

OREGON STATE PARKS AND RECREATION DIVISION

EMIGRANT SPRINGS STATE PARK
Section 29, T1N, R35E, W.M.
Umatilla County
August 28, 1981

SURVEY NARRATIVE

The purpose of the survey was to establish the boundary of Emigrant Springs State Park in Section 29, T1N, R35E, W.M.

Control for this survey was established using a Jena one-minute theodolite with a Mac II-H electronic distance measuring instrument.

Bearing control was taken from an Oregon State Highway Division map, drawing number 6B-1-3, dated July, 1941.

In order to establish the park boundary, we needed to subdivide Section 29. The found corners were tied using random traverses. From found corners we were able to calculate and then reestablish the north, east and south quarter corners of Section 29. With these corners, we were able to subdivide Section 29 setting boundary corners at the east sixteenth of Sections 20 and 29, north sixteenth of Sections 28 and 29, center quarter of Section 29 and random points along the west and south lines of the northeast quarter of Section 29. To conclude our survey, we used deed distances with calculated bearings of section lines to establish the triangular parcel in the northeast quarter of the southeast quarter of Section 29.

CORNER INFORMATION

Magnetic Variation: $20\frac{1}{2}^{\circ}$

Section Corner $\frac{19}{30} \frac{20}{29}$

R-5

Original:

Set basalt stone 9"x8"x7", 6" in ground for corners 19, 20, 29 and 30, 2 notches south and 5 notches on east edges.

24" pine N26°E, 80 links "T1N S20 BT". (Parks Crew found rotten 28" stump.)

12" pine S60°E, 77 links "R35E S29 BT". (Parks Crew found rotted remains of stump.) Found trace of scribe "BT".

10" pine S52½°W, 31 links "T1N S30 BT". (Parks Crew found 19" pine.) Found trace of scribe "T1N" and "BT".

20" pine N55°W, 124 links "R35E S19 BT". (Parks Crew found rotten 26" stump.)

Parks Crew Set:

5/8"x30" capped iron rod with aluminum cap marked "Oregon State Parks" and erected mound of rock around rod.

12" Ponderosa pine N26°W, 57.1' to center, scribed "T1N, R35E, S19, BT". Set Parks corner tag.

26" Ponderosa pine N65°E, 62.8' to center, scribed "T1N, R35E, S20, BT".

12" Ponderosa pine S60°E, 70.7' to center, scribed "T1N, R35E, S29, BT, RS691".

Corner is 28.6' east of center line of dirt road and 2.7' west of a north-south fence line.

CLIVED BY

Umatilla County Surveyor

11-81

Rec'd BLS

No. S-124