the law include:

The two designated providers must be at two distinct locations and without common ownership.

Injured workers may make a one-time change in their treating physician by providing notice within 90 days of the injury, provided they have not reached maximum medical improvement. The new provider must be on the employer's designated provider list.

There are some exceptions to the law:

Rural exemption – If there are fewer than four physicians within 30 miles of the employer's place of business willing to treat an injured employee, the employer may instead designate one physician.

Employer-owned medical provider or governmental entity – If the employer is a health care provider or a governmental entity with its own occupational health care provider system, the employer may designate the health care provider from within its own system and will not be required to provide an alternative physician.

On-site health care facility – If the employer has its own on-site health care facility, the employer may choose that facility as its designated medical provider.

A large number of Pinnacol policyholders are go-

ing to be affected – and will need to have additional designated medical providers in place by January 1.

Pinnacol's staff is already taking steps to help policyholders make a smooth transition. We're developing a number of easy-to-use processes to help you identify and choose additional medical providers in your area. **We'll be contacting all policyholders when these processes are finalized, giving you more than ample time to comply with the new law.**

In the meantime, if you have any questions, contact your Pinnacol underwriter or your insurance agent.

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Endorsed by the National Ground Water Association, the program offers the financial stability of The Hartford and the flexibility to use the local independent insurance agent of your choice. To learn more, please contact Nicole Croteau at Willis Programs (the program administrator) at 603 334.3084, or visit their Web site at www.wellguard.com.

www.thehartford.com/commercialprograms

License Renewal 2008-2009 and Continuing Education Requirement

License Renewal 2008-2009 is just around the corner. Gina DeArcos with the Division of Water Resources wanted to remind the contractors that the "Annual Continuing Education Requirement" year is January 1st – December 31st as adopted by Board Policy No. 2007-1. This means that your eight hours of approved continuing education should be completed no later than December 31st of each year and submitted with your license renewal.

You can view the list of continuing education courses at the Board of Examiner's web site at www.water.state.co.us/boe. Click on Continuing Education on the left side and look for "Log of Continuing Education Courses (2007)". You can also call Gina at (303) 866-3581 Ext. 8220 for information about continuing education courses.

Gina will be sending all License Renewal packets in mid-November to give sufficient time for contractors to submit their renewals to the Division of Water Resources. To ensure timely processing of a license renewal, please submit your License Renewal information to the Division of Water Resources no later than January 15th. The sooner the better.

Notes on Continuing Education Credits!

There appears to be much confusion about continuing education credits for water well contractors in Colorado. The statute requires that a contractor must have eight hours of continuing education credits to maintain and renew his or her license. Much of the confusion stems from the BOE's flexibility during the initial phases of this requirement. In order to eliminate confusion, the BOE adopted policy 2007-1 that state that continuing education credits must be earned during a calendar year. Extra credits obtained during one year cannot be accumulated for the successive year's requirements.

In order to provide flexibility for contractors, CWWCA usually offers 10 or 11 hours of approved credits at the annual conference and 4 to 5 hours at the mid-year conference. A contractor attending both conferences could potentially earn 14 to 16 hours of continuing education credits. However, only eight hours can be applied towards the next year's license renewal. Any additional hours earned cannot be used for the subsequent year's license renewal.



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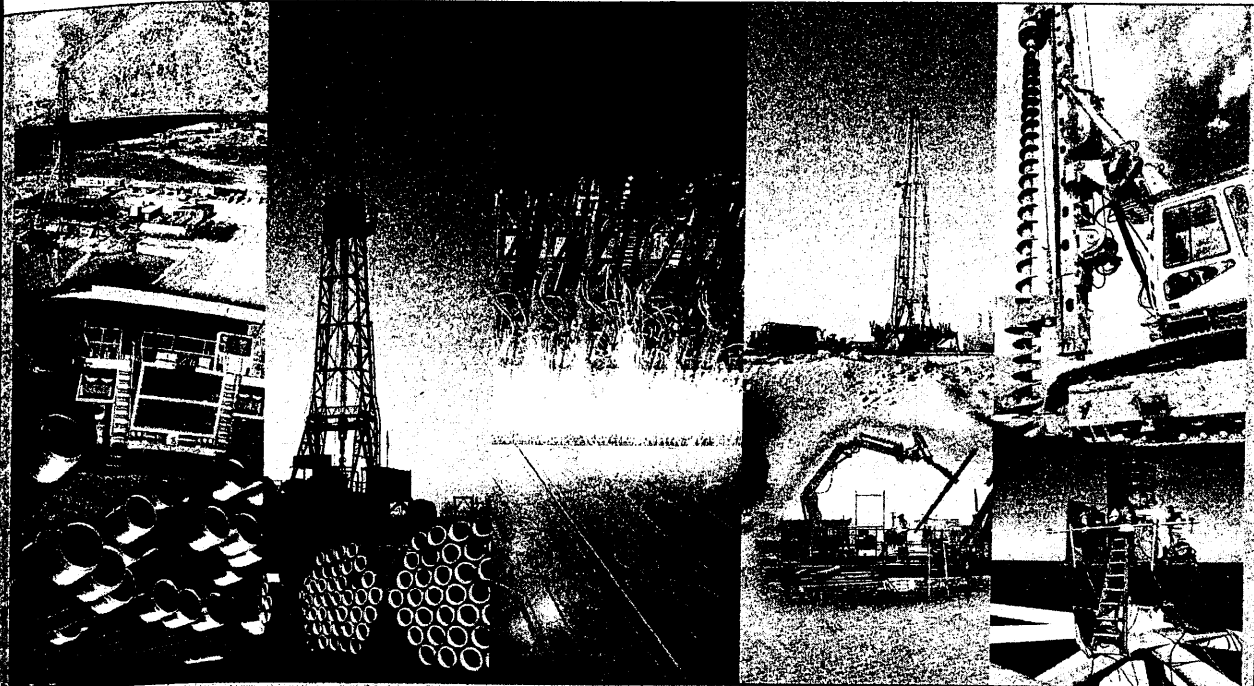
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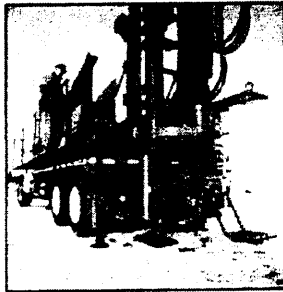
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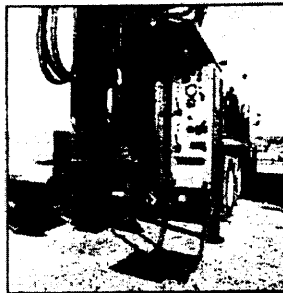
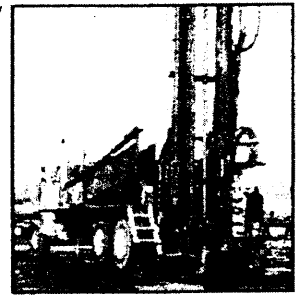
Lower Drive
 Pullback/Pulldown: 42,000 lbs/19,000 lbs
 Torque: 41,700 ft-lbs

