

CO-MISSIONARIES OR INSURANCE AGENTS.

I have come here to-day with the object of enlisting you as co-insurance agents. Help me by preaching the gospel of preparedness. Use your influence.

Fulfil our debt of honour to our gallant dead.

They fought and died in the belief that they were fighting the Great War which was to firmly establish peace.

They won the victory, but the Great War did not bring peace so their work is unfinished.

Let us consider ourselves dedicated to the great task which lies before us—that of securing the peace, and so be true to our dead and ensure that they have not died in vain.

On Fame's Eternal Camping ground,
Their silent tents are spread;
While Glory guards, with solemn round,
The bivouacs of the dead."

ALBERTA MILITARY INSTITUTE JOURNAL,

PART II.

THE NEW ARMY SIXTEEN-INCH GUN.

Exhibition Firing of the Most Powerful Coast Defence Gun in Existence.

PROOF FIRING OF SIXTEEN-INCH ARMY GUN.

The first exhibit was the most spectacular and, indeed, the most important of all. It was the proof-firing of two 16-inch Army guns, weapons which from time to time have already been discussed in our columns. The first of these was the firing with full charge of a shell from the 16-inch coast-defence disappearing gun. The second was the firing of a similar piece in the new barbette mount. Both of these guns have been designed for our coast fortifications at home and abroad, of which they will form the most important and most powerful elements.

THE PROJECTILE.

The 16-inch projectile is spectacularly big both as to height and bulk. Its exact weight is 2340 pounds. It is provided with a false nose made of light steel, which is screwed on at the forward end of the projectile, and is stream-lined so as to afford the easiest possible entrance for the shell as it passes through the atmosphere. Within the false nose is the blunter actual nose of the shell, which is provided with a cap of soft steel to assist the shell in shattering the extremely hard face of modern armour, so as to open the way for the body of the shell itself. Just how effective the projectile is as an armour piercer may be judged when it will clearly pierce 14-inch armour plate at extreme range.

THE RIFLE.

It can be readily understood that to impart a velocity of over half a mile a second to a shell weighing over a ton calls for a rifle of very exceptional dimensions and power. The 16-inch rifle which was built at the Watervliet Arsenal from designs drawn up by the officers of our Army Ordnance, is so well proportioned that the guests at the recent exhibition, although they were all technical men and familiar with large mechanical constructions, found it difficult to realize that this gun barrel was within a foot of being 70 feet in length, that its bore was 16 inches, and that it weighed 340,000 pounds or 170 American short tons. Another surprise came when