January 17, 1951

Draft 181

Memorandum

To: W. R. Storms

From: Chief, Mining Division, Region IV

Subject: Report on Climax Molybdenum Mine, Climax, Colorado.

As I recall, you were given a complete copy of the above report for reference in preparing your San Manuel report. Since we do not have other complete copies in this office, will you kindly return the one loaned you.

Paul T. Allsman

PTA:ftm

Sub. File
Chron. File

Mining Division
Region IV

December 4, 1950

Air Mail
Special Delivery

Memorandum

To: Mr. J. H. Hedges, Washington, D. C.

From: Chief, Mining Division, Region IV

Subject: Defense Production Act Report on Proposed Development of San Manuel Copper Corporation Mine, Pinal County, Arizona.

Herewith are the original and one copy of the above report that Mr. East promised would be sent you today. This report was prepared by Storms and Clemmer. I have reviewed the report briefly, and it appears to check with my recollection of information obtained from Mr. W. P. Goss. Zimmerley has been sent a copy and probably will send in his comments if he has any to make.

I believe the boys did an excellent job.

Paul T. Allsman

Enclosures

Copy to: J. H. East, Jr.
W. R. Storms
Carbon copy

Sub. File
Reading File

PTA:ftm

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Arizona-New Mexico Branch
SOUTHWEST EXPERIMENT STATION
Box 4097
UNIVERSITY STATION

Mining Division
Date Rec'd.
DEC 4 1950
MINING DIVISION
REGION IV

TUCSON, ARIZONA

December 1, 1950

Air Mail

Memorandum BUREAU OF MINES
Denver, Colorado

To : Paul T. Allsman, Denver, Colorado

From : Chief, Arizona-New Mexico Br., Mining Div., Region IV

Subject : Defense Production Act Report on Proposed Development of San Manuel Copper Corp. Mine, Pinal County, Ariz.

DMA 181

Enclosed are original and one copy of the above report by J. Bruce Clemmer and me. A copy is being given Bruce and he also is sending one to Zimmerley. Wes Goss asked for one so I am sending one to him. This report has been cleared with Wes.

Walter R. Storms

Walter R. Storms

CC 462.1
1466
DF

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
ROCKY MOUNTAIN REGION
REGION IV

OFFICE OF
REGIONAL DIRECTOR

Mining Division
Date Rec'd.
NOV 29 1950
BUREAU OF MINES
Denver, Colorado

224 NEW CUSTOMHOUSE
DENVER 2, COLORADO

November 29, 1950

Air Mail

Mr. J. H. Hedges, Chief
Minerals Division
Bureau of Mines
Washington, D. C.

Dear Mr. Hedges:

Referring to your teletype regarding the date on which we will have the cost estimates for San Manual:

I telephoned Mr. Storms at Tucson, and he advises that the report is being typed and that he will confer with Mr. Goss this weekend and will endeavor to have the report in our hands Monday morning, December 4.

We will airmail the report to you.

Sincerely yours,

J. H. East, Jr.
Regional Director

cc: PT Allsman
WR Storms

JHEjla

VV

OPR VETERANS ADMIN TS 2841 PLS OK V

KC TU OK OMMVVVVTU OPR 2841

NO SUCH NO IN TU IT IS TS TUCSON ARIZ VVV

EP TS OK VVTT

TS 2841 BY MIN PLS CAN RING OPR RU THERE

THIS IS THE DENVER OPR WAITING OK CAN RING OKOK

TSN 2841 GA PLS

THS THI S IS DENVER BUR OF MINES WILL U RELAY FOLLOWING MSG TO OUR OFFICE OK WILL DO

THANKS DN 235 11-161-50 3-35 PM

WALTER R STORMS

PLEASE AIR MAIL THE COPPER ANALYSES AND CREDIT FOR MOLYBDENUM SULFIDE, GOLD, AND SILVER THAT WERE OBTAIND XXXX OBTAINED FROM GOSS.

PAUL T ALLSMAN

END PLS ACK FTM

END PLS ACK

RECD OK TNX

San Manuel Copper

SS OF SERVICE
This is a full-rate Telegram or Cablegram unless its deferred character is indicated by a suitable symbol above or preceding the address.

