

## TOWNSHIP 16 NORTH, RANGE 37 EAST

## CHAINS

The following field notes are those of the independent resurvey of the Third Standard Parallel North, through Range 37 East, the survey of the north boundary and a portion of the subdivisional lines of Township 16 North, Range 37 East.

The history of previous surveys is as follows:

| Lines Surveyed                   | By Whom        | Date |
|----------------------------------|----------------|------|
| Third Stan. Par. N.,<br>R. 37 E. | T. K. Stewart  | 1883 |
| East Bdy.                        | A. Nelson      | 1915 |
| East Bdy., T. 16 N.,<br>R. 36 E. | J. D. Sorensen | 1966 |

The direction of the lines of this survey were determined by altitude observations of the sun. The lines were carried forward by sustained angulation being supplemented by other altitude observations of the sun taken throughout the progress of the survey. The vertical angles of measurements made on the slope were ascertained by a clinometer in good adjustment; the horizontal equivalents only are entered in the field notes.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1947, and the Special Instructions dated April 13, 1966.

The geographic position of the southeast corner of the township is at latitude  $39^{\circ} 12' 01.2''$  N., and longitude  $117^{\circ} 45' 17.4''$  W., as adjusted along section lines from U.S.C. & G.S. triangulation station, IRON ROCK, situated near the southwest corner of T. 16 N., R. 36 E.

The magnetic declination was found to be  $17\frac{1}{4}^{\circ}$  E.

INDEPENDENT RESURVEY OF THE THIRD STANDARD PARALLEL NORTH,  
THROUGH RANGE 37 EAST

This independent resurvey supersedes the survey executed by T. K. Stewart, U. S. Deputy Surveyor, in 1884. A diligent search was made for the original corners and none were found.

Beginning at the standard corner of Tps. 16 N., Rs. 37 and 38 E., monumented with an iron post, 3 ins. diam., set, mkd. and witnessed as described in the official record.

WEST, along the S. bdy. of sec. 36.

Over mountainous terrain, through scattered timber; asc. 40 ft. over an ESE. slope.