

TOWNSHIP 5 NORTH, RANGE 57 EAST, MOUNT DIABLO MERIDIAN, NEVADA

CHAINS

The following field notes are those of the survey of a portion of the south boundary and a portion of the subdivisional lines of Township 5 North, Range 57 East, Mount Diablo Meridian, Nevada.

The north boundary (First Standard Parallel North) was surveyed by U.S. Deputy Surveyor E.B. Monroe in 1871 under Contract No. 42. A portion of the north boundary was dependently resurveyed and the west boundary was surveyed by U.S. Surveyor E.R. Bunbury in 1916 under Group No. 41. Other surveys remote to this area are not included.

In order to simplify the record, the true line notes only are supplied herewith, which refer to the completed survey.

The survey was executed in accordance with the specifications set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions for Group No. 870, dated August 18, 2008.

Measurements were made with Trimble 5700 Global Positioning System (GPS) receivers using the real-time kinematic (RTK) method and refer to the true meridian based on geodetic methods. The mean bearings of the lines and horizontal equivalents of ground distances only are entered in the field notes.

The NAD 1983 (CORS 96) geographic position of the southwest corner of the township as determined from GPS static observations processed by the National Geodetic Survey, Online Positioning User Service (OPUS), utilizing Continuous Operating Reference Stations (CORS) RAIL RAILROAD VALLEY CORS ARP, EGAN BRGN NV1996 CORS ARP and ECHO BRGN NV1999 CORS ARP, in 2008, and carried forward by RTK observations is as follows:

Latitude: 38°14'26.128" N. Longitude: 115°37'10.692" W.

The mean magnetic declination of 13°06' E. was derived from the National Geophysical Data Center's (NGDC) on-line declination calculator, utilizing the latest International Geomagnetic Reference Field (IGRF) model for the dates of the survey.

SURVEY OF A PORTION OF THE SOUTH BOUNDARY,
T. 5 N., R. 57 E., MOUNT DIABLO MERIDIAN, NEVADA

Beginning at the cor. of Tps. 4 and 5 N., Rs. 56 and 57 E., monumented with an iron post, 3 ins. diam., firmly set, projecting 8 ins. above the ground, with brass cap mkd. as described in the field notes of T. 5 N., R. 56 E., executed under Group No. 41, from which the original bearing trees

A pinon pine, 12 ins. diam., bears N. 61° E.,
116 lks. dist., with scribe marks T5NR57ES31BT
visible on partially healed blaze. (Record,
N. 61°10' E., 1.15 chs.)