



CONTACT INFORMATION
Mining Records Curator
Arizona Geological Survey
416 W. Congress St., Suite 100
Tucson, Arizona 85701
602-771-1601
<http://www.azgs.az.gov>
inquiries@azgs.az.gov

The following file is part of the Doug K. Martin 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.

Desert Queen Mine

Salome 15' (sec. 16, T. 5 N., R. 14 W.)

Yuma County

reference: Arizona Bureau of Mines
Desert Queen (file)

present owner: Marg A. Leshner, Metropolitan P.O.
Los Angeles, Cal. (1965)

former owners: Joseph Winchester

minerals: limonite, chrysocolla,
malachite, cuprite, chalcocite
gold placers

Present owner Mrs Ruth Jakoby
3820 N. 56th Street
Phx. 85018

959-6573

23. Geology & Mineralization Prec. Brian schist with rhyolite and phonolite, of an extrusive nature. The ore consists of amorphous quartz with copper, gold, silver, lead and some molybdenum.
24. Ore: Positive & Probable, Ore Dumps, Tailings
Approximately 40,000 tons that can be measured and from various shipments, of several hundred tons averages \$8.00 gold, from 5 to 10 oz. silver and 2% copper. a run of 300 tons through mill averaged \$11.50 per ton. several thousand tons on dump runs around \$6.00
- 24A. Dimensions and Value of Ore body
The highly mineralized area as shown from small development 110 feet wide 600 feet long and from tunnel and shaft still shows more than 100 ft. deep. There are many high grade stringers that show in this body.
25. Mine, Mill Equipment & Flow-Sheet Have compressor powered by Fordson, air lines, water lines, jack hammer, drill steel, all small tools, water tanks, air receivers and other equipment. Track and ore cars, 75 ton ore bin. 50,000 gal. cement water tank.
26. Road Conditions, Route A well graded road from paved highway 72 and A.T. & S.F. R.Ry. 2-6/10 miles north of Vicksburg, Ariz. and good roads to all points on the property.
27. Water Supply One dug well 150 ft. with 8 x 8 drift 80 ft, long one drilled well 260 ft, which I use for domestic purposes this is equipped with F.B. Morse 8 horse engine also good pump on dug well two inch pipe line to 500 gal. water tank, water piped to four different cabins. cabins furnished very good for mining camp.
28. Brief History This mine was first opened about 50 years ago and tried to operate a small stamp mill, but amalgamation was not satisfactory this is a complex ore, but flotation makes a very good recovery from the few hundred tons I milled. There are several small shafts and open cuts a 300 ft. tunnel, with upraise to surface.
29. Special Problems, Reports Filed
30. Remarks With equipment I have in two days can be operating at 40 ton capacity
31. If property for sale: Price, terms and address to negotiate. Price \$100,000.00 on a ten per cent royalty basis. no down payment, but \$200.00 guaranteed royalty per month to apply on the purchase price.
32. Signature..... *C. D. Fisher*
33. Use additional sheets if necessary. *(Owner)*

Ellsworth District, Table 4 Cont.

