

TOWNSHIP 1 NORTH, RANGE 38 EAST, MOUNT DIABLO MERIDIAN, NEVADA

CHAINS

The following field notes are those of the survey of the east boundary of T. 1 N., R. 38 E., Mount Diablo Meridian, Nevada.

The Mount Diablo Base Line was dependently resurveyed through a portion of R. 38 E., executed concurrently in T. 38 N., R. 38 1/2 E., of this same group.

On September 9, 1960, the cor. of Tps. 1 and 2 N., Rs. 37 and 38 E., originally set by U.S. Deputy Surveyors A.J. Hatch, D.H. Barker and J.H. Eaton in 1877, under Contract No. 76 was reported found and described on a BLM "Report on Corners of the Cadastral Survey Grid" (Form 9600-21).

The diagram representing the official protraction of the rectangular system of survey for T. 1 N., R. 38 E. is shown on Nevada Protraction Diagram No. 64, Unit No. 76, revised February 11, 1963.

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. 861, dated March 5, 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 83 (CORS 96) geographic position of the corner of sections 25, 30, 31 and 36, determined from GPS static observations processed by the National Geodetic Survey, Online Positioning User Service (OPUS), utilizing Continuously Operating Reference Stations (CORS) P304 MENDOTA CN2004 CORS ARP, UPSA UPSAL HOGBACK CORS ARP, and P594 CROWCANYONCS2005 CORS ARP, in 2008, and carried forward by RTK observations is as follows:

Latitude: 37°54'18.326" N. Longitude: 117°41'35.293" W.

The 1980 mean magnetic declination is 15°30' E., as shown on U.S.G.S. 7 1/2 minute quadrangle map "NORTH OF SILVER PEAK, NEV.", provisional edition dated 1987.

SURVEY OF THE EAST BOUNDARY,
T. 1 N., R. 38 E., MOUNT DIABLO MERIDIAN, NEVADA

Beginning at the point for the cor. of Tps. 1 and 2 N., Rs. 38 and 38 1/2 E., determined N. 89°58'00" E., 479.43 chs. dist. from the cor. of Tps. 1 and 2 N., Rs. 37 and 38 E.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.