BIG GUNS AGE RAPIDLY.

Only 200 Rounds From a 14-inch G

The life of a gun is measured by the number of rounds fired beyond which the crosion of the bore impairs the accuracy of fire beyond possible limits.

Erosion is produced by the action of the gases at high temperature and pressure. While the time element is small, yet the guns, of course, absorbs heat. This absorption is confined to a thin film of steel on the interior surface.

The local heating causes the film to

minute cracks getting larger at each uscharge.

The process continues until the inner surface gets badly roughened and the lands begin to be eaten away. Finally the bore gets so enlarged that the gasea can escape, the shell does not attain its proper rotation, and the flight of the shell becomes erratic and subject to errors;

which, when the bore is worn out, are removed and replaced with new liners. The cost of this relining a gun can be roughly fixed at 30 per cent. of the cost of the gun.

There appears to be no limit to the number of times that a gun can be relined; hence the life of a gun is indeterminate.

decision as to when a gun should be re-lined, as the criterion depends solely on what is considered as the accuracy de-strable

what is considered as the accuracy desirable.

The small guns used in this country are considered to be worn out after 5,000 to 7,500 rounds have been fired. Small naval guns have been fired about 1,000 times before they were regarded as worn out. Large 12-inch and 14-inch naval guns are considered to have a life of one liner of from 150 to 200 rounds.

Low-velocity guns, such as howitzers and mortars, have correspondingly long, or life than high-velocity guns of the same calibre, because the pressure they use, and hence the temperatures are low-er.—The Iron Age.

Sussex Record—Susex and vicinity now has bought 75 automobiles this season. The majority of these have been sold to farmers, who are rapidly beginning to realize the advantage of the automobile from their standpoint. A milk to town, and the next few years will see a great change in the rapid transport of dairy products.

From the mother's point of vie is always the sins of the father that visited on the children.

The Semi-Meelly Telegraph

& The News

TURKISH ARMENIA ADDED TO RUSSIAN SPOILS OF WAR; GERMAN COUNTER-ATTACK ON BRITISH FRONT IN VAIN

RUSSIANS VIRTUALLY COMPLETE OCCUPATION OF TURKISH ARMENIA

Victors Made Advance of One Hundred Miles Within Week in Erzingan Region

Turkish Forces Reported Practically Demoralized-Great Checker Board of War Used to Advantage by Russians-Critic Warns People Not to Expect End of War Too Soon.

Petrograd, via London, July 27-Russian troops covered a 100

Petrograd, via London, July 27—Russian troops covered a 100 miles in their advance on Erzingan within a week. The capture of that city means the virtual completion of the Russian occupation of Turkish Armenia, and gives Russia the benefit of the extremely fertile valley and opens an easy means of communication to Trebizond, for the western and southern Caucasus armies.

It is estimated that the Turks had between 25 and 30 divisions between the black Sea and Mush—approximately 350,000 men. Three months ago the Turks undertook a comprehensive campaign, intended to recapture Erzerum, and incidentally to draw troops from the Russian European theatre. General Eudenich, the Russian commander in the Caucasus, succeeded, however, in holding the Turks in holding the Turks in the Erzerum district while delivering an effective blow at them in the Mush district. In order to counter this danking from the south, and a similar effort from the north, the Russians were obliged temporarily to abandon Mamakhatun, fifty miles west of Erzerum. The Russians now have captured Trebizond, Baiburt and Gumish Khaneh and re-occupied Mamakhatun.

article on the victory of the Russians at Ersingan says.

This defeat of the best troops of the Ottoman Empire has quite broken the Turkish defence. No further serious offensive can be expected, since only parts of a division from the Constantinople, Thracean and Egyptian armies can be spared to patch up these broken

Discussing the energetic preparations of the Russians for the continuance of the war, General Chouvaieff, minister of war, in an interview with the Russky Slovo says:

'It is necessary to dispel the illusion that the war can end in the

before the final victory.

"This explains the recent orders calling men, ordinarily exempt, to the colors. Russia already has a large reserve, but it is our intention that this reserve shall not diminish. It is fitting also that the foreign races in Russia, who ordinarily would not be obliged to serve, should be recruited, if not in the active army, at least in work connected with the conduct of the war, for all elements in Russia will

Italians Take Prisoners.

in the Asiago Basin, the Upper Botte and Degano Valley. Some places on the Lower Isonzo also were bombarded. The damage was slight, and only a few victims are reported.

"In the Val Arsa, and at the head of the Pozina Valley, on the night of the 25th, the enemy attempted an attack on our position on the right bank of the Leno Torrent, and on the slopes of Corno Del Coston. On the Toneza plateau the enemy is stubbornly resisting our advance in strongly entrenched positions in the woods north of Monte Cimone. Yesterday, however, we succeeded in making some prisoners. In the Triviginolo Valley enemy artillery is active against our new positions.

"The remainder of the front is impact of the contraction of the contraction of the front is impact of the contraction of the front is impact of the contraction of the front is impact of the contraction of the contrac

Rome, June 27, via London—The official statement, given out by the war office today, reads:

"Yesterday on several sections of the front the enemy's artillery was particularly active against towns and villages and the Aslace Paris are the Aslace Paris and the Tourism of the Brown of the Stand of Dolfan, without any warning, by two torpedoes, fired probably by an Italian submarine, three sailors being drowned."

