

Lesson Fifty-Two

Panama — A Westward Passage

LESSON IDEA

To describe early efforts to build the Panama Canal, and to show why it is one of the world's most important canal routes.

WHEN NEWS that gold had been discovered in California reached the East Coast in 1848, men from all walks of life quit their jobs, bought axes, pots and pans, and other supplies, and headed for the California hills to strike it rich. They traveled by ship, stagecoach, horseback, and on foot. They didn't much care how they got there, so long as they made it alive.

Travel across the prairie, however, was risky business. Indians were still scalping intruders whenever the opportunity arose. Yet there was an alternative route that had been used for more than 30 years to reach the Pacific. Do you know what it was?

It was across the Isthmus of Panama, 50 miles of sultry, bug-infested jungle in Central America. [Ask if someone can define "isthmus." and be sure that family members know where the Isthmus of Panama is located.] The 50-mile trek through swamps and over treacherous mountain passes was truly onerous. But many travelers preferred taking a chance with malaria and crocodiles rather than having their hair end up as a trophy dangling from an Indian's belt.

Not everyone moving to California during the gold rush planned to pan for gold. Miners required the services of bankers, barbers, doctors, lawyers, merchants, and many other professionals and businessmen. One such entrepreneur was Judson Ames, who speculated that the '49ers would want a newspaper. Leaving Baton Rouge, Louisiana soon after hearing about the gold strike, he arrived in Panama in January of 1850 with a few suitcases and a 1,200-pound hand press. Ames hired eight natives to help him move the press up river on a barge, but no sooner was it pushed into the river than the barge tilted. The press slid over the side, coming to rest on the sludgy bottom.

Ames remained undaunted. He had come that

far with the press and was not going to give up now. Borrowing some rope and grappling hooks from a steamer, he spent the rest of the day striving to lift the press back onto the barge. His native helpers could not budge it. Ames finally became so exasperated, the story goes, that he jumped into the water, lifted the press by himself, maneuvered it onto the barge, and continued on his way.

ONE YEAR AFTER the California gold rush began, three shrewd New Yorkers organized the Panama Railroad Company and received permission from the Colombian government (which ruled Panama at the time) to begin construction of a rail line across the Isthmus. The project posed a plethora of troublesome engineering problems. One of the worst obstacles was the dreaded Black Swamp, a mucky, mosquito-infested area several miles wide. Engineers attempting to measure the depth of the swamp eventually reached solid earth at 180 feet.

Using thousands of tons of earth, the workmen began filling-in the swamp to the point that it would support railroad track. When each small right-of-way was completed, another set of tracks would be laid, the train would cautiously inch forward to test it, and to dump more earth for the next phase. Seven miles of track were laid in this manner, at a cost of over \$1 million. But even when the line opened for limited travel, problems remained. In one instance, when a crew left a train to hunt animals, they returned to find that the swamp had opened up and swallowed the engine and six huge dump cars.

There were also difficulties with the transverse ties used to keep the rails in line. The workmen had used local wood at first, but found that by the time they set the last ties, the first would begin rotting in the humid, tropical climate. The only viable solution was to import hardwood ties to replace those they had already laid.

Crocodiles, mosquitoes, sinking swamps, and rotting railroad ties were not the only dangers

