

RESOLUTION OF THE
WHITE MOUNTAIN APACHE TRIBE OF THE
FORT APACHE INDIAN RESERVATION

WHEREAS, O. J. Arnold, Construction Manager for the Fort Apache Timber Company has recommended that the most efficient carriage for the new sawmill would be the steam driven type, and

WHEREAS, K.M. Macdonnel, in his Feasibility Report re the new sawmill, recommended that an electric amplydine carriage drive be installed in said new mill, and

WHEREAS, O. J. Arnold has recommended that a steam driven carriage drive be substituted for the electric amplydine.

BE IT RESOLVED that the specifications in the K. M. Macdonnel's Feasibility Report, re the new sawmill be modified to provide for a steam gun carriage instead of the electric amplydine.

The foregoing resolution was on December 7, 1961 duly adopted by a vote of 9 for and 0 against by the Council of the White Mountain Apache Tribe, pursuant to authority vested in it by Article V, Section 1 (i) of the Amended Constitution and By-Laws of the Tribe, ratified by the Tribe June 27, 1958 and approved by the Secretary of the Interior on May 29, 1958, pursuant to Section 16 of the Act of June 18, 1934 (48 Stat. 984).

Lester Oliver
Chairman of the Tribal Council

Marion L. Goodwill
Secretary of the Tribal Council

Received in Superintendent's Office

DEC 13 1961

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(Date)

DEC 19 1961

Mr. F. M. Haverland

Area Director, Phoenix, Arizona

Dear Mr. Haverland:

Resolution No. 61-125 resolves that the K. M. Macdonald Feasibility Report on the new sawmill be modified to provide for a steam gun carriage instead of the electric amplydine recommended in the Report. After consultation and individual interviews, the following is the composite of the opinions of all the people contacted regarding a steam gun carriage.

There are three methods of carriage drive in a sawmill:

1. a steam gun
2. an electric amplydine
3. electric air friction

These three different methods of driving the carriage are listed in the order of preference, dependability, speed and smoothness of operation and maintenance cost. Items 2 and 3 are drum and cable drives and are subject to a certain amount of cable trouble and expense. Item 3, electric air friction, is usually wild (hard to control) and maintenance is exceptionally high. This feed, therefore, should not be considered.

Item 2, the electric amplydine, is better than the electric friction and while maintenance costs on the amplydine itself are comparatively low, it uses a cable to drive the carriage which is a limited amount of trouble and expense. This feed, while fairly satisfactory, is slow and will cost production at the mill. It is, therefore, expensive to operate. This feed at its best can not be expected to cut more than nine lines per minute on a 16-foot log.

Item 1, the steam gun feed, has for years, proven to be the smoothest and fastest feed available. As it does not use a cable, it has the lowest maintenance cost of any feed available. Being a smooth feed with an easy positive control, it will increase the life of the carriage several years and being a faster feed, it will increase the cut approximately 15,000 board feet per day. This is based on a figure of 11 to 12 lines per minute, which this feed can easily do. Considering a 12 inch cant, this would mean approximately 15 to 16 thousand board feet per day extra production for this feed.

I have discussed this change with Mr. J. B. Eden, Jr., Plant Manager of Southwest Forest Industries, Inc. at McNary, and he is in complete agreement with the above statements and says that in his opinion the steam feed is far better than any other feed known today. I also discussed this with Mr. Beve Harrison, Sawmill Superintendent for Southwest Forest Industries, Inc. at McNary, who also agrees that the steam feed is by far the best feed and gives as his reasons; the positive control, ease of operation, and increased production. In addition to that he cites the fact that the carriage life is increased for this type of feed. I have also discussed this with Filer & Stowell Manufacturing Company, Sumner Iron Works, Sawyer Machine Works, Albany Machine Works, all manufacturers of sawmill equipment and in every instance they have recommended the steam feed in preference to every other feed available. The following is a statement from Mr. Noble Johnston, present manager of the Fort Apache Wholesale Lumber Company.

I know that the steam feed is the smoothest and the fastest feed and that the steam feed will give you longer life on the carriage and will produce more through the mill. I would advise that if possible, the steam feed should be installed in the mill.

As a steam-generating plant must be installed to furnish steam for the dry kilns, it is recommended that a slightly larger steam-generating plant be installed to furnish steam for the carriage drive and log turner.

This resolution was duly adopted on December 7, 1961 by the Council of the White Mountain Apache Tribe pursuant to authority vested in Article V, Section 1 (1) of the Tribe's Constitution. Under this authority the resolution is not subject to review or approval by the Secretary of the Interior.

Sincerely yours,

VSJ Albert M. Hawley

Superintendent