

630

## INDEPENDENT RESURVEY OF SUBDIVISION OF T. 20 S., R. 64 E.

## Chains

Undergrowth, shadscale, creosote brush, mountain rush, mesquite, and cactus.  
Poor grazing land.

## GENERAL DESCRIPTION

The land within Township 20 South, Range 64 East, is desert, rolling in the western and central portions, and quite broken and hilly in the eastern portion of the township; with general drainage and exposure southerly into Lake Meade. Due to the scarcity of vegetation and the character of the soil, large floods occur in cases of cloud bursts in the vicinity, and many wide flat washes and flood plains are found throughout the township as a result.

The soil is gravelly clay and clay loam over the greater portion of the township, being rocky in the hills of the eastern portion; a red clay is found in parts of the western portion of the township. The rock formation is mostly sandstone, with some limestone.

There is no water within the township, the nearest water being Lake Meade, an artificial lake formed by the construction of Boulder Dam. At the time of this survey the shoreline of the lake was approximately from 2 to 3 miles south of the south boundary of the township, but the lake had not yet been filled to capacity. Boulder Dam is located about 12 miles south of the SE. corner of the township. Due to the lack of water the land has apparently never been used for the grazing of livestock, and even if water were made available, would be of little value for grazing because of the scarcity of vegetation.

The general elevation of the township is between 2000 and 2500 feet above sea level.

No timber was found within the township. The undergrowth consists chiefly of scattering creosote brush, shadscale, mountain rush, buck brush, mesquite, chaparral, and cactus, along with a very scant growth of grass and weeds in the hilly portion of the township.

The nearest postoffice is located in Las Vegas, Nevada, about 15 miles distant in a westerly direction. Las Vegas is also the nearest railroad station and supply point, and may be reached by means of a graded road which has been gravelled in places that might cause trouble in very wet weather.

No settlers were living within the township at the time of the survey:

A large surface deposit of gypsum, from 1 to 8 feet thick, was found in the western portion of the township, covering the greater portions of secs. 6, 7, 17, 18, and 19, the western portions of secs. 8, 16, and 20, and the northern portion of sec. 30. Small outcroppings of gypsum were also found scattered throughout the eastern and northern portions of the township. No evidence of any other minerals that might prove of value were observed during the progress of this survey.

No corners established by the original survey of this township were found during the progress of this resurvey.

At those corners where no mounds were used to witness the corners and where sufficient stone for a mound was not available, either the post was set over a X cut in solid rock; or a stone marked X, or charcoal was deposited at the base of the post as a corner memorial.

The mean magnetic declination is  $16\frac{1}{2}^{\circ}$  E.