



CERTIFICATE OF INCORPORATION
OF

AMERICAN EXPLOSIVES, INC.

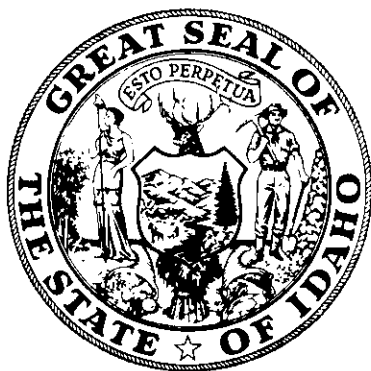
I, PETE T. CENARRUSA, Secretary of State of the State of Idaho, hereby certify that duplicate originals of Articles of Incorporation for the incorporation of _____

AMERICAN EXPLOSIVES, INC.

duly signed pursuant to the provisions of the Idaho Business Corporation Act, have been received in this office and are found to conform to law.

ACCORDINGLY and by virtue of the authority vested in me by law, I issue this Certificate of Incorporation and attach hereto a duplicate original of the Articles of Incorporation.

Dated: August 8, 1984



SECRETARY OF STATE

by: _____

AUG 8 8 38 AM '84
SECRETARY OF STATE

ARTICLES OF INCORPORATION

of

AMERICAN EXPLOSIVES, INC.

The undersigned, acting as incorporator of a corporation under the Idaho Business Corporation Act, adopts the following Articles of Incorporation for such corporation:

ARTICLE I

The name of the corporation is AMERICAN EXPLOSIVES, INC.

ARTICLE II

The period of its duration is perpetual.

ARTICLE III

The purpose or purposes for which the corporation is organized are:

Manufacturing, distribution and marketing of explosives and industrial products and to transact any and all lawful business for which corporations may be incorporated under the Idaho Business Corporation Act.

ARTICLE IV

The aggregate number of shares which the corporation shall have authority to issue is ONE THOUSAND (1,000) shares of no par value.

ARTICLE V

The address of the initial registered office of the corporation is Route 3, P.O. Box 15, Hayden Lake, Idaho 83835 and the name of its initial registered agent at such address is John S. Dick.

ARTICLE VI

The number of directors constituting the initial board of directors of the corporation are three, and the name and addresses of the persons who are to serve as directors until the first annual meeting of shareholders or until their successors are elected and shall qualify are:

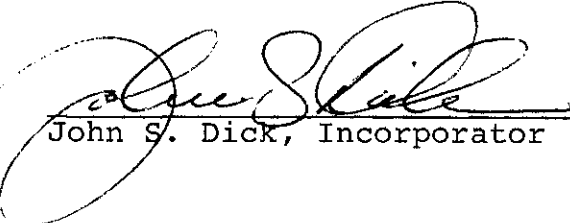
| | |
|-------------------|--|
| John S. Dick | East 10024 Ferret Drive Spokane, Washington 99206 |
| George J. Beattie | Route 4, P.O. Box 157 G Belen, New Mexico 87002 |
| Dan H. Camp | 907 Liberty Drive Liberty Lake, Washington 99019 |

ARTICLE VII

The name and address of the incorporator is:

| | |
|--------------|--|
| John S. Dick | East 10024 Ferret Drive Spokane, Washington 99206 |
|--------------|--|

DATED this 3rd day of August, 1984.



John S. Dick, Incorporator