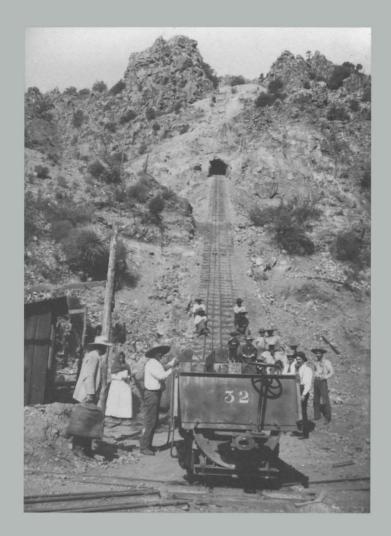
# HISTORY OF MINING IN ARIZONA VOLUME II



Editors J. Michael Canty Michael N. Greeley

### HISTORY OF MINING IN ARIZONA VOLUME II

EDITORS J. MICHAEL CANTY MICHAEL N. GREELEY

PUBLISHED BY



MINING CLUB OF THE SOUTHWEST FOUNDATION TUCSON, ARIZONA

Copyright ©1991 by the Mining Club of the Southwest Foundation—Tucson, Arizona Printed in the United States of America by Malloy Lithographing Inc., Ann Arbor, Michigan All Rights Reserved, this book, or parts thereof, may not be reproduced in any form without permission of the publisher. Library of Congress Catalog Card Number 91-67523

## HISTORY OF MINING IN ARIZONA VOLUME II

#### PREFACE

It is fitting that the second volume of *History of Mining in Arizona* has been published in time for distribution at the 1992 Society for Mining, Metallurgy, and Exploration Meeting in Phoenix. Mining played a major role in the economic development of the State of Arizona. Many of the railroads and roads which now form the excellent transportation network of the state were constructed to transport supplies, minerals, and metals to and from the mining camps.

Lacking the prospectors and miners who found the rich gold, silver and copper deposits, much of Arizona would have remained an inhospitable desert inhabited only by nomadic tribes. Those early prospectors and miners whose exploits both good and bad are described in this book actually not only laid the foundation for the modern high-tech mining industry of today, but also the location of many of Arizona's major urban centers. Today Arizona's mines are still a major source of new wealth providing work for thousands of employees both at mining companies and in the associated service industry. We in Arizona are indeed indebted to those pioneer mining entrepreneurs who risked their money and often their lives to develop that inhospitable desert region in the southwestern United States now known as the State of Arizona.

> Ted H. Eyde 1991 President of The Society of Mining, Metallurgy, and Exploration of AIME

#### FOREWORD

Four years ago, my coeditor wrote that he hoped publication of *History of Mining in Arizona* (Volume I) and its attendant symposium would be the "nucleus for many more." Mike's wish has come true.

Volume II of this series on historical mining in Arizona is an exciting collection of observations, stories, and scholarly articles written on a variety of subjects. Although the "flavor" of this volume may be somewhat different than that of the first, it is certainly no less interesting. The reader is invited to compare the two volumes and determine the character of each.

As editors, we are grateful for the material contained herein. We sincerely thank the authors for their excellent endeavor. Their well-written manuscripts and their presentations at the 1992 Symposium will be forever appreciated.

As co-organizers of the Symposium, we also thank Ms. Domitrovic and Mr. Eady for their herculean effort in obtaining such fine displays to accompany the speakers' presentations. Illustrated conferences such as these will continue to keep interest alive in minerals and mining and in all that the industry imparts to the future of Arizona.

v

Arizona's mining heritage is wonderfully rich, and we have more to tell.

Michael N. Greeley Coeditor

#### CREDITS

AIME—Tucson Section Arizona Department of Mines and Mineral Resources Arizona Historical Society Arrieta, Dominic T. Canty, Susan A. DeConcini, McDonald, Brammer, Yetwin and Lacy, P. C. Greeley, M. Katherine GSA Resources Inc. Manley-Primm Photography Mining Club of the Southwest Foundation Society for Mining, Metallurgy, and Exploration (SME)

### **TABLE OF CONTENTS**

Section		Page
Preface	Ted H. Eyde	iii
Foreword	Michael N. Greeley	iv
Credits		v
Chapter 1	Mining in Hispanic Arizona: Myth and Reality James E. Officer	1
Chapter 2	Arizona's Silver Belt Wilbur A. Haak	29
Short S	Story 1 Three Washtubs of Ore   Wayne Winters, author of short stories	45
Chapter 3	Ethnic Diversity in Arizona's Early Mining Camps Jane Eppinga	47
Chapter 4	Jerome, A Mining Legacy in the Black Hills of Central Arizona Carolyn A. O'Brien	73
Short S	Story 2 The Dude Made Good	107
Chapter 5	Frank M. Murphy—Arizona Gold Miner H. Mason Coggin	
Chapter 6	Arizona Mining Camp Tokens Hal Birt, Jr	139
Short S	Story 3 The Moonshiner's Mine	
Chapter 7	A History of the Mines at Tiger Kim K. Howell	163
Short S	Story 4 The Mystery of the Missing Bags of Ore	
Chapter 8	A Woman's Place Anna Domitrovic	205
Chapter 9	The History of Mining at Superior Gladys Walker and T. G. Chilton	229
Short Story 5 He Loved His Anvil		
Chapter 10	Pursuing Segments of the Glass Snake; The Battle for the Big Jim John C. Lacy	
Author's Biography		