

# COUNTY SURVEYOR'S RECORD, DOUGLAS COUNTY, OREGON

BEHRENS & CO. PORTLAND, ORE. 87345

<p><b>Survey No.</b>                      <b>Made on</b>      August 191 1923</p> <p><b>In Town.</b>      23 S <b>Range</b>      10 W <b>Sec.</b>      25</p> <p><b>Made for</b>      Luther P Judy and Sig Ash</p> <p><b>Purpose of</b>      To establish the West boundary of the NE<math>\frac{1}{4}</math> NE<math>\frac{1}{4}</math> Sec 25</p> <p>Surveyed by J.W. Cole</p>	<p><b>Survey No.</b>                      <b>Made on</b></p> <p><b>In Town.</b>                      <b>Range</b>                      <b>Sec.</b></p> <p><b>Made for</b></p> <p><b>Purpose of</b></p>
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FN 111                      C.S. 147

I began the survey at the NE corner of Section 25 where I found an old stake properly marked still standing. The bearing trees were all down and the stump of a Maple tree checking for distance and direction was all the evidence of the bearing trees to be found. I set an Iron pipe 1"x30" to perpetuate the corner and ran thence South 3.5 ft to Hub No 0 thence 389°42'W 43.3 ft to Hub No 1 thence 389°40' 323.8 ft to hub No 2, thence 387°10'W 235.5 ft to Hub No 3 where I took a Sun observation as follows

Time 10:00 AM Aug 19 1923. Set at No 3 Fore sight No. 2 Turn R 41°34' to sun. Back Course 350°00'E with variation out 22°45'E Measured Alt. 49°00'

Dec Sun Greenwich noon ----	13°03"
Corr for 6 hours	05'
--- at time of observation	-----
	12°57'
Latitude of Base line	45°31'
Correction for 22.75 Townships	1°59'
Latitude of Observation	-----
	43°32'
Measured Altitude	49°00'
Refraction correction	-----
True altitude	-----
	49°00'

tan 49°00' x tan 43°32' eq. 1.0930 . Cos 49°00' x Cos 43°32' Eq. .4757

Sin. 12°57' eq. .4711      1.0930 minus .4711 Eq. .6219 Eq. Cos 351°33'E

From Sun turned Left 41°34' Hence direction of line 136°57'

A Second Observation gave N86°57'E Average 137°10'W

From hub No 3 N85°05'W 63.6 ft. to Hub No 4 thence N88°05'W 267.9 ft. to Hub No 5 thence N77°40'W 423.5 ft. to hub No 6 thence N88°04'W 1031.7 ft. to Hub No 7 thence N29°41'W 73.3 ft to hub No 8 thence N72°38'W 161.6 ft to hub No 9 thence S46°04'W 129.5 ft to hub 10 thence S 7°29'W 38.0 ft to hub No 11 which is the  $\frac{1}{4}$  Cor on the North boundary of Section 25

I found the old stake which was entirely covered with sediment also the Myrtle bearing tree I set a new Cedar stake 3"x3"x36" and drove an iron pipe 1"x36" to perpetuate the corner

I then returned to hub No 6 and ran South 68.7 ft and East 16.8 ft. and set an Iron pipe 1"x36" for the true 1/16 corner. Thence I ran South 1°13'E 13200 ft

Believers and Witnesses      Sigwald Ash, Luther P Judy, Bill Judy  
Richard Petersen

