



CONTACT INFORMATION

Mining Records Curator
Arizona Geological Survey
1520 West Adams St.
Phoenix, AZ 85007
602-771-1601
<http://www.azgs.az.gov>
inquiries@azgs.az.gov

The following file is part of the

Arizona Department of Mines and Mineral Resources Mining Collection

ACCESS STATEMENT

These digitized collections are accessible for purposes of education and research. We have indicated what we know about copyright and rights of privacy, publicity, or trademark. Due to the nature of archival collections, we are not always able to identify this information. We are eager to hear from any rights owners, so that we may obtain accurate information. Upon request, we will remove material from public view while we address a rights issue.

CONSTRAINTS STATEMENT

The Arizona Geological Survey does not claim to control all rights for all materials in its collection. These rights include, but are not limited to: copyright, privacy rights, and cultural protection rights. The User hereby assumes all responsibility for obtaining any rights to use the material in excess of "fair use."

The Survey makes no intellectual property claims to the products created by individual authors in the manuscript collections, except when the author deeded those rights to the Survey or when those authors were employed by the State of Arizona and created intellectual products as a function of their official duties. The Survey does maintain property rights to the physical and digital representations of the works.

QUALITY STATEMENT

The Arizona Geological Survey is not responsible for the accuracy of the records, information, or opinions that may be contained in the files. The Survey collects, catalogs, and archives data on mineral properties regardless of its views of the veracity or accuracy of those data.

PRINTED: 03/21/2002

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: MORNING STAR

ALTERNATE NAMES:

KENNECOTT SAFFORD PROPERTIES

GRAHAM COUNTY MILS NUMBER: 104

LOCATION: TOWNSHIP 6 S RANGE 27 E SECTION 7 QUARTER NE

LATITUDE: N 32DEG 55MIN 45SEC LONGITUDE: W 109DEG 37MIN 05SEC

TOPO MAP NAME: SAFFORD - 15 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:

COPPER

GOLD

SILVER

BIBLIOGRAPHY:

ADMMR MORNING STAR FILE

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES

INFORMATION FROM MINE CARDS IN MUSEUM

ARIZONA

MM-K078 Copper Ore

Graham Co.

11 mi. NE of Safford

Lone Star Mining Dist.

Morning Star Claim MILS #104

Morning Star (file)

1 - A.K.A

COPPER, GOLD

Thomas Norquay
Safford, Ariz.

Report by N. Wolcott

MORNING STAR
Graham County
Lone Star Dist.

9-23-39

(Do not write
in this space)

Ore _____

Cabinet _____

No. _____

(Wrap each specimen separately, or place it in a substantial
bag, by itself, with a number attached, identical with the
number on this card.)Specimen No. 2, collected by Newton Wolcott

Field Engineer

Name of ore Copper, goldOperator Tom NorquayMinerals contained (Chalcocite, malachite,Mine active or inactive Activechalcopryrite), pyrite.

If inactive, when operated _____

Gangue Alter ed rhyolite and quartzSpecimen presented by Tom NorquayDepth at which taken 30 feetDate Sept. 8, 1939.Approximate mineral content (in terms of
average per ton) No assay, but probablyNotes (Any general information regarding
the history of the property.) This specimenexceeds \$25.00 gross.came from new workings. Shipments have beenName of mine or claim Morning Star Claimmade from other parts of same vein. VeryGroup Samelittle development here as yet.District Lone Star Mining DistrictLocation (distance and direction by high-
way from what town) 11 Mi. N.E. of SaffordOwner of property Tom NorquayIf more space is desired for notes, use
other side.

1-4-40

Minning State

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
304 HOME BUILDERS BUILDING
PHOENIX, ARIZONA



1914



DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Date Sept. 23, 1939.

Engineer Newton Wolcott

Mine Morning Star

District Lone Star Mining District

Location 11 Miles Northeast of Safford

Former name

Owner Thomas Norquay

Address Safford, Arizona.

Operator " "

Address

President

Gen. Mgr.

Mine Supt.

Mill Supt.

Principal Metals Copper, gold, little silver

Men Employed

Production Rate

Mill: Type & Cap.

Power: Amt. & Type

Operations: Present

Owner working alone. Developing vein by open cut and shallow shaft.

Operations Planned

Trying to save out enough ore to enable him to ship and continue work.

Number Claims, Title, etc.

One unpatented claim. Other claims nearby but not contiguous.

Description: Topog. & Geog.

Fairly rough and rugged foothill slopes at south base of Gila Mts.
Country is entirely devoid of timber.

Mine Workings: Amt. & Condition

Approximately 90 feet of tunnel and cross-cut.
One 8'x35' open cut with 12 foot shaft at end.
Various other shallow cuts.
All workings accessible.

The main vein on the property is found along a mineralized shear zone on or near a contact between rhyolite and andesite. Geology & Mineralization This vein is approximately 8 feet in width, strikes almost due N-S and dips very slightly to the west. At the shallow depth of present development, the vein shows varying widths of chalcopyrite, pyrite, chalcocite and considerable malachite and chrysocolla stains. The owner states that this ore carries gold values of from \$5 to \$35 per ton. The sulphides appear to be increasing in quantity at the bottom of the shaft.

Ore: Positive & Probable Ore Dumps, Tailings

No tonnage of ore developed, but several tons are sorted on the dump and ready to ship.

Mine, Mill Equipment & Flow Sheet

No equipment

Road Conditions, Route

Road to property somewhat rough from recent rains, but easily passable. For route, inquire at Safford.

Water Supply

None developed

Brief History

This property lies almost directly north and approximately one quarter mile away from the old Lone Star mine, from which considerable copper ore has been taken in past years.

Special Problems, Reports Filed

Owner needs financial assistance in order to carry on development.

Remarks

Specimen No. 2 collected for Department of Library & Archives was taken from the shaft on this property.

If property for sale: Price, terms and address to negotiate.

This property is for lease. See owner for terms.

Signed _____