

SUBDIVISION SURVEY OF SECTION 29, T. 9 S., R. 37 E., W.M.

This survey is made for the determination of the exterior boundaries of the Northeast quarter for owner Dave Simonson. Survey began August 25, 1971, commencing at the Southeast section corner, marked by a one-inch iron pipe in a mound of stones in the vicinity of 1st Street and Auburn Street in the City of Sumpter, Oregon. Survey completed on October 22, 1974.

Four closed traverses were made in this section and along the exterior boundaries with the following monumented corners tied and coordinates calculated from the balanced traverses.

1. The Southeast corner, previously described.
2. The Northeast corner, a brass cap on iron post set by BLM and witnessed by 1 old BT, 2 old BT stumps and 4 new BTs.
3. The Northwest corner, BLM brass cap on iron post, with remnants of 4 old BTs and 4 new BTs.
4. The Southwest corner, a BLM brass cap on iron post, remnants of old BTs and 4 new BTs.

None of the original quarter corners or their accessories were recovered during the search associated with this survey.

The mineral survey data for the J. D. Young and Co. claim, Sumpter Placer, Mary Agnes Consolidated, Gold Wedge Placer, No Name Placer, Sumpter Deep Gravel Mine, Meadow Placer, all mining claims, lying in or adjacent to Section 29 was examined for evidence of the original quarter corner locations.

The original field books of notes of the Sumpter Townsite Syndicate surveys for the layout of the major portion of Sumpter, Oregon, dated October and November, 1899, were obtained from Arthur H. Woodwell, Oregon RPE 1738, resident of Sumpter.

These notes describe traverses for the purpose of locating the center of Section 29. STS survey ties were made to all quarter corners in the section, and the East section corners.

The distances between found section corners on the East section line are found to vary by 5.7 feet distance and  $0^{\circ} 07'$  in bearing from the STS data. STS bearing between section corners was rotated  $0^{\circ} 07'$  to conform to the meridian determined by solar observation for this survey and the 5.7 feet excess distance is apportioned according to the STS given distances for the relocation of the East quarter corner. This rotation and apportionment results in  $0^{\circ} 06'$  bearing difference between the Southeast section corner and the quarter corner. The STS closure error for the SE $\frac{1}{4}$  section is about 1:1100.

The East quarter corner was monumented with an aluminum cap on one-inch iron post in a rock mound and two bearing trees were scribed:

An 8" pine bears N.  $46^{\circ}$  E., 11.6 ft. dist., mkd. W  $\frac{1}{4}$  S 28 BT.

An 8" pine bears S.  $47^{\circ} 30'$  W., 8.5 ft. dist., mkd. E  $\frac{1}{4}$  S 29 BT.

T 9 S R 37 E

The monument is marked: S29  $\frac{1}{4}$  S 28  
CS 1974

The No Name Placer and Meadow Placer survey tie from the the Southwest section corner to the South quarter corner (S.  $89^{\circ} 55'$  E., 2642.9 feet) was accepted for relocation of the quarter corner. The resulting closing course to Southeast section corner is N.  $88^{\circ} 47'$  E., 2668.93 feet, nearly identical to the STS course of N.  $88^{\circ} 48'$  2668.6 ft. when rotated  $0^{\circ} 07'$ . The location was not monumented, this survey.