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FIG. 2.—FISHERS PEAK AND RATON MESA.

This view is taken from near the Engle mine. It shows the flat-topped character of the mesa, which rises 3,000 feet above, and the vertical cliffs of basalt forming its summit. The slopes of the mountain are composed of the coal-bearing Laramie, a hard stratum of which has produced the terrace in the middleground. The rock exposed in the foreground is the Trinidad formation.



FIG. 3.—CONICAL BUTTES OF IGNEOUS ROCK.

This represents one of the most typical of the volcanic plugs of the district. It consists of a cylindrical mass of basalt occupying the vent of an extinct volcano, and is surrounded by an accumulation of basalt talus. The butte is situated one mile north of Adair station, on the Colorado and Southern Railroad.

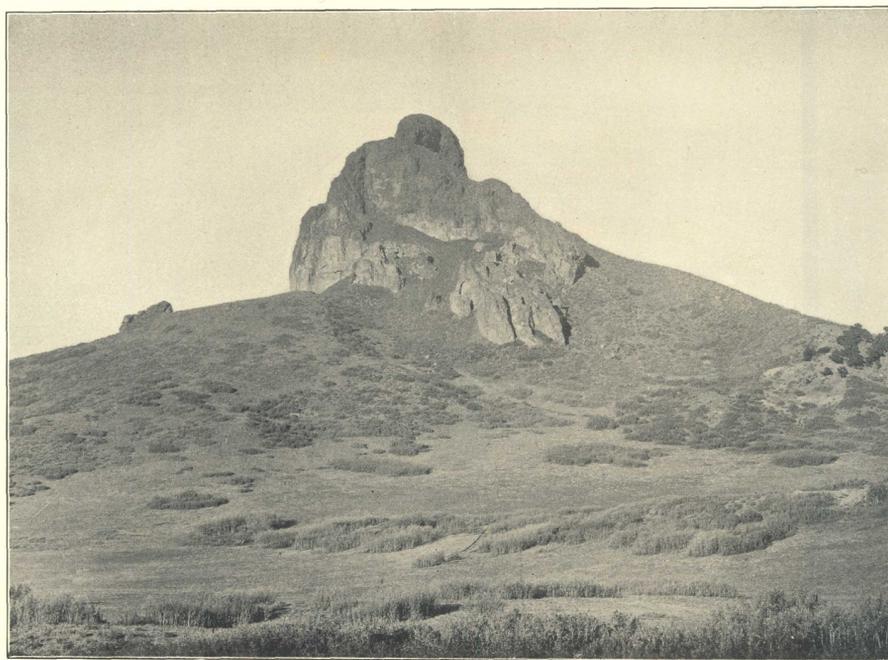


FIG. 4.—IGNEOUS BUTTES OF IRREGULAR FORM.

This is one of a row of plug-like bodies of lamprophyre which are connected with one another by dike-like bodies of the same material. They occur in the northern part of the quadrangle.