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(301)

Item # 11

a. Star district, Pershing County, Nevada.

b. Geographic coordinates: 40°33' N., 118° 06' W.

c. Status of exploitation: Organized in 1861. Early development of bonanza ore at Sheba mine gave silver production estimated at $5,000,000. Antimony oxide mined in 1917. District abruptly collapsed in 1868. Mines have been idle for many years.

Cu-0
Pb-0
Zn-0
Ag-1
Au-0

d. References: Lincoln, F. C., 1923, Mining districts and mineral resources of Nevada: Nev. Newsletter Pub. Co., Reno, p. 219-220; Vanderburg, W. O., 1936,___: U. S. Bur. Mines Inf. Circ. 6902, p. 44.

e. Adequacy of our present knowledge: Probably inadequate.

f. Topographic coverage: Adequate, Imlay 1956, 15-min. quad., 1:62,500.

g. Major mineralogic and geologic features: Triassic thin-bedded limestones and tuffaceous sandstones interbedded with thin flows of rhyolite and related rocks. The Sheba bonanza ore occurred as lenses following bedding plances in limestone or between limestone and adjoining rocks. Interconnecting seams or veinlets cut across the limestone beds. Ore consists of quartz carrying argentiferous jamesonite, galena, sphalerite, pyrite, and tetrahedrite. Stibnite occurs in a quartz vein in limestone.

Silver in the United States

(Data sheets for individual mining districts, prepared in conjunction with metallogenic map for 1960 International Geological Congress.)

Authorship:

E. T. McKnight - All districts west of the Mississippi River, except most of those silver-producing districts containing less than 1,000 tons of lead or zinc in the following states: Arizona, New Mexico, Nevada, Oregon and Washington. Also the following silver districts in 4 of the states mentioned: Vulture, and Helvetia, Ariz.; Ash Peak, Miami, Globe, Apache, Black Range, Chloride Flat, Georgetown and Lake Valley, New Mexico: Ashwood and Granite, oregon; Deertrail, Nespelem and Ruby-Conconully, Washington.

A. V. Heyl, Jr. - All districts east of the Mississippi River (except White Pine district, Michigan. White Pine, Mich.)

Harry Klemic and W. L. Newman - Silver districts not associated with lead or zinc, in Arizona, New Mexico, Nevada, Oregon, and Washington (except as listed above).

Size categories of deposits
(as penciled in left margins)

	0	1	2	3
Cu	Less than 1,000 tons	1,000 to 50,000 tons	50,000 to 1,000,000 tons	More than 1,000,000 tons
Pb	"	"	"	"
Zn	"	"	"	"
Ag	Less than 100,000 oz.	100,000 to 5,000,000 oz.	5,000,000 to 50,000,000 oz.	More than 50,000,000 oz.
Au	Less than 10,000 oz.	10,000 to 100.000 oz.	100,000 to 1,000,000 oz.	More than 1,000,000 oz.

(NOTE: Categories for Au are less certain than for others.)

District No. on metallogenic map penciled at lower right.