# WESTERN UNION

W. P. MARSHALL, PRESIDENT

(56)

SYMBOLS
DL = Day Letter
NL = Night Letter
LC = Deferred Cable
NLT = Cable Night Letter
Ship Radiogram

The filing time shown in the date line on telegrams and day letters is STANDARD TIME at point of origin. Time of receipt is STANDARD TIME at point of destination

24 PM 2 06

LA256

L TSA394 PD=TUCSON ARIZ 24 146P=

:PAUL T ALLSMAN=

:US BUREAU OF MINES 224 NEW CUSTOM HOUSE DVR=

RE FRIDAY PHONE CALL GOSS WILL NOT RETURN FROM EAST BEFORE FRIDAY AND MAYBE NOT THEN PLEASE ADVISE ABOUT SAN MANUEL REPORT

:WALTER R STORMS=

Mining Division
Date Rec'd.
OCT 24 1950
BUREAU OF MINES
Denver, Colorado

Answered by Allsman's 'phone call
Oct. 25, 1950

THE COMPANY WILL APPRECIATE SUGGESTIONS FROM ITS PATRONS CONCERNING ITS SERVICE

ONAL DIRECTOR

Region IV

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
224 NEW CUSTOMHOUSE
DENVER 2, COLORADO

October 17, 1950

Memorandum

To: P. T. Allsman

From: Regional Director, Region IV

Subject: Proposed defense loan for San Manuel Copper

Mr. Hedges telephoned me today relative to a loan for San Manuel Copper. I suggested that McMillan would be a good man to estimate the ore reserves, but Hedges preferred Storms. I telephoned Storms today; a copy of our telephone conversation is attached.

Please discuss this with me.

J. H. East, Jr.

J. H. East, Jr.

JHE:lm

Attachment

Telephone conversation between J. H. East, Jr. and
W. R. Storms, 12:55 p.m., October 17, 1950

- o O o -

East: "Hedges called a little while ago about a defense loan for San Manuel Copper. As I understand, Cummings is in New York and McNabb is either there or is on his way...but you'll have to check on this. Dale Gardner is up there."

Storms: "Uh huh; I know Dale."

East: "What we've got to do on this loan is make a certification regarding the estimated reserves..."

Storms: "Yes."

East: "...this loan is a good many millions of dollars; I don't know for sure exactly how much - Hedges mentioned 50 of them. Whether that's correct, I don't know. They propose to telescope the work in two years for production, so we've got to make a certification about the ore reserves and probable grade of ore, so you just drop everything you've got and take whatever help you need and make arrangements with Gardner or Goss. They know you're going, and they're going to contact you. Then, you go through those figures and calculations and whatever is needed so that you can certify that in your judgment their estimate of reserves is about right, and that you concur with the grade of ore.

"...and when you get that all done, then you hop a plane and come to Denver with your report...

Storms: "O.K.; Denver."

East: "...and bring your report with you and we will discuss it here before it goes to Washington. Give this first precedence."

Storms: "All right; I'll start on it this afternoon."

- o O o -

East: "How's Artillery Peak coming along?"

Storms: "It looks fairly good."

East: "Say, you haven't got a map showing the exact positions of the tunnels relative to each other, have you?"

Storms: "Yes, in the other room."

East: "Can you have someone make me a sketch map of that, fairly accurate, map, on letter-size paper to keep on my desk?"

Storms: "Sure, we can do that."

(Short conversation followed, not pertinent to matter in question)

East: "When you come up here we will talk Artillery Peak at the same time. You take all the help you need and let me know..."

- o O o -

Form 6-98

# UNITED STATES
# DEPARTMENT OF THE INTERIOR
## BUREAU OF MINES

U. S. GOVERNMENT PRINTING OFFICE 16—53493-2

1/12/51 Proceedings of Operating Committee Meeting

DMA 181 - San Manuel Copper Corp., Pinal Co., Ariz.

The Oper. Com. reviewed a memo received from the Copper Branch regarding the necessity of the San Manual operators for help in obtaining materials. The memo was forwarded to the Requirements Division for whatever help they might be able to give

Form 6-95

BUREAU OF MINES
REFERENCE SLIP

DATE 12-8-53

REFERRED TO:
1. W. H. King
2. WHK
3.
4. J. H. E.

FOR:

| | |
|---|---|
| Action | Recommendation |
| Approval | Record |
| Comment | Return |
| Conference | Referring |
| Consideration | Reply for sig. |
| Filing | Rewriting |
| Instructions | Signature |
| Investigation | Suggestions |
| Initials | Your information |
| Mailing | |
| Previous corres. | |

Mining Division
DEC 10 1953
BUREAU OF MINES
Denver, Colorado

REMARKS: East

Check (X) before the items needing attention.

WRB

Initials of sender.

# Booming San Manuel Ready to Take Its Place as Arizona's Newest Town

## Tangled Desert Giving Way to $121,000,000 Copper Operation

By AL LE ANCE
Star Staff Correspondent

SAN MANUEL, Dec. 5 — This booming town—Arizona's youngest and most energetic offspring—is getting ready to take its place as a fullgrown mining community.

