



## **CONTACT INFORMATION**

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07/01/97

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: SILVER SHIELD MINE

ALTERNATE NAMES:  
COLORADO CLARK

PIMA COUNTY MILS NUMBER: 103

LOCATION: TOWNSHIP 20 S RANGE 10 E SECTION 35 QUARTER NW  
LATITUDE: N 31DEG 39MIN 02SEC LONGITUDE: W 111DEG 17MIN 06SEC  
TOPO MAP NAME: ARIVACA - 15 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:  
SILVER  
LEAD  
GOLD LODE  
COPPER

BIBLIOGRAPHY:  
S.B. KEITH, AZBM BULL. 189, P. 114, 1974  
ADMMR SILVER SHIELD FILE

SILVER SHIELD MINE

PIMA COUNTY

Mining World May 1963 p. 38

SILVER SHIELD MINE

PIMA CO.

MG/WR - 10/20/78 - Visited the mine, no activity, two shafts fenced off. Mr. Joe Pianca of Arivaca, Az. reports that ore has been stockpiled at the Ajax Mine, and a mill is to be put in soon this report is unconfirmed. 1/19/79

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DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine Silver Shield Mine Date Mar. 5, 1963  
District Arivaca District, Pima Co. Engineer Axel L. Johnson  
Subject: Field Engineers Report. Information from Bill Hord, and personal visit

References Report of Jan. 8, 1963, and previous reports.

Principal Minerals Silver, copper and gold (principally silver)

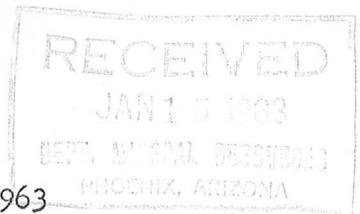
Present Mining Activity Drifting on the 90 fg. level. 3 men working.

Review of Recent Operations Operators finished retimbering the vertical shaft. A new drift was then started on the 90 ft. level. This is now in a distance of about 35 ft.

Proposed plans The mine will be closed down temporarily while the Silver Queen Mine is operated. The 2 mines will be operated alternately.

Mining World, 5/63, p. 38

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
FIELD ENGINEERS REPORT



Mine Silver Shield Mine Date Jan. 8, 1963  
District Arivaca District, Pima County Engineer Axel L. Johnson  
Subject: Field Engineers Report. Information from Bill Hord, & personal visit.

References Report of June 3, 1958 and previous reports.

Location About 7 miles NE of Arivaca, along the west side of Arivaca-Kinsley road.  
It adjoins the Silver Ray Mine, being on the south side of same.

Number of Claims 6 claims --- 3 unpatented claims on Federal land, and 3 claims on State land covered by State leases.

Owner Walter Bopp, 43 South 6th Ave., Tucson, Ariz.  
Mr. Bopp purchased this property from Odis M. Parker, the former owner about Sept. 1961.

Operator Same as above.

Principal Minerals Silver, copper and gold.(principally silver)

Present Mining Activity Retimbering vertical shaft. 3 men working.

Geology & Mineralization See report of Jan. 3, 1958 & Oct. 8, 1952

Ore Values See report of Jan. 3, 1958

Ore Probable See report of Oct. 8, 1952

Past History See report of Oct. 8, 1952

Old Mine Workings See report of Oct. 8, 1952

Review of Recent Operations Work was started retimbering the shaft about 6 weeks ago, and the shaft has now been repaired to a depth of 80 ft. The shaft is vertical, 4' x 6' inside and 110 ft. deep. 30 ft. of repairing remains to be done. Mr. Hord reports some ore showings, but no samples have been taken as yet.

Proposed Plans

- (1) Finish repairing the shaft to the bottom, a depth of 110'.
- (2) Repair 3 cross cuts, reported to measure 148 ft.
- (3) Take samples in shaft and in cross cuts.
- (4) Continue further exploration required.

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine Silver Shield Mine

Date June 3, 1958

District Arivaca District, Pima County

Engineer Axel L. Johnson

Subject: Field Engineer's Report. Information from O.M. Parker

References: Reports of June 2, 1953 and October 8, 1952.

Location: Approximately 7 miles NE of Arivaca, along west side of Arivaca-Kinsley Road.

No. of Claims: 10 claims --- 3 claims on State land and 7 unpatented claims on Federal land.

Owner: O.M. Parker, Box 54, Sasbe Star Route, Arivaca

Principal Minerals: Silver with smaller amounts of copper and gold.

Present Mining Activity: Mr. Parker at present is working by himself doing the assessment work.

Geology and Mineralization: A series of quartz veins, from 6" to 18" in width, cut across the property. Mr. Parker reports 4 NE-SW veins cut across 2 E-W veins, that the NE-SW veins are from 500 to 1,000 feet apart, and that the E-W veins, which they cross, are about 600 feet apart. Mr. Parker also reports 2 veins in the shaft which are separated by 7 to 8 feet of rock. The dip of the veins varies between 75 and 90 degrees. The country rock, by superficial examination, appears to be andesite and rhyolite.

