



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: 04/29/2002

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: OLD HAT

ALTERNATE NAMES:

PINAL COUNTY MILS NUMBER: 700D

LOCATION: TOWNSHIP 10 S RANGE 16 E SECTION 16 QUARTER C

LATITUDE: N 32DEG 33MIN 45SEC LONGITUDE: W 110DEG 42MIN 50SEC

TOPO MAP NAME: CAMPO BONITO - 7.5 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:

GOLD

SILVER

LEAD

COPPER SULFIDE

BIBLIOGRAPHY:

ADMMR OLD HAT FILE

ADMMR GOLDEN EAGLE GROUP FILE

ADMMR SANTA ROSA MINE FILE

ADMMR FILES

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine Old Hat
District Old Hat Mining District
Former name
Owner ✓ L. K. Basteen ✓
Operator
President
Mine Supt.
Principal Metals ✓ Gold, silver, lead, copper
Production Rate
Power: Amt. & Type
Operations: Present

Date November 10, 1939.
Engineer Newton Wolcott
Location $6\frac{1}{2}$ Miles S.E. of Oracle
T105, R16E
Address Oracle, Arizona. Box 13.
Address
Gen. Mgr.
Mill Supt.
Men Employed
Mill: Type & Cap.

Mine inactive at present

Operations Planned

Further development when possible.

Number Claims, Title, etc.

One patented, four unpatented claims.

Description: Topog. & Geog.

Low, rolling hills at north end of Santa Catalina range. Light vegetation on hills, sycamores etc. in the washes.

Mine Workings: Amt. & Condition

Two shafts 50 feet in depth
Several shallower shafts
One winze 56 feet in depth
One tunnel over 200 feet in length.
Various stopes and shallow cuts.
All workings accessible.

(over)

The property embraces a series of N - SE quartz veins which cut through granite, near to and roughly parallel with a diorite dyke. The dip is steep, varying from 70 to 90 degrees either NE or SW. The veins vary in width from 12 inches to 52 inches and are very well defined. High grade ore occurs in small shoots, but the general average values of the veins, according to owners statement is over \$30 per ton. One of the main veins on the property appears to line up with and can be traced by its outcrop to the main vein on the old American Flag Mine, over a mile distant. Minerals are limonite, gold, galena, pyrite
Geology & Mineralization
Ore: Positive & Probable, Ore Dumps, Tailings and chalcopyrite. Silver associated with galena.

Most of the ore taken from the workings has been shipped, and the amount remaining in surface dumps is small. More development would be necessary in order to make possible any estimate of underground tonnage.

Mine, Mill Equipment & Flow Sheet

No equipment on the property, although there is a nice residence, sheds, a good well etc.

Road Conditions, Route

The property is situated only three-fourths of a mile from the county highway from Oracle to Mt. Lemmon, and a very good road leads from this right in to the center of the workings. Inquire in Oracle as to route to mine.

Water Supply

A well only 35 feet in depth furnishes at least 1000 gals. per day, and it would be reasonable to assume that sufficient water could be developed for any commercial use without great expense.

Brief History

This mine is one of the very earliest discoveries in this district, and has been worked sporadically for a good many years. The present owner has made some shipments, and has settlement sheets to show the value of the ore shipped. The last people who worked on the property drove in a long cross-cut tunnel, cut the vein and went down on it with a winze. They quit in disgust when the State mine inspector shut them down because of unsafe mining practices.

Special Problems, Reports Filed

Miles M. Carpenter has made a report on this property, although the owner does not have a copy of it now. This report could probably be gotten from Carpenter. Owner lacks finances to continue development.

Remarks

What development work there is is shallow and badly scattered, and no systematic plan of work has ever been carried to completion. The veins have been explored over a very small portion of their length.

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

For sale or lease to responsible parties. Communicate with owner for price and terms.

Signed.....*Newton Wolcott*.....

Use additional sheets if necessary. Separate sheets on each problem.

MO-10

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

	Date	November 10, 1939
Mine Old Hat	Engineer	Newton Wolcott
District-Old Hat Mining District	Location	6 $\frac{1}{2}$ miles SE of Oracle
Former Name		
Owner - L. K. Basteen	Address - Oracle, Arizona	
Operator	Box 13	
President	Address	
Mine Supt.	Gen. Mgr.	
Principal Metals - Gold, Silver, Lead, Copper.	Mill Supt.	
Production Rate	Men Employed	
Power: Amt. & Type	Mill: Type & Cap.	
Operations: Present - Mine inactive at present.		

Operations Planned - Further development when possible.