In four short months homes have been completed, sidewalks paved, a shopping center finished and even a gas station and a garage have popped into existence in this town, 45 miles northeast of Tucson where last July the desert sand was almost too thick for a man to walk through.

Today the crash of hundreds of hammers, the snorting roar of busy bulldozers and the bellow of earthmovers are beating out the overture that in seven months will provide a home and a community for 1,850 hardrock miners.

**$121,000,000 Enterprise**

The reason for this feverish construction is the San Manuel Copper company mine, mill and smelter—a $121,000,000 enterprise.

The project that's destined to become the biggest underground copper mine in North America was only a plan backed by a $94,000,000 government loan in July of 1952.

The plan called for the usual milling, smelter and mining developments, and a complete town—a town that must contain all the facilities, schools, churches and business centers to supply the demands of at least 3,500 souls.

By time a full year had passed, crews of surveyors trundled their equipment out to the townsight located mountain-rimmed bowl some nine miles northeast of Oracle.

**Hollered for Help**

Right then the production plan bogged down before it started—the surveyors took one look at the interwoven mess of cactus they had to crawl through and hollered for a bulldozer.

So the bulldozers moved in, and went right on to clear out a couple of miles of real estate to give the surveyors enough room to move around in and setting up the site for construction crews. That was last July.

In early August, hard on the heels of the squint and measure boys, the first troops of 500 construction men from the Del E. Webb Construction company went to work.

The schedule called for 1,000 homes, two shopping areas, paved streets, sewers, pipelines, and a power sub-station to be completed by early summer, 1954.

**And Work Began**

The crewmen spat on their hands, grabbed their gear, climbed on their earth movers and 'dozers and dug in, and the desert rang with the kind of industry that would make Soviet five-year planners turn red with envy.

Houses, the kind of beautifully constructed homes that fill quality subdivisions, went up where no buildings had ever stood before. A long shopping center, first and smaller of two designated for the community, was built on the townsite's northern end.

A market, restaurant, bank, tavern and gas station are already doing business with the construction men and the advance mining crews who're putting the town and mine together.

Directly behind the long, low business building, which will soon house a barber shop, clothing store, cleaners, a variety shop and semi-weekly newspaper, the residential area begins.

**Two-Mile Township**

Directly beyond the shopping center lie the dozens of already completed homes that line graded streets stretching up the two-mile township length.

Paving crews are now at work on the streets fronting the finished homes, while construction men work with assemblyline precision to set up the houses that stand in progressive stages of completion as you move up the street.

At the end of the development, other crews are putting in the foundations in anticipation of the carpentry and brick-laying crews following close behind.

Along the fringes, workmen are dropping pipes and power lines into trenches and hooking them into the buildings as fast as they're finished, and painters follow-up to put on the final touches.

**27-Day Schedule**

The production slate sets up a 27-day work schedule for each home. The crews are knocking out at least seven a day.

At the southern end of the community, where 1,000 homes will be built, is an area set aside for the town's major shopping area, which will house everything from supermarket to theater.

Then another 1,000 homes will go in beyond the area to round out the community.

The residential center now under construction will be ready for complete occupancy in June or early July, company officials said.

"You can see that this isn't any haphazard development," officials said. "We planned it as a permanent settlement, and these homes are model examples of what's in store for the future."

**Public Inspection**

The first completed portion of the San Manuel township will be opened to the public on Dec. 13. Homes and stores will be open for inspection.

Visitors will see a completely modern community, which, incidentally, is entirely free from slum areas and has the singular distinction of not being able to claim a single native resident.

For the town's business men and residents come from all parts of the state—Tucson, Mesa, Phoenix and Flagstaff—and even from various parts of the nation.

They'll be almost entirely self-sufficient, and even have their own utility system.

**Water and Power**

Water comes from wells about five miles away while power, which was turned on Friday, comes from an Arizona Public Service company sub-station that carries power over 21 miles of new line tapped onto a bureau of reclamation line near Oracle Junction.

Gas too, will soon come to San Manuel, for the federal power commission last Friday authorized the El Paso Natural Gas company to operate seven miles of pipeline in Pinal county, a $156,093 project, to service the new community.

Schools and churches too are part of the San Manuel picture. A Catholic church has already been alloted space and churches of four other denominations are looking for ground.

**Schools Planned**

An elementary school will be ready on a temporary basis for the spring term, and by fall of '54 a permanent elementary school and senior high school will be in operation.

Police and fire protection will then be on a permanent basis. At present, only a volunteer fire fighting crew and a security police patrol, manned by mining company guards, form the protective force.

