THE IVANHOE AND EMPORIA MINES, in the APACHE MINING DISTRICT, SIERRA COUNTY, NEW MEXICO. These mines are located on the east flank of the Black Range of Mountains in the northwest corner of Sierra County, New Mexico, wholly within the DATIL NATIONAL FOREST RESERVE, about one hundred and fifty miles, as the crow flies, northwesterly from El Paso, Texas, which is an important ore buying center, and where is located one of the largest smelters in the world, that of the American Smelting and Refining Company. The little town of Fairview, about ten miles to the southeast of the mine, is the center of the population and business of the surrounding mines, and the country between the mines and Fairview is almost level, even in the mountains. The mine is reached by automobiles and trucks, over very good and practicable roads. The nearest railroad stations are MAGDALENA, fiftyeight miles to the northeast, and ENGLE, thirty-eight miles to the east, as the crow flies. The wagon roads to these points, however, are much longer, that to Magdalena being eighty miles and that to Engle being sixty-five miles. The climate is salubrious. The rainfall is not much more than ten inches annually. Work of all kinds may be done out of doors, about every day of the year. The winters are mild. The summers are great. The elevation is about seven thousand, five hundred feet above sea level. The only known enemies tending to retard the financial success of these mines is the exceeding hardness of