



## **CONTACT INFORMATION**

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02/26/87

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: SENECA MINE

ALTERNATE NAMES:

LEWIS GROUP  
SENIKA

COCHISE COUNTY MILS NUMBER: 94

LOCATION: TOWNSHIP 17 S RANGE 23 E SECTION 10 QUARTER SE  
LATITUDE: N 31DEG 57MIN 55SEC LONGITUDE: W 109DEG 58MIN 59SEC  
TOPO MAP NAME: PEARCE - 15 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:

ZINC SULFIDE  
LEAD SULFIDE  
SILVER  
CADMIUM

BIBLIOGRAPHY:

KEITH, S.B., 1973, AZBM BULL. 187, P. 64  
KREIDLER, TERRY J., "MINERAL-RESOURCE POTENTIAL OF THE DRAGOON MOUNTAINS RARE II FURTHER PLANNING AREA, COCHISE CO, AZ" U S BUR OF MINES, MLA 35-82, 1981 ADMMR GEO FILE ADMMR SENECA MINE FILE

## DEPARTMENT OF MINERAL RESOURCES

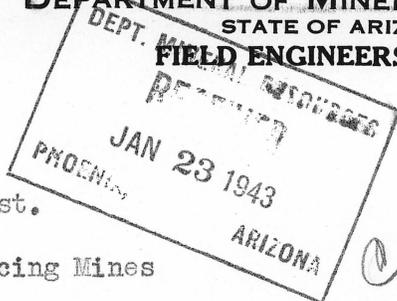
STATE OF ARIZONA

## FIELD ENGINEERS REPORT

Mine Seneca  
 District Dragoon Mng. Dist.  
 Subject: Survey of Producing Mines

Date January 19, 1943

Engineer George A. Ballam



This consists of three claims held by location by Dan Lewis, Jack Campbell, A. Skinner and Chas. Drew, the three first working on the claims. Address, Willcox, Ariz. A new road leads into the mine from the Stronghold road some 13 miles south of the Golden Rule ramp near Cochise on the Southern Pacific R.R. Approach is made over the pediment to the upper edge where a new camp has been made, the workings being three hundred feet above along the base of the mountain. There is a spring between the camp and mine, ample for requirements.

At this point they are working on a replacement in a northerly-dipping limestone bed lying at 15 to 20° pushed up by intrusives to the south. To the north, across the canyon, the dip of the bed has been reversed by the granite and quartzite underlying them. A number of small outcrops of oxidized lead occur in parallel beds above the present workings, some of which have been prospected. Apparently replacement has taken place in the softer and more permeable strata. Numerous vertical interconnecting mineralized fissures can be seen.

A tunnel is being driven at the present location following irregular high-grade pockets of ore. As the work progresses the lower grade and barren areas can be left for pillars. Two cars have been taken out and a third was loading at the time of visit. The first two ran Zinc 30%, Pb 5½%, Cu 2½% with minor values in gold and silver. The present car is somewhat lower. Ore is being hauled by Jas. Giacomo of Tombstone. Shipments to Shattuck-Denn at Bisbee. The zinc occurs as rosin jack and contains little or no iron. Mill supt., Hendricks, reports it as especially amenable to treatment, high recoveries of all metals being made. Lead is galena and copper mainly chalcopyrite.

The operation resolves itself into one of following the ore in all directions, and is rather expensive. Net returns on the two previous cars ran \$1300/<sup>each</sup> including premiums. Despite the lower grade of present car, net will be about the same on account of increased percentage certified for premium.

Aside from well-equipped camp facilities, only equipment is 210 compressor, jackhammer, forge and hand tools. All men are good miners, three working.

*George A. Ballam*

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**STATE OF ARIZONA**  
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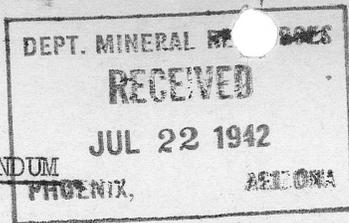
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July 21, 1942

W  
BMA

MEMORANDUM

LEWIS MINE

To: Director, Dept. Mineral Resources  
From: George A. Ballam

This is a lead-zinc property, situated about ten miles SW of Cochise airport in the Stronghold. It is being operated by Lewis, Skinner, and Campbell, address, Dragoon. I spoke to Danny Lewis about the property and he showed me a letter from AS&R (Brent Rickard) indicating that the sample submitted ran 58% combined lead and zinc values. Rickard of course, advised milling to save the zinc, and this property would be a potential producer for the proposed Republic mill. They are getting out a car of high-grade ore but as yet are undecided where to ship. Three men are working.

*George A. Ballam*

ARIZONA DEPARTMENT OF MINERAL RESOURCES  
MINERAL BUILDING, FAIRGROUNDS  
PHOENIX, ARIZONA

March 23, 1961

Mr. Dan Lewis  
Box 602  
Willcox, Ariz.

To the Owner or Operator of the Arizona Mining Property named below:

Lewis Mine	Lead, zinc
(Property)	(ore)

We have an old listing of the above property which we would like to have brought up to date.

Please fill out the enclosed Mine Owner's Report form with as complete detail as possible and attach copies of reports, maps, assay returns, shipment returns or other data which you have not sent us before and which might interest a prospective buyer in looking at the property.

*Frank P Knight*

FRANK P. KNIGHT,  
Director.

Enc: Mine Owner's Report

Information from  
DEPARTMENT OF MINERAL RESOURCES

News Items Mr. Higgins

Date Aug. 16, 1951

Mine Senika Mine

Location near Cochise Stronghold

Owner F. L. Higgins

Address Box 84, Willcox, Ariz.

Operating Co. 9 unpatented claims

Address \_\_\_\_\_

Pres. F. L. Higgins

Genl. Mgr. \_\_\_\_\_

Mine Supt. \_\_\_\_\_

Mill Supt. \_\_\_\_\_

Principal Metals Zinc with small amt. of Lead & silver

Men Employed 3 men at present

Production Rate Will put on 8 more men by Sept. 1<sup>st</sup>

Mill, Type & Capacity No Mill

Power, Amt. & Type \_\_\_\_\_

Signed Apel L. Johnson  
(Over)

Present Operations

Sinking a shaft and  
Drifting

Will ship ore to El Paso.

New Work Planned

Extension of exploration  
program. May apply for an  
exploration loan.

Misc. Notes

Mr. Higgins bought the  
property in 1950.

Former owners shipped  
\$40,000 worth of ore to  
El Paso smelter.

Mr. Higgins says the ore  
assays vegl -

Zinc - 24%

Lead - 4%

Copper - 1%

Silver - 3 oz

Gold - .05 oz.