900/350 IR Compressor
 PTO from carrier at 500 hp
 Approximate Weight: 52,000 lbs

DR-12W

Top Drive
 Pullback/Pulldown: 46,000 lbs/17,000 lbs
 Torque: 9,700 ft-lbs

Lower Drive
 Pullback/Pulldown: 42,000 lbs/19,000 lbs
 Torque: 41,700 in low-speed casing mode
 5,000 ft-lbs in high-speed rod spinner mode
 900/350 IR Compressor
 PTO from carrier at 500 hp
 Approximate Weight: 58,000 lbs



DR-24

Top Drive
 Pullback/Pulldown: 58,000 lbs/20,000 lbs
 Torque: 9,700 ft-lbs

Lower Drive
 Pullback/Pulldown: 72,000 lbs/33,000 lbs
 Torque: 83,000

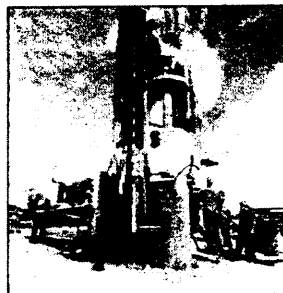
900/350 IR Compressor
 PTO from carrier at 500 hp
 Approximate Weight: 56,000 lbs

DR-24HD

Top Drive
 Pullback/Pulldown: 84,000 lbs/26,000 lbs
 Torque: 9,700 ft-lbs

Lower Drive
 Pullback/Pulldown: 117,000 lbs/42,000 lbs
 Torque: 208,000 ft-lbs

900/350 IR Compressor
 PTO from carrier at 500 hp
 Approximate Weight: 72,000 lbs



DR-40

Top Drive
 Pullback/Pulldown: 84,000 lbs/26,000 lbs
 Torque: 22,000 ft-lbs

Lower Drive
 Pullback/Pulldown: 75,000 lbs/33,000 lbs
 Torque: 250,000 ft-lbs

1150/350 IR Compressor
 Deck Engine at 600 hp
 Approximate Weight: 105,000 lbs

DR-610C

Top Drive
 Pullback/Pulldown: 40,000 lbs/40,000 lbs
 Torque: 21,000 ft-lbs

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 Pullback/Pulldown: 40,000 lbs/40,000 lbs
 Torque: 208,000 ft-lbs

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Continuing Education Random Audit Process

Pursuant to Rule 8.3 and as directed by the Board, the Division of Water Resources is required to conduct an audit of 10% of all active licensed contractors for continuing education compliance each year. To conduct this audit a computer program has been developed to generate this list fairly. The following is an explanation of the random generation of the audit list.

A list of contractors for the annual continuing education random audit is computer generated by using the Board of Examiner's (BOE) database that stores all licensed contractor's information. The program begins by showing the user how many drillers are currently "Active" in the BOE database. The user is then prompted to enter the number of random selections that they wish to be made. In the case of the continuing education random audit, 10% of the total "Active" contractors are typed in for the random selection. From this point on the program is controlled by Visual Basic Code and no human decision making

occurs. The generation of the list of contractors selected to be part of the continuing education audit is run one time with absolutely no exceptions. In other words, the button that is pushed on the computer to generate the list is pushed one time only. Because the program is completely random and keeps no history of previous selections, it is possible that a contractor may show up on the list multiple years.



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