MINDING DISTRICT AND MINES	LOCATION T. R. Sec.	MINERAL PRODUCTS	GEOLOGY	TYPE OF OPERATION AND PRODUCTION	REFERENCES
4. Dandy mine group (Starr, Golden, Blue Bird; Wilson Bros., Kimball & Thompson)	5N 14W E Cen 6	Au, Cu, Ag, Pb-, Zn-	Irregular, quartz-fissure veins, with spotty copper, gold, silver, lead, and zinc mineralization, cutting Mesozoic sediments cut by intrusive dikes.	Shaft and open cut operations from early 1900s to 1941, producing some 190 tons of ore averaging about 0.6 oz. Au/T, 3 3/4 Cu, and 4 oz. Ag/T.	ABM file data
5. Desert mine (Golden Mound, Gold Eagle, Winchester, Vicksburg Development Co., Desert Mg. Co., Navajo Mines Co., Leshner, Hasedel Mg. Co., Troy, All State Mg. Co.)	5N 14W Cen 21	Au, Cu, Ag, Pb, Mo-, Fe-	Wide zone of quartz and calcite veins and stringers, and amorphous quartz, carrying spotty, high-grade gold values and oxidized copper and minor lead-molybdenum mineralization with iron oxides, following schistosity of metamorphosed Mesozoic sediments. Some rhyolite and phonolite extrusives and aplite and basic dikes.	Prospected and worked from early 1900's through 1950 from small shafts, open cuts, and tunnel. Production would be some 700 or more tons of ore averaging about 0.3 oz. Au/T, 2 1/2 Cu and 5 oz. Ag/T.	Bancroft, 1911, p. 102 Mines and Copper Handbook, 1918 ABM file data
6. Dona Kay mine (Dona Kay Mg. Co.)	5N 15W N Cen 13	Cu, Ag, Au	Spotty copper, silver, and gold mineralization, mostly oxidized, with quartz gangue in an irregular deposit in a fissure zone in metamorphosed Mesozoic sediments cut by intrusive dikes.	Shaft operations. Produced some 100 tons of 0.8 1/2 Cu, 0.8 oz. Ag/T and 0.03 oz. Au/T in 1956.	ABM file data
7. Glory Hole mine (Arizona Northern, Salome Strike; Glory Hole Bonanza Mines Co.)	5N 14W SW 1/4 6N 14W 33 NW 1/4 4	Au, Ag, Fe, Cu-, Pb-, Mn-	Numerous, irregular, contorted, and discontinuous quartz veins, and large masses of quartz. Some veins with high-grade gold pockets, and gangue of siderite, iron oxides, and some manganese oxides. Some local chalcocite and galena. Country rock is metamorphosed Mesozoic sediments. Mineralization is in a wide fissure or shear zone.	Surface pocket of high-grade gold ore in 1909 started short-lived boom but subsequent exploration failed to develop much additional ore. Total production would probably be no more than about 450 ounces of gold with some silver and copper.	Bancroft, 1911, p. 98-101 ABM file data
8. Granite Wash Mountains placers (Desert mine placers, Yellow Bird mine placers, Dutch Henry; mostly small individual operators)	5N 14W 20-21 5N 14W 4-5 6N 14W 32-33	Au	Gold-bearing gravels in many small gulches, derived from numerous small gold-quartz lenses in the Mesozoic schist.	Placers worked mainly prior to 1900 and intermittently since that time. A rough estimate of total production would be some 300 ounces of gold with some alloyed silver.	Bancroft, 1911, p. 98, 102 Johnson, 1972, p. 74-75 ABM file data
9. Green Hill mine (Gary & Adams)	5N 13W SW 1/4 7	W, Cu-	Sparse, sporadic scheelite grains and masses in narrow discontinuous quartz veins in Mesozoic granitic intrusive. Narrow, discontinuous diabase dikes. Copper oxides and staining.	Pits and shaft. Some 7 tons of scheelite ore shipped in mid-1950s to Quartzsite for milling.	Dale, 1959, p. 10-11
10. Hall mine (Banker)	6N 14W N Cen 7	Ba, Cu-	Platy barite with iron-stained, cherty gangue and minor copper staining, in a narrow vein along a fault in Precambrian schist. Some ore ran 71.7% Ba SO ₄ .	Surface workings. Produced several carloads of handpicked barite ore in 1938.	Wilson & Roseveare, 1949, p. 11 Stewart & Pfister, 1960, p. 79-80
11. Jewel Anne mine group (Contreras, Cohoe, & Rowland)	6N 15W NW 25	W, Ba, Fe, Cu-	Disseminated blebs and pockets of scheelite with quartz, siderite, barite, iron oxide and copper staining in small narrow stringers in silicified Paleozoic marble cut by faulting. Associated diabase dikes.	Open cut, adit, pits, and tunnel working. Some 100 or more tons of 0.5 to 0.7% WO ₃ produced since mid-1950s.	Dale, 1959, p. 17 ABM file data
12. Pee Wee mine group (McVay Mg. Co., Huthmacher & Dills)	6N 15W SW 1/4 24	W, Zn-, Fe-	Sparse, sporadic, scheelite grains, pods, and crystals in narrow quartz veinlets in Laramide granitic intrusive underlying Precambrian schist and Paleozoic marble. Some iron oxide, willemitite, sphalerite and traces of other minerals noted. Good tungsten placer material.	Shallow shafts, adits, tunnels and open cuts. Production in mid- and late 1950's was about 3,237 pounds of tungsten concentrates averaging about 71% WO ₃ .	Dale, 1959, p. 15-16
13. Sheba mine (Shapp & Whitehouse, Cobrita Mines Co., McCauley, Sheba Mg. Co.)	6N 13W NW 1/4 8	Cu, Au, Ag, Fe	Spotty copper sulfides and secondary copper mineralization in irregular quartz-siderite veins in a strong northwest-striking fissure zone cutting Precambrian schist intruded by diorite, andesite, and rhyolite dikes.	Tunnel and shaft operations. Prospected and worked intermittently from early 1900's through 1942, producing some 100 tons of ore averaging about 4 1/2 Cu, 0.2 oz. Au/T and 0.4 oz. Ag/T.	ABM file data
14. Squaw T mine (Elmer)	7N 15W N Cen 27	W, Cu (ble)	Sparse, sporadic scheelite in pockets and pods near contact of micaceous and calcareous schist and marbleized limestone overlying granite. Numerous diabase and rhyolite dikes and some barren quartz veins.	Shallow cuts and pits. Worked sporadically in early and middle 1950's and produced some 125 units of WO ₃ .	Dale, 1959, p. 18-19
15. Three Musketeers mine (Brusco, Wood & Huthmacher, Aplington, Floreen & Assoc., Fleming)	6N 15W SW 1/4 24	W	Small grains and pods of scheelite in discontinuous quartz lenses in Mesozoic calcareous schist and in quartz-fissures veins in Laramide granitic intrusive. Strong fracturing and associated diabase dikes.	Worked from shafts, adits, pits, tunnels and open cuts from 1951 to present time, producing some 1200 tons of ore yielding about 600 units of WO ₃ .	Dale, 1959, p. 11-15 ABM file data
16. True Blue mine group (Golden Orbit, Ballif, Gray, True Blue Mg. Syndicate, Verdugo Mines Co.)	5N 14W	Au, Ag, Cu	Pockety gold with silver and small lenses of copper carbonates, oxides & sulfides, associated with quartz seams in a northwest-striking, brecciated zone in interbedded limestone, shale, argillites, and quartzites of probable Mesozoic age. Diabase intrusives and intrusive Laramide granitic rocks nearby. Sylvanite reported.	Shaft, tunnel, and open cut workings developed from 1917 and mainly from 1931 through 1939. Total production would be some 200 tons of ore averaging about 0.7 oz. Au/T, 0.6 oz. Ag/T and 1 1/2 Cu.	ABM file data

