ALAMO MUZZLE LOADING GUN CLUB

www.amlgc.org

SMOKE SIGNAL

20 September 18

"Our AMLG Club range from space?" Sort of: Medina County Appraisal Dist. Map using "Google Earth" showing the new parcel acquired by the Club. On the map, R7291 & R29999 are the two tracts long owned by the Alamo Muzzle Loading Gun Club, dedicated to the range. Just south is R505465. For now, it is the bank's. That is the new acquisition mentioned in the last month's *Smoke Signal* dispatch.

Congratulations to our members who braved the August heat wave to participate in the modern center fire match Saturday 18 Aug 2018!

Range News

Well, we've still got folks moving forward from the firing lines to shoot a pistol at the 25 yard line. Seems there's room enough for pistoleros to practice on the dedicated *pistol range*. Should we consider making the pistol range *bigger?* How crowded does it get? There are no objections to using a handgun on the 25-yard line, provided the shots are made at *25 yards.* That used to be a standard, albeit one that a focus on pragmatic, defensive-oriented pistol practice has shied away from.

The 18 August 2018 "triple digit" center fire heat? Not sure what to name the match… In any case, here are the scores! To mix things up, all targets used were animal targets rather than circular bulls:

Results of Saturday Center Fire Shoot:

Hunter Class

Bolt action Scoped 100 Yards

1st Clif Denny 100 4x out of 100

2nd John Burke, Sr. 74

3rd Dennis Rich 72

Open Class

Bolt action target rifle Scoped 385 Meters

1st Roger Higginbotham 90 out of 100

300 Meters

1st Roger Higginbotham 91 1x

All targets possible score 100 with 10 shots

<u>September Scores</u>

Rifle

A Class

1st	Frank Collins	150
2nd	Rich Beardsley	125
3rd	Clif Denny	121 1x

B Class

1st	John Moore	133
2nd	John Burke Jr.	132 1x
3rd	Gary Quandt	113

Pistol

A Class

1st	Clif Denny	84
2nd	Dennis Rich	75

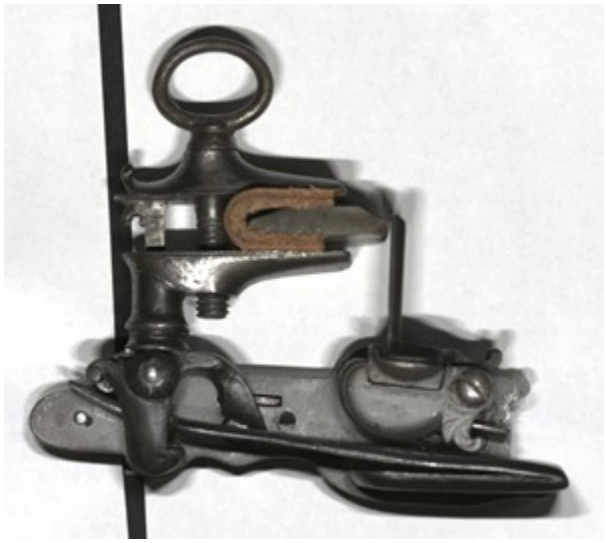
B Class

1st	John Moore	67
2nd	Ian Straus	60
3rd	Greg Delk	57

Top Gun Rifle No Drops

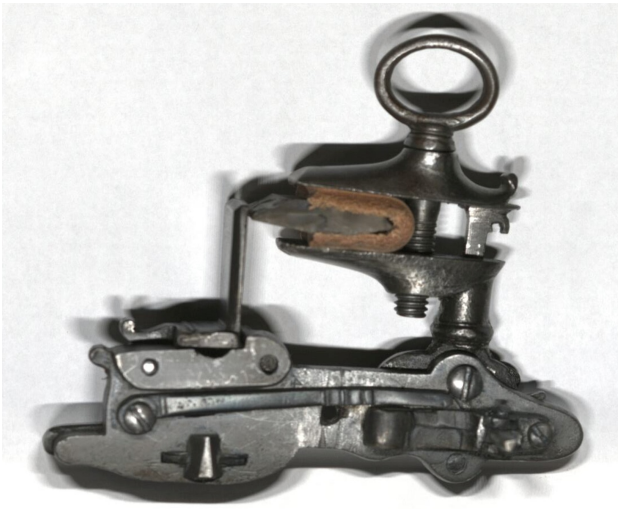
1st	Dennis Rich	1226 5x
2nd	Clif Denny	1058 5x

3rd	John Burke Sr.	960 3x
4th	Rich Beardsley	858 2x
5th	Gary Quandt	815 4x
	Top Gun Pistol No Drops	
1st	Clif Denny	492 2x
2nd	Dennis Rich	448
3rd	Ian Straus	394
4th	Greg Delk	355
5th	John Burke, Sr.	350 2x



The exterior of the Spanish *Llave de patilla.* The ring at the top of the vise-jaws of the hammer or "cat's paw" is a Spanish thing. Note the size of the jaws, to enable the use of non-standard/non-regulation flints, which was an important consideration on the frontier. There is the *external main spring*, fitted through the lock plate, fixed in place by a metal wedge on the internal side. The main spring has a slot to allow passage of the toe of the hammer, which is here held at half cock by a stud on the sear. The main spring narrows so it can fit through a bridle, supporting the "cat's paw" and impinge directly on the heel or "talón" of the hammer. It exerts a strong upward pressure on this heel, supplying the motive force of the hammer at full cock. The frizzen or "rastrillo" with vertical grooves cut into its face to improve sparking is here closed over the pan. It has a separate frizzen spring, which is concealed by a "tapa" or cover. The small rectangle of metal appearing through a slot is the actual sear, which moves horizontally along

with the half-cock mechanism when the trigger is pulled to fire the piece. These protrusions passing through slots in the lock plate at right angles are what define the "Miguelet lock" although the term used at the time was *llave de patilla* or *llave española*—Spanish lock. The more typical flintlock mechanism was termed "French lock."



The *internals* of the Miguelet lock/ *llave de patilla* mechanism. Note the slot in the small lock plate, with a wedge hammered in from below. This is the mainspring. A long spring is secured with a screw just underneath the pan and battery or frizzen. When the trigger is squeezed, it pushes the manual release bar, which is pinned to the lock plate by a vertical pin and slot. On that axis, the sear, which is the forward portion of the same piece, under tension from the spring, is pulled horizontally away from the lock plate. First the lower portion, with a round protrusion is removed from the lock plate, thus removing the half cock. Second, the upper rectangular part is pulled back, which eventually causes the hammer to fly forward under the tension of the main spring, striking the flint against the frizzen and igniting the powder in the pan.