Dep. Res., Third Stan. Par. N., along a portion of the S. Bdy. of T. 16 N., R. 61 E.; and Dep. Res. of the W. Bdy., T. 15 N., R. 62 E. with addition of Survey Cors. for the E. Bdy. of T. 15 N., R. 61 E.

Chains

The Third Standard Parallel North along the south boundary of T. 16 N., R. 61 E. was originally surveyed by E. B. Monroe, Deputy Surveyor, in 1869. This same Deputy surveyed the west boundary of T. 15 N., R. 62 E. in 1873.

The south and west boundaries of T. 15 N., R. 61 E. were surveyed by E. B. Monroe, Deputy Surveyor, in 1884 and independently resurveyed under the present Group 277.

For a description of instrumental equipment used and their tests and adjustments, methods of determination, line measurement, etc., see field notes of the survey of T. 14 N., R. 60 E. executed under the present Group 277, Nevada. Directions of all lines were checked by angulation connection with the following hour angle Polaris observation.

September 15, 1953, at the standard corner of Ts. 16 N., Rs. 60 and 61 E., on the N. bdy. of sec. 6, T. 15 N., R. 61 E., in latitude 39° 12' 09" N., and longitude 115° 09' 30" W., at 6h 15.3m p.m., l.m.t., we make an hour angle observation on Polaris, East of the meridian; reading the horizontal deflection angle from a flag, about 20 chs. N., in the direction N. to E.

Hour angle of Polaris	7h17m30s
Azimuth of Polaris, E. of true meridian	1° 09.1'
Mean horizontal angle, flag to star (The average of four readings, two direct and two reversed.)	1° 08.7'

True bearing of flag N. 0° 00.4' E.; which had previously been determined as North, by deflection from the standard parallel, indicating an error of 00.4' in the previously determined bearing of the standard which is now adjusted to true bearing.

The geographic position of the southeast corner of the township. determined by reduction of township exterior traverse from the corner of Ts. 13 and 14 N., Rs. 59 and 60 E., which in turn is shown on U.S.G.S. quadrangle sheet "Treasure Hill" is latitude 39° 06' 50" N., and longitude 115° 03' 20" W.

Dep. Res., Third Stan. Par. N., through R. 61 E.

Reestablishment of the Survey Executed by E. B. Monroe, Deputy Surveyor, in 1869.

The standard ¼ sec. cor. of sec. 36, T. 16 N., R. 61 E., which is marked by an old mound of earth and stone and pieces of an old rotted post, marks no longer visible.

At the corner point

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

S C
¼ S 36
1953

from which

A juniper, 8 ins. diam., bears N. 50° E., 79 lks. dist., mkd. ¼ S36 SC BT.