

I. C. 7093

1940
W.O. VANDERBURG

FIREBALL DISTRICT

(Truckee)

The Fireball district is in a low range of unnamed hills in northwest Churchill County about 10 miles northwest of Springer's Hot Springs on the Victory Highway. It was discovered by Fred Anderson in 1930. For several years after its discovery a number of properties were prospected by claim owners and lessees for shipping ore, but the results were discouraging and only about 20 tons of ore that averaged \$30 per ton is reported to have been produced. In recent years the only activity has been a small amount of desultory prospecting.

The largest property in the district is the Fireball group, comprising five unpatented mining claims and 200 acres of patented railroad-grant land owned by E. Opdyke of Wadsworth, Nev. Other claims are owned by C. C. Higgins of Reno, Nev.

The economic minerals are gold and a little silver occurring in quartz stringers in silicified limestone cut by rhyolite and andesite.

HOLY CROSS DISTRICT

The Holy Cross district is in southwestern Churchill County near the Mineral County border. Schurz, a station on the Mina-Hazen branch of the Southern Pacific R. R., is 12 miles southwest, and the town of Fallon is 29 miles north. The district was discovered in 1911 by V. B. Terrell, working under grubstake agreement with Craig Catterson, formerly of Rawhide, Nev. Following the discovery considerable prospecting was done, but no important mineral deposits were discovered. The total production, chiefly by lessees, has been about \$40,000 in shipping ore. In the fall of 1939 several lessees were active on claims controlled by the Terrell estate.

A diatomaceous earth deposit south of Fallon and several groups of claims northwest of the Holy Cross district proper are included in the Holy Cross district for convenience.

Terrell Group

A group of 26 claims, comprising the principal workings in the district, is controlled by the Terrell estate, administered by Henry Smith of Fallon, Nev.

The workings consist of about 10 shallow shafts and several adits, comprising in all about 3,000 feet of scattered workings. The deepest shaft is 140 feet and the longest adit 1,500 feet. Equipment on the property consists of tools for hand mining and seven camp buildings.

Ore occurs in a series of narrow veins in rhyolite and andesite. The principal metallic minerals are silver chloride, gold, cerussite, a small amount of zinc, and in places some manganese. On the Last Hope claim manganese silver veins striking north and south and dipping vertically up to 2 feet in width are traceable on the surface for several thousand feet. The manganese, in the form of psilomelane and pyrolusite, ranges from 5 to 15 percent