



HARDHOLDER – JULY 2000

BUFFALO CREEK GUN CLUB, INC.

BUFFALO CREEK GUN CLUB MEETING MINUTES – July 18, 2000

A July meeting was not held because of a lack of a quorum. No business was conducted.

JUNIORS UPDATE

- 6 Juniors are going to Camp Perry.
- Alicia Trujillo won the LEG match at the Colorado State Championship. She needs 10 points to make Distinguished. She would be the second woman in Colorado to attain this award..
- Josh Harless won a bronze at the Colorado State Championship

NOTICES

BCGC FAMILY PICNIC & ED HARVEY MATCH
SUNDAY AUGUST 20
MATCH STARTS AT 8:00AM
DETAILS TO BE PROVIDED IN A SEPARATE MAILING

WYOMING STATE SERVICE RIFLE CHAMPIONSHIP
GUERNSEY WYOMING AUGUST 26-27
Contact M. Spungin, Box 94, Guernsey, WY 82214
307-836-2188

BCGC WEB SITE

VISIT THE BUFFALO CREEK GUN CLUB WEB SITE @ WWW.BCGC.COM FOR UP-TO-THE-MINUTE INFORMATION ABOUT **MATCHES, EVENTS, & OPPORTUNITIES**. TAKE ADVANTAGE OF THE **BULLETIN BOARD** TO READ AND POST **NOTICES AND WANT ADS**. READ ABOUT THE **HISTORY OF THE CLUB** AND ABOUT **ONGOING PROJECTS**. READ YOUR **MONTHLY NEWSLETTER ON-LINE** AND TAKE ADVANTAGE OF OUR **"LINKS"** TO SURF THE INTERNET FOR **HIGHPOWER RELATED SUBJECTS**. PLEASE HELP US MAKE THIS WEBSITE A SUCCESS.

For questions, comments, or problems with this web site, contact Mike Bevelhimer @ beve@bewellnet.com

VISIT THE WEBSITE @ WWW.BCGC.COM FOR UP TO DATE NOTICES AND INFORMATION

BCGC 2000 MATCH SCHEDULE

<u>DATE</u>	<u>EVENT</u>	<u>CONTACT</u>
13 August	Smallbore Silhouette	Steve Hawks
19 August	M1 Qualifier Clinic	Mike Bevelhimer
20 August	Family Picnic & Ed Harvey Match	Mike Snyder
3 September	Fall HP Match	Mike Snyder 303-238-5310
10 September	Smallbore Silhouette	Steve Hawks
23 September	John C. Garand Match	Mike Bevelhimer
8 October	Smallbore Silhouette	Steve Hawks
19 November	Bailey Challenge Turkey Shoot	Charlie Lavelle

OTHER AUGUST HIGH POWER MATCHES

5 August	CRC, Clinic	303-986-5740
6 August	CRC, any-any	303-969-7603
26 August	CRC	303-986-5740
27 August	CRC, Long Range	303-456-8227
9 September	CRC	303-986-5740
10 September	CRC, Long Range	303-456-8227
23 September	Boulder	
24 September	Ben Lomond, CMP Highpower	
24 September	CRC, any-any	303-969-7603

Have a complaint or question – contact a club officer.

President	Perry Welch	303/697-0955
Vice President	Norm Austen	303/467-9757
Secretary & Small Bore	Mike Walton	303/757-4304
Treasurer	George Kruger	303/798-5985
Membership Chairman	Dan Gable	303/429-8041
Newsletter Editor	Jack Gaynor	303/721-0742
Junior Executive	Jim Starr	303/466-2525
Silhouette Executive	Steve Hawks	970/532-3432
C.M.P. Coordinator	Kent Beach	303/279-2668
Range Officer	Mike Bogard	303-452-0832
Clinic Coordinator	Mike Bevelhimer	303/816-9002
High Power Executive	Mike Snyder	303-238-5310
Cowboy Executive	Steve Madzo	303-838-7832

VISIT THE WEBSITE @ WWW.BCGC.COM FOR UP TO DATE NOTICES AND INFORMATION

Setting Up Sizing Dies for M1, M14 and M16 Type Semi-Automatic Rifles

Stewart A. Leach

When reloading for semi-automatic rifles, the objective is to size the brass enough for easy, interference free chambering, but not so much as to create an excess degree of case to chamber headspace. Too loose a fit reduces accuracy and brass life. Too tight a fit leads to malfunctions, and danger of a "slamfire", where the cartridge goes off before the bolt is fully closed. Also known as "out of battery ignition", a slamfire can cause serious injury and ruin the rifle.

A few words on dies. Use standard sizing dies, not small base. If your rifle has a GI barrel, which tend to be a bit loose in the base diameter, try the Lee dies. For most factory chambers, or those rebarrelled with Douglas/Barnett barrels, go with the standard dies from RCBS, Lyman, Hornaday, and others. For match chambers, which tend to be a bit tighter in the base dimension, use Redding dies.

Dies should be adjusted to set the shoulder of a case fired in your rifle back 0.004 - 0.005". The best way to do this is with an RCBS or Mo's case micrometer tool, but it can be done without one by following the steps below.

1. Remove the bolt from the rifle, strip it of firing pin, extractor and ejector, and reinstall without op rod, springs, etc. Clean and dry the chamber.
2. Clean and lube at least 15 cartridge cases fired in your rifle
3. Run the sizing die down against the shell holder, and then back off one full turn. Secure the lock ring. Mark the side of the body with felt pen so you can judge adjustments accurately.
4. Size one case, and try it in the rifle. It probably won't chamber easily. Set this case aside.
5. Adjust the die down 1/16th turn and try again with a new case. Keep going down 1/16th turn at a time until the bolt will just close with finger pressure on the op rod lug or back of the bolt carrier. This is zero headspace *for your rifle*. Always use a fresh case after each adjustment.
6. Adjust die down another 1/16th turn, and you will have 0.0045" case to chamber headspace. Size all cases. If they won't all chamber easily, with no resistance, adjust down a bit more.

Cautionary note: Cases sized in a die set up this way will have ideal case to chamber headspace for this barrel, in your rifle. This ammo may not be safe in a new barrel, or in a different rifle. If you rebarrel, set up the die anew. Don't use your ammo in other rifles, or give it to shooters who leave theirs at home.