Guide to Collection

Fox, Harold

Harold Fox Photograph Collection, ca. 1901-1902

PCA 89

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SCOPE AND CONTENTS NOTE

The views include extensive captions by a person familiar with the mines and their operation.

INVENTORY

1. Part of Alaska Treadwell Gold Mine [Buildings along beach]
2. [Gastineau Channel looking south. Admiralty Island Mountains in distance]
3. [City of Douglas with Juneau Island in the foreground, city of Juneau and Mt. Juneau in the background]
4. [Close up of the Treadwell Assay office in the winter, roof of the store, the Assistant Superintendent's residence, Machine Shop and coal bunkers in view]
5. [Miners working a machine drill in the Glory Hole]
6. Part of Alaska Treadwell Gold Mine, Douglas City. [Showing the company's store, on the right, the chlorination works and 300 stamp mill]
8. [Alaska Mexican Gold Mining Co. mill and hoisting plant.]
9. [Alaska Juneau Mine. Two miners working a Burleigh machine drill]
10. Part of Alaska Treadwell Gold Mine and Douglas City. [showing half of the glory hole and mill buildings in the foreground. Juneau Island, Juneau and Mt. Juneau are in view]
11. [Gastineau Channel looking northeast toward Juneau with Douglas dock in foreground]
12. [Alaska Treadwell Gold Mine showing the Superintendent's residence and the Assistant Superintendent's residence in right foreground]
13. [The Steamer City of Topeka loading concentrates at the Treadwell Wharf]
14. [Alaska United Gold Mining Co. The Seven Hundred Mill and hoist]
15. [Three ships, the Cutch, the Aloha, and the City of Topeka in the course of repair near Treadwell Wharf]
16. [View of the hospital at Douglas]
17. [Winter view of the 240 Stamp Mill]
18 [View of the 300 Stamp Mill and the Bears Nest Mill]
19 [Interior of the 300 Stamp Mill showing the battery floor]
20 [Interior of the 300 Stamp Mill showing the vanner room]
21 Juneau Alaska [taken from hill behind city looking toward Gastineau Channel and Douglas]
22 [American Gold Mining Co. Stamp Mill in Silver Bow Basin]
23 Part of Alaska Treadwell Gold Mine and Douglas City [showing part of the Glory Hole, mill buildings, Douglas, Juneau Island and Juneau]
24 [View of the Mexican Mill on fire]

SCRIPT TAKEN FROM ALBUM.

2 Gastineau Channel looking south, taken from the Treadwell boarding house. The high mountains in the distance are on Admiralty Island.

At the southern end of the channel, Taku Inlet enters, from the left, at the junction of the two, is the most dangerous piece of water in all of Alaska.

3 The City of Douglas, with Juneau Island in the foreground. Douglas contains about one thousand inhabitants, and is supported from the Treadwell Mines.

In the distance is the city of Juneau. Mount Juneau which is about two thousand five hundred feet high, can be partly seen through the clouds.

4 A portion of Treadwell, as it is in the winter time. The building in the foreground is the Assay office, just beyond, you may see the roof of the store, and still further is the Assistant Superintendents residence. Down on the wharf are the machine shops and the coal bunkers.

5 Miners at work in the Glory Hole Treadwell Mine. This is a huge pit, shown in one of the accompanying pictures. It is sixteen hundred feet wide, and about two hundred deep, the two men in the upper part of the picture, are working a machine drill, which is operated by compressed air.

6 The large building at the right is the company store. The first window from this end, in the upper story, opens from off my room.

The building at the end of the picture, the one with the big smoke stack, is the chlorination works, which is not in use at present, beyond it is the 300 stamp mill, the largest in the world.
Douglas City, Douglas contains about one thousand inhabitants, it has four churches, a half dozen saloons, one hotel and one brewery. It is a typical Alaskan Town.

The Mexican mill and hoisting plant.

This is the property of the Alaska Mexican Gold Mining Co., it is operated under the same management, and in connection with the Treadwell Mine. This picture was taken before the fire, which partly destroyed it, last winter.

A Burleigh machine drill in operation, at the Alaska Juneau Mine.

This will give you an idea of the Treadwell Glory Hole, the picture shows about one half of it when a blast is fired in it, the rock slides down into chutes, at the bottom, from there it is taken in cars, and hauled to the shaft, then hoisted to the crushers, in the tops of the two tall buildings in the foreground, after being broken up it is again hauled away to the mills.

This shows the extreme end of Gastineau Channel. Every evening in the summer, the sun sets behind the hills in the distance, and then it paints a picture which no artist could reproduce. Imagine these hills a dark purple color, and the clouds overhead, a bright red casting the reflection on the water and turning it all to gold, then you have an Alaska sunset.

The residence of Superintendent MacDonald. The small house is the residence of the Assistant Superintendent.

The Steamer City of Topeka loading concentrates, at the Treadwell Wharf, for shipment to the smelter and Tacoma. The four miners here produce every month about two hundred thousand dollars in sulphurets. These must be shipped to the smelter for treatment.

The Seven Hundred Mill and hoist.

This is the property of the Alaska United Gold Mining Co. and similar to the Mexican is managed by the Treadwell officials.

Ships in the course of repair at Treadwell. On account of its rocky shores navigation in Alaska is very dangerous. It is no uncommon thing, for three or four to be wrecked in this vicinity every winter. The beach here is sandy, and is an excellent place for disabled ships to be repaired. This picture shows the Cutch, the Aloha and The City of Topeka.

The hospital at Douglas. Each man employed by the company is assessed one and one half dollars to maintain the hospital and physician. When sick or injured, this insures them treatment. The hospital is in charge of The Sisters of Saint Anne.

This is the 240 Stamp Mill. It was the first staffs mill erected on Douglas Island and is one of the oldest in Alaska. It is operated by water power in the summer, but in winter the water supply often runs short then steam power is used.
18 The 300 Stamp Mill, the largest in the world. Beyond is the Bears Nest Mill; this mill has never been in operation. It was built for the purpose of selling the mine, which had been salted, the mine was sold for a fabulous sum, but the new owners soon discovered the swindle and abandoned the property.

19 The battery floor at the 300 Mill. The rock is fed automatically from behind the stamps, the stamps are the 5 perpendicular stem, between each set of timbers, each stamp weighs about one thousand pounds.

When the rock is crushed as fine as sand it passes through a screen, onto the plates in front of the batteries, these plates are covered with mercury, which catches all of the free gold.

20 The Vanner Room of the 300 Mill. These vanners are circular rubber belts which are constantly revolving and vibrating.

Some of the rock in the mine carries valves which is not free gold, but a combination of sulphide of iron and gold, this will not adhere to the plates, seen in the preceding picture, so it passes on to the vanners, where it is separated from the sand.

21 Juneau contains about fifteen hundred inhabitants. It is the commercial metropolis of southeastern Alaska. The Federal court, the Marshalls Office, and the Land Office, are all located here. It is destined one day, to be the capital of Alaska.

22 American Gold Mining Corp. stamp mill, situated about four miles from Juneau, in Silver Bow Basin.

The dense shrubbery seen here, is quite different to the ice bound Alaska, which exists in the minds of most people who have never visited the country.