DEPT. OF MINERAL RESOURCES
STATE OF ARIZONA
MINE OWNER'S REPORT

FEB 3 1942

Date February 2nd, 1942.

- MD-25
1. Mine Desert Mine.
 2. Location Vicksburg, Arizona.
 3. Mining District & County, Ellsworth Mining District, Yuma County, Arizona.
 4. Former name Desert Mine.
 5. Owner C. D. Leshar ✓
 6. Address (Owner) Vicksburg, Arizona.
 7. Operator Not operating
 8. Address (Operator)
 9. President, Owing Co. /
 - 9A. President, Operating Co. ✓
 10. Gen. Mgr. /
 14. Principal Minerals Gold, Silver, Copper ✓
 11. Mine Supt. /
 15. Production Rate /
 12. Mill Supt. /
 16. Mill: Type & Cap. /
 13. Men Employed /
 17. Power: Amt. & Type
 18. Operations: Present /

19. Operations: Planned /

20. Number Claims, Title, etc.

Three patented claims and two held by location.

Title guaranteed and no indebtedness of any kind on the property.

21. Description: Topography & Geography Elevation housing quarters 1800 ft. the highest point on property 2516 ft. The vein system has a decided strike- north and south- with a dip to the N.E..

22. Mine Workings: Amt. & Condition I have shipped several cars that run from \$12.00 to \$22.00 per ton at smelter and several truck loads that run from \$15.00 to \$60.00 per ton, have car and truck shipment sheets on hand for examination.

(over)