Number Claims, Title, etc. - One patented, four unpatented claims.

Description: Topography & Geography - Low, rolling hills at north end of Santa Catalina range. Light vegetation on hills, sycamores, etc. in the washes.

Mine Workings: Amt. & Condition - Two shafts 50 feet in depth
Several shallower shafts
One winze 56 feet in depth
One tunnel over 200 feet in length
Various stopes and shallow cuts
All workings accessible

Geology & Mineralization - This property embraces a series of NW - SE quartz veins which cut through granite, near to and roughly parallel with a diorite dyke. The dip is steep, varying from 70 to 90 degrees either NE or SW. The veins vary in width from 12 inches to 52 inches and are very well defined. High grade ore occurs in small shoots, but the general average values of the veins, according to owners statement is over \$30 per ton. One of the main veins on the property appears to line up with and can be traced by its outcrop to the main vein on the old American Flag Mine, over a mile distance. Minerals are limonite, gold, galena, pyrite and chalcopyrite. Silver associated with galena.

Ore: Positive & Probable, Ore Dumps, Tailings - Most of the ore taken from the workings has been shipped, and the amount remaining in surface dumps is small. More development would be necessary in order to make possible any estimate of underground tonnage.

Mine, Mill Equipment & Flow Sheet - No equipment on the property, although there is a nice residence, sheds, a good well, etc.

Road Conditions, Route - The property is situated only three-fourths of a mile from the county highway from Oracle to Mt. Lemmon, and a very good road leads from this right in to the center of the workings. Inquire in Oracle as to route to mine.

Water Supply - A well only 35 feet in depth furnishes at least 1000 gals. per day and it would be reasonable to assume that sufficient water could be developed for any commercial use without great expense.

Brief History - This mine is one of the very earliest discoveries in this district, and has been worked sporadically for a good many years. The present owner has made some shipments, and has settlement sheets to show the value of the ore shipped. The last people who worked on the property drove in a long crosscut tunnel, cut the vein and went down on it with a winze. They quit in disgust when the State mine inspector shut them down because of unsafe mining practices.

Special Problems, Reports Filed - Miles M. Carpenter has made a report on this property, although the owner does not have a copy of it now. This report could probably be gotten from Carpenter. Owner lacks finances to continue development.

Remarks - What development work there is is shallow and badly scattered, and no systematic plan of work has ever been carried to completion. The veins have been explored over a very small portion of their length.

If property is for sale: Price, terms and address to negotiate - For sale or lease to responsible parties. Communicate with owner for price and terms.

SIGNED - Newton Wolcott

MO-10

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

	Date	November 10, 1939
Mine Old Hat	Engineer	Newton Wolcott
District-Old Hat Mining District	Location	6 $\frac{1}{2}$ miles SE of Oracle
Former Name		
Owner - L. K. Basteen	Address -	Oracle, Arizona Box 13
Operator	Address	
President	Gen. Mgr.	
Mine Supt.	Mill Supt.	
Principal Metals - Gold, Silver, Lead, Copper.	Men Employed	
Production Rate	Mill: Type & Cap.	
Power: Amt. & Type		
Operations: Present - Mine inactive at present.		

Operations Planned - Further development when possible.

Number Claims, Title, etc. - One patented, four unpatented claims.

Description: Topography & Geography - Low, rolling hills at north end of Santa Catalina range. Light vegetation on hills, sycamores, etc. in the washes.

Mine Workings: Amt. & Condition - Two shafts 50 feet in depth
Several shallower shafts
One winze 56 feet in depth
One tunnel over 200 feet in length
Various stopes and shallow cuts
All workings accessible

Geology & Mineralization - This property embraces a series of NW - SE quartz veins which cut through granite, near to and roughly parallel with a diorite dyke. The dip is steep, varying from 70 to 90 degrees either NE or SW. The veins vary in width from 12 inches to 52 inches and are very well defined. High grade ore occurs in small shoots, but the general average values of the veins, according to owners statement is over \$30 per ton. One of the main veins on the property appears to line up with and can be traced by its outcrop to the main vein on the old American Flag Mine, over a mile distance. Minerals are limonite, gold, galena, pyrite and chalcopryite. Silver associated with galena.

Ore: Positive & Probable, Ore Dumps, Tailings - Most of the ore taken from the workings has been shipped, and the amount remaining in surface dumps is small. More development would be necessary in order to make possible any estimate of underground tonnage.

Mine, Mill Equipment & Flow Sheet - No equipment on the property, although there is a nice residence, shads, a good well, etc.