Ore Values: Mr. Parker reports that samples taken in the old Silver Shield shaft assay 35 oz. silver, 2 to 3% copper and 75¢ to \$1.00 per ton in gold.

Mill and Market Facilities: No mill on the property.

Past History and Production: See report of October 8, 1952.

Old Mill Workings: 1 vertical shaft 110' deep in fair condition, needing some minor repairs.

3 cross cuts with about 148' of crosscutting.

Some old stopes by former operators.

Present Plans: Mr. Parker intends to explore the ore body for the purpose of leasing or selling the mine to a mine operator.

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DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
FIELD ENGINEERS REPORT

Mine Silver Shield Mine

Date June 2, 1953

District Cerro Colorado Mining Dist., Pima Co.

Engineer Axel L. Johnson

Subject: Present Operations

Location Sec. 35 -- T 20 S -- R 10 E  
About 7 miles north of Arivaca

Owner \* Capt. John A Falk (retired)  
201 N. California St., Chandler, Ariz.

Present Operations ----- Diamond Drilling

Mr. S. L. Kelly, Kinsley, Ariz. is diamond drilling on the Silver Shield property. He is reported to have reached a depth of 60 ft. with his first drill hole. No reports of any ore encountered so far.

*2426 N. Castro, Tucson  
A.L.J. 2-27-60*

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**DEPARTMENT OF MINERAL RESOURCES**  
**State of Arizona**  
**MINE OWNER'S REPORT**

Date..... Oct. 8, 1952.....

1. Mine:..... Silver Shield Mine..... (called by this name since 1949).....
2. Location: Sec. .... 35..... Twp. .... 20 S..... Range. .... 10 E..... Nearest Town. Arivaca  
Distance..... 7 miles Direction..... North Road Condition..... Good
3. Mining District & County:..... Cerro Colorado District,..... Pima County.....
4. Former Name of Mine:..... Cobre Mine from 1918 to 1949...... John Clark Mine -1857 to 1918.
5. Owner:..... Capt. John A. Falk..... (retired).....  
Address:..... 201 N. California St., Chandler, Arizona.
6. Operator:..... Not in operation.  
Address:.....
7. Principal Minerals:..... Copper and Silver
8. Number of Claims:..... 3 (State lease) Lode..... yes..... Placer.....  
Patented..... no..... Unpatented..... yes
9. Type of Surrounding Terrain:..... Gently rolling hills  
.....  
.....
10. Geology & Mineralization:..... Country rock is rhyolite porphyry. Quartz vein in rhyolite porphyry found on this property. This vein contains the ore values. Quartz vein is highly mineralized and contains ~~it~~ chrysocolla, malachite, cuprite, and chalcocite with high silver values. Vein also contains limonite, and ~~is~~ calcite. Both footwall and hanging wall is rhyolite porphyry, and the vein is about 3 ft. wide, almost vertical and striking NE and SW. The highest ore values are found next to the footwall and the hanging wall on each side of vein, with quartz in the center.
11. Dimension & Value of Ore Body:..... Ore shoot said to have been opened up for a length of 110 ft. along the vein, and 110 ft. in depth. This ore shoot is about 3 ft. wide. However, some rich ore pockets in this ore shoot has already been mined out. It is believed, however, that the remainder of this ore shoot can be mined at a profit. The width of the ore shoot is variable, and the ore values also vary withing wide limits. Average value of the ore can only be determined by expløation work and sampling.

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12. Ore "Blocked Out" or "In Sight": very little

Ore Probable: about 2,000 tons

13. Mine Workings—Amount and Condition:

No.	Feet	Condition
Shafts.....1.....	110	Good Condition
Raises.....		
Tunnels.....		
Crosscuts.....3.....	148	Good
Stopes.....	Some old stopes by former operators.	

14. Water Supply: None.

15. Brief History: Some near the surface operations prior to 1857 by Spaniards.

Located in 1857 by John Clark, who operated the mine for a while,  
and is reported to have shipped some high grade ore to St. Louis, Mo.

Mine has been idle for a number of years, and was recently  
acquired by Capt. John A. Falk, who purchased the mine from John D. Mitchell.

Present Operations None. Mine is idle.

Proposed Plans To sell or lease.

\*

16. Signature: Asel L. Johnson, Field Engineer  
Dept. of Mineral Resources

17. If Property for Sale, List Approximate Price and Terms: Will give 5 year lease with  
option to buy at \$5,000. 10 % royalty on net smelter returns.

**DEPARTMENT OF MINERAL RESOURCES**  
**State of Arizona**  
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Patented..... no Unpatented..... yes
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Dep't. of Mineral Resources

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