ARE THEY DOWN-HEARTED? NO!



FIGHTING ON

Nothing Standing - Nothing Living" Was Motto of Britishers as They Charged Deville Wood Again Todav-Germans Beaten Back.

With the British Army in the Field,

STRENGTH OF ARMIES ON EASTERN FRONT

New York, July 27-A despatch from Lausanne, Switzerland, to the

New York, July 2/—A despatch from Lausainte Journal says:

"Carefully sifted information today shows that the Germans have on the eastern front about 900,000 men and the Austrians 800,000, of whom they are said already to have lost some 300,000.

"The total of the Russian forces under the orders of General Kuropatkin and General Brussiloff equals 137 divisions of infantry and thirty-six divisions of cavalry, or 2,740,000 bayonets and 162,000 sabres, or a total of 2,902,000 men. General Brussiloff's army alone equals 1,175,000

HAS SECOND GERMAN

What Appeared to be Submarine Passed Sandy Hook Last Night-U. S. Officials Set at Rest on Receiving British Admiral's Statement.

Sandy Hook, July 27—A craft, which appeared to be a submarine, and which observers believed might be the German underwater merchantman Bremen, passed Sandy Hook at 9.03 o'clock tonight.

in Trial of Sir Redmond Roblin and Other Government Officials

V. W. Horwood, former provincial architect, is telling under oath the story of Manitoba parliament buildings. He took the stand in the seekes court this affect.

In East Africa.

me in terongy estremely positions of Monte College Particles and Markey made from 1 of Monte College Particles and Markey and Foundating strong extensions in the Markey of Markey of Panersegule were all the woods north of Monte College Particles and Markey and Foundation of Monte College Particles and Markey and Foundation of Monte College Particles and Markey of Panersegule were all the woods north of Monte College Particles and Markey of Panersegule were all the woods north of Monte College Particles and Foundation and Particles and Markey of Panersegule were all the woods north of Monte College Particles and Markey of Panersegule were all the woods north of Monte College Particles and Markey of Panersegule were all the woods north of Monte College Particles and Markey of Panersegule were all the woods north of Monte College Particles and Markey of Panersegule were all the woods north of Monte College Particles and Markey of Panersegule were all the woods north of Monte College Particles and Markey of Panersegule were all the woods north of Monte College Particles and Markey of Panersegule were all the woods the Woods and the College Particles and Markey of Panersegule were all the woods the Woods and according to the College Particles and Markey of Panersegule were all the woods the Woods and according to the College Particles and Markey of Panersegule were all the Woods and the College Particles and Markey of Panersegule Woods and the College Particles and Markey of Panersegule Woods and the College Particles and Markey of Panersegule Woods and the College Particles and Markey of Panersegule Woods and the College Panersegule Woods and according to the College Panersegule Woods and the College Panersegule Wo

TO RETRIEVE LOSSES ON WESTERN FRONT

Bring Up Further Troops and Guns But British Stick Fast and Consolidate Positions

Severe Fighting All Day, at Nightfall Allies Had Made Sensible Gains; Only Four of Company of Bavarian Regiment Holding Fort in Centre of Pozieres Left Alive When British Finish the Assault.

Paris, July 27, 430 p. m.—The capture of the village of Pozieres from the ermans puts the British in complete possession of this line in the Somme re-

The fight for Porieres lasted eleven days—from July 14 to July 25. The place was defended by 200 machine guns, of which all but thirty were destroyed or put out of action by the British artillery.

A species of fort in the centre of the village was defended by a company of Bavarian infantry. These troops resisted for twelve hours, and at the end of that time only four men were found alive. In a dugout, close by, a heap of bodies remained unburied.

The last defenders of the village were the men of a Bavarian battalion, who

on the caissons, and Mr. Coldwell told him to take instructions from Dr. R. M. Simpson. Dr. Simpson told him he thought \$50,000 should be put on, and Kelly told him "the fools wanted to put in another \$100,000, and could not protect it."

INDICTMENT OUASHED IN CASE OF AUSTRIAN. Sydney, N. S., July 27—The case of Gabre Fehr, accused of treason of subscribing to an Austro-Hungarian war loan, was taken up today before Judge Chisholm at the adjourned sitting of the supreme court. Counsel for the defence contended that the indictment was faulty. The judge concurred in the plea and the indictment was quashed.

PROMINENT BASEBALL

Washington, July 27—An adverse re
Garmany Must Agree.

London, July 27, 6 p. m.—Well-informed persons in war relief circles here for the British government to permit the rations in the offer of the British government to permit the rations in population of areas occupied by the Germans and Austrians, but appear little inclined to be hopeful that Germany will concur in the proposal, which was contingent upon the agreement of the Central Powers not to remove native food supplies.

Reports received from Poland indicate that Germany has been planning to take against our positions on the Schitschara, northwest of Baranovichi. They also were sanguarily repulsed west of Berestecht. Otherwise, apart from an outpost fight on the Komaira, south of Viday, which was only productive of severe enemy losse, there is nothing to report.

PROMINENT BASEBALL

Washington, July 27—An adverse re
Washington, July 28—An adverse re
Washington, July 28—