Malakoff Diggins Statistics

North Bloomfield Gravel Mining Company

- The company owned 1,500 acres total; 1,200 of which is mining ground.

- 348,480,000 cubic yards of auriferous dirt and gravel. At 20 cents per cubic yard, there was a producing capacity of $69,600,000. Eighty percent of the gold is still present.

- Malakoff operation excavated 41 million cubic yards of gravel between 1866 and 1884. This yielded $3.5 million on gold at $17 per ounce.

- 50,000 shares of stock; 45,000 sold at $30.00 per share.

- Hydraulic mining contributed approximately ¼ of California’s gold yield.

- Gold was distributed in the gravel on the average of one part in 12 million.

Malakoff Mine Pit

- 6,800 feet long; 3,800 feet wide; and 600 feet deep.

North Bloomfield Tunnel

- 7,878 feet long; 6 ½ feet high; 6 feet wide; grade of 4 1/2 feet per 100; shafts average 197 feet deep; situated 200 feet below the Hiller Tunnel.

Bowman Reservoir

- Complete in 1876; 96 ½ feet high; stored 930 million cubic feet or 7 1/2 billion gallons of water; cost $151,512.44 to build.

Distribution System

- 43 miles of ditches, flumes, and etc. that cost 700,000. Employed 900 Chinese and 300 Whites in 1868 to build.

- Every foot drop of water in an enclosed pipe creates approximately ½ pound of pressure.

Hydraulic Monitors

- 500 PSI, 16,000 GPM, 1 million gallons per hour. They used 16 billion gallons per year.

- Weighed approximately 1 ½ tons (Hendy Giant), as many as eight in operation at once.

- Washed 50,000 tons of gravel daily.