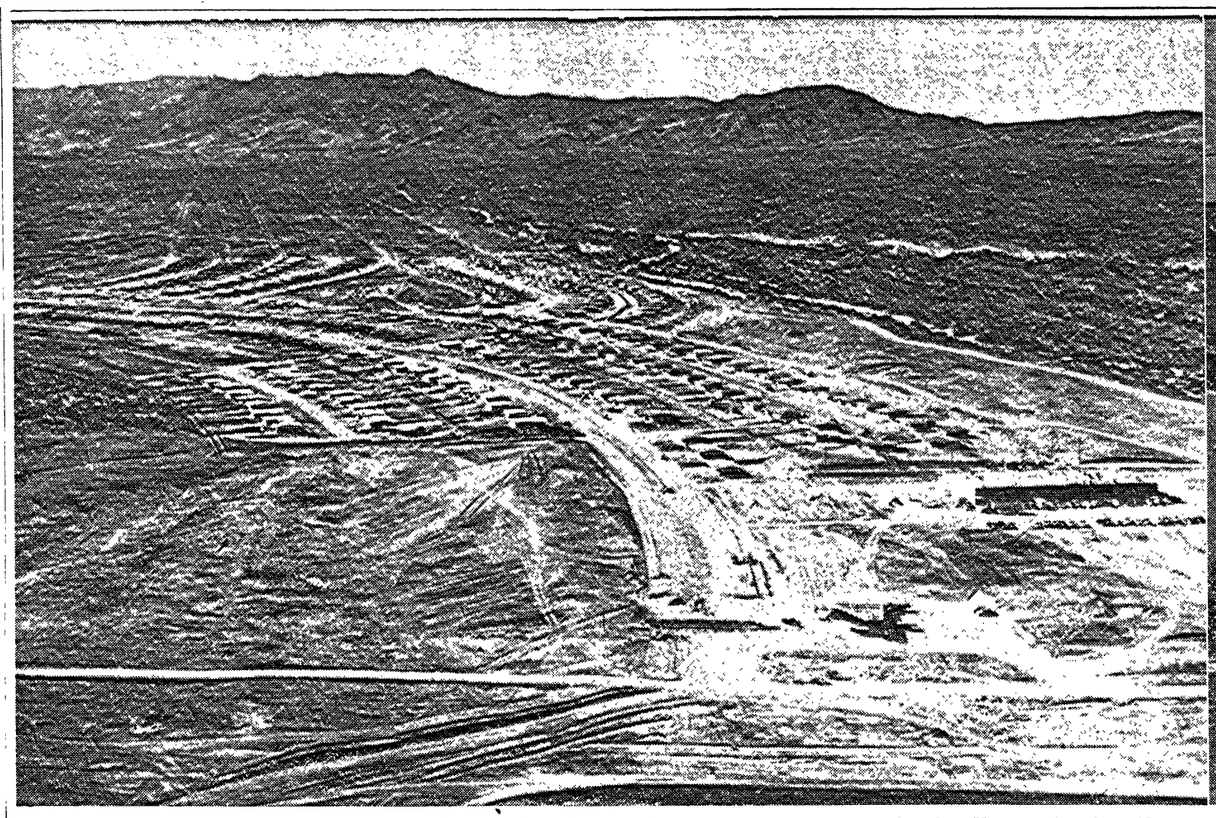
Later, in the spring, the town will be incorporated, and fire and police agencies will be organized on a regular, paid basis, according to City Manager Don Wolfer.

"We'll probably incorporate about March 1," Wolfer said. "We should have the necessary 500 residents by then."

Of course, a community this size needs its own hospital, and one is being planned now as a mining company operation designated for community use.

By that time, San Manuel should be ready to give birth to its first native.





An aerial camera takes in a complete view of the up-and-coming town of San Manuel, Arizona's newest community, which is now taking shape eight miles from what in two years will be the biggest underground copper mine in North America. Covering an area of about two miles long and three miles wide, the township will eventually contain 2,000 homes, parks, a theater and two shopping centers, as well as schools and churches. Now nearing the mid-way point of its development, San Manuel has grown from a cactus-tangled stretch of desert that only four months ago was so thick with desert growth that bulldozers had to clear paths for surveying crews. Bulldozers and huge earth movers are still at work clearing roads and building a railroad embankment that will link the community with the outside world. (Del Webb company photo)

San Manuel hasn't even come into existence as a full-grown community, but it's already open for business in this modern, rambling shopping center that marks the beginning of the townsite. A complete market, a tavern, restaurant and bank are now in operation and a barber shop, clothing store, variety shop and semi-weekly newspaper will open within the next two weeks. All will be open for inspection when San Manuel holds its first open house on Dec. 13. (Wong-Sutton photo)