Road Conditions, Route - The property is situated only three-fourths of a mile from the county highway from Oracle to Mt. Lemmon, and a very good road leads from this right in to the center of the workings. Inquire in Oracle as to route to mine.

Water Supply - A well only 35 feet in depth furnishes at least 1000 gals. per day and it would be reasonable to assume that sufficient water could be developed for any commercial use without great expense.

Brief History - This mine is one of the very earliest discoveries in this district, and has been worked sporadically for a good many years. The present owner has made some shipments, and has settlement sheets to show the value of the ore shipped. The last people who worked on the property drove in a long crosscut tunnel, cut the vein and went down on it with a winze. They quit in disgust when the State mine inspector shut them down because of unsafe mining practices.

Special Problems, Reports Filed - Miles M. Carpenter has made a report on this property, although the owner does not have a copy of it now. This report could probably be gotten from Carpenter. Owner lacks finances to continue development.

Remarks - What development work there is is shallow and badly scattered, and no systematic plan of work has ever been carried to completion. The veins have been explored over a very small portion of their length.

If property is for sale: Price, terms and address to negotiate - For sale or lease to responsible parties. Communicate with owner for price and terms.

SIGNED - Newton Wolcott

MO-10

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

	Date	November 10, 1939
Mine Old Hat	Engineer	Newton Wolcott
District-Old Hat Mining District	Location	6 $\frac{1}{2}$ miles SE of Oracle
Former Name		
Owner - L. K. Basteen	Address - Oracle, Arizona	
Operator	Box 13	
President	Address	
Mine Supt.	Gen. Mgr.	
Principal Metals - Gold, Silver, Lead, Copper.	Mill Supt.	
Production Rate	Men Employed	
Power: Amt. & Type	Mill: Type & Cap.	
Operations: Present - Mine inactive at present.		

Operations Planned - Further development when possible.

Number Claims, Title, etc. - One patented, four unpatented claims.

Description: Topography & Geography - Low, rolling hills at north end of Santa Catalina range. Light vegetation on hills, sycamores, etc. in the washes.

Mine Workings: Amt. & Condition - Two shafts 50 feet in depth
Several shallower shafts
One winze 56 feet in depth
One tunnel over 200 feet in length
Various stopes and shallow cuts
All workings accessible

Geology & Mineralization - This property embraces a series of NW - SE quartz veins which cut through granite, near to and roughly parallel with a diorite dyke. The dip is steep, varying from 70 to 90 degrees either NE or SW. The veins vary in width from 12 inches to 52 inches and are very well defined. High grade ore occurs in small shoots, but the general average values of the veins, according to owners statement is over \$30 per ton. One of the main veins on the property appears to line up with and can be traced by its outcrop to the main vein on the old American Flag Mine, over a mile distance. Minerals are limonite, gold, galena, pyrite and chalcopyrite. Silver associated with galena.

Ore: Positive & Probable, Ore Dumps, Tailings - Most of the ore taken from the workings has been shipped, and the amount remaining in surface dumps is small. More development would be necessary in order to make possible any estimate of underground tonnage.

Mine, Mill Equipment & Flow Sheet - No equipment on the property, although there is a nice residence, sheds, a good well, etc.

Road Conditions, Route - The property is situated only three-fourths of a mile from the county highway from Oracle to Mt. Lemmon, and a very good road leads from this right in to the center of the workings. Inquire in Oracle as to route to mine.

Water Supply - A well only 35 feet in depth furnishes at least 1000 gals. per day and it would be reasonable to assume that sufficient water could be developed for any commercial use without great expense.

Brief History - This mine is one of the very earliest discoveries in this district, and has been worked sporadically for a good many years. The present owner has made some shipments, and has settlement sheets to show the value of the ore shipped. The last people who worked on the property drove in a long crosscut tunnel, cut the vein and went down on it with a winze. They quit in disgust when the State mine inspector shut them down because of unsafe mining practices.

Special Problems, Reports Filed - Miles M. Carpenter has made a report on this property, although the owner does not have a copy of it now. This report could probably be gotten from Carpenter. Owner lacks finances to continue development.

Remarks - What development work there is is shallow and badly scattered, and no systematic plan of work has ever been carried to completion. The veins have been explored over a very small portion of their length.

If property is for sale: Price, terms and address to negotiate - For sale or lease to responsible parties. Communicate with owner for price and terms.

SIGNED - Newton Wolcott

✓
L. K. Basteen

Box 13

Oracle, Arizona

Unclaimed 10-25-40

✓
Old Hat

OLD HAT

Au, Ag, Pb, Cu

Pinal

11 - 4

T 10 S, R 16 E

L. K. Basteen

'39