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NEVADA
HUMBOLDT COUNTY

POTOSI DISTRICT

Potosi (also Kelly Creek) at north and east slopes of the Osgood Range. Prospected in 80's for copper and silver. During World War I, contact metamorphic tungsten deposits discovered. No tungsten production up to 1937. In 1934 purchased by Noble Getchell for gold (Au disc. in 1933). The Getchell Mine Inc. was organized and exploration work continued on a broad scale, so that in 1937 it was one of the outstanding mining developments of the county.

GETCHELL MINES INC has a large area of patented railroad land and unpatented mining locations. Development amounted to 4000 feet in 1937. Gold with a small amount of silver occurs in a mineralized zone in a black, silicified limestone. Ore zone strikes N20W and dips 40 degrees east. Hanging wall is a fault zone about 60 feet wide. Footwall is white limestone in contact with granite. Ore oxidized at surface, and at depth sulphides are present as realgar and orpiment. In 1937 a large tonnage of ore ranging from \$5 to \$12 per ton was blocked out.

TUNGSTEN deposits occur on the east slope of the Osgood Range. Up to 1937 there had been little activity in tungsten, and there was no record of tungsten concentrates. Tungsten occurs as scheelite in a gangue composed chiefly of garnet, epidote, quartz and calcite, in sedimentary formations intruded by quartz diorite.