

NEVADA
HUMBOLDT COUNTY

SULPHUR DISTRICT

Also known as Black Rock Dist, on northwest flank of Kamma Mts. and southeast corner of Black Rock Desert. Discovered by Indians and shown to whites in 70's. First locations in 1875 and first company the PACIFIC SULPHUR CO, who erected a refinery and operated it for 8 years, producing 6 to 7 tons sulphur per day. In 1900 deposits acquired by NEVADA SULPHUR CO which operated for several years. In 1917 deposits purchased by CALIFORNIA REX SPRAY COMPANY, which with others was intermittently active until 1929.

In 1908 rich silver ore was discovered at the south end of the deposit. Silver ore mined for a few years with total value of \$100,000.

CALIFORNIA REX SPRAY COMPANY in 1937 controlled about 1000 acres of patented sulphur bearing ground. After buying prop. in 1917 it operated for four years and then leased it to the Redwood Lumber Company of California. REDWOOD operated for one year and in 1924 the lease was taken over by the HUMBOLDT SULPHUR CO, which operated until 1929 when it went into hands of receiver. Then leased to SIERRA SULPHUR CO which never operated, and in 1934 it reverted to owners. In 1937 all equipment was auctioned. Has produced about 40,000 tons of sulphur.

Deposits are distributed over an area several miles long and one mile wide. S occurs as crystal masses on walls of cavities and disseminated in a highly altered siliceous rock cemented by quartz and chancedohy. In some of the cavities the S is solid and appears to have flowed through the channels in the rocks in liquid form. A considerable amount of alunite, some gypsum, and small amounts of cinabar is associated with the sulphur. Most of sulphur was mined from shallow depth. Sulphur content of material as mined varied from 15 to 85 per cent.

ALUNITE deposits, in veins, occurs in the vicinity. Recognized in 1900 it was not mined until 1917, when about 500 tons were shipped in crude state as fertilizer to the coast. Deposits have been prospected by about 500 feet of shafts. ALUNITE occurs in at least three parallel veins, 2 to 15 feet wide with steep dip. Country rock is mostly a rhyolite breccia, covered by tuff and detritus, and veins are traceable for considerable distances.

SILVER deposits occur at the south end, a short distance from a place called the DEVIL'S CORRAL. The principal property was the SILVER CAMEL MINE, which produced \$100,000 in high grade silver ore from 1908 to 1912. Development consists of a few trenches and shallow shafts totaling about 1500 feet. Deepest shaft 95'. Silver is as cerargyrite (hornsilver) in narrow veins from less than one inch to 4 inches thick. They are no deeper than 20 feet. Narrow seams occur in a CEMENTED CONGLOMERATE.

February 24, 1967

William J. Foreman, Esquire
One East First Street
Reno, Nevada

Dear Mr. Foreman:

The fee for my report of February 23, 1967, that you requested, on the properties and plant of the Star-Glo Sulphur Corporation is, \$200.00.

J. McLaren Forbes