

SECTION 13, T. 2 N., R. 31 E., W. M.
RIETH, UMATILLA COUNTY, OREGON

CURVE TABLE:

#	Delta Angle	Radius	Length	Tangent	Long Chord
C1	8°44'09"	670.15	102.18	51.19	S87°20'18"E 102.08
C2	5°53'51"	670.15	68.98	34.52	N85°20'42"E 68.95
C3	59°00'00"	174.63	179.82	98.80	N52°53'47"E 171.98
C4	15°49'00"	316.48	87.36	43.96	N31°18'17"E 87.09
C5	5°21'00"	1175.92	109.88	54.94	N41°53'17"E 109.76
C6	17°44'00"	746.20	230.95	116.41	N33°25'47"E 230.03
C7	42°49'00"	602.96	450.59	236.40	N83°42'17"E 440.17

NARRATIVE:

This survey was performed at the request of Mr. John Bustard during May of 1998. The purpose of the survey was to define the boundaries of Tracts I and II described in Reel 323 Page 0164 of Umatilla County records. The Tracts adjoin and are both located in the Northwest Quarter of the Northeast Quarter (Lot 2) of Section 13, Township 2 North, Range 31 East, Willamette Meridian.

The locations of Section and One Quarter Section Corners and control points were determined using a Leica System 200. All these Corners were previously monumented with brass capped monuments with the exception of the southwest and the south One Quarter Section Corners of Section 13. The procedure used to monument these Corners are described in the Corner Certificates accompanying this survey plat.

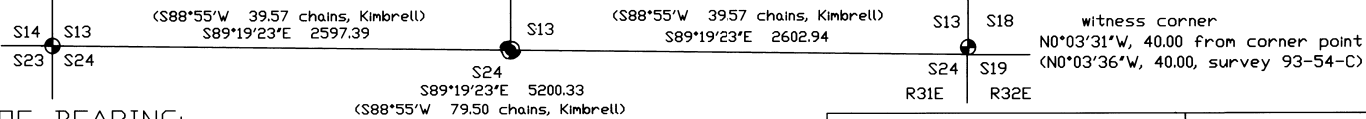
Tract Boundaries -

The north boundary of the Tracts was determined to be a line between the found monument at the north One Quarter Corner of Section 13 and the computed point 50.00 feet northerly of the witness monument near the northeast Corner of Section 13.

The west line of the Tracts was determined to be a line between the found monument at the north One Quarter Corner and the newly monumented south One Quarter Corner of Section 13.

The line along the southeasterly portion of the Tracts is the northerly right of way line of Umatilla County Road 1300. While this road is easily visible on the ground, a correct description of that line is difficult because old right of way documents do not adequately tie the highway to government corners and the location of the actual highway has been changed by reconstruction. The location described in this survey was determined by projecting a line described in Book 150 Page 355 of Umatilla County records onto the record alignment of the old Oregon State Highway. One end of the line is 78 feet north of a point on the section line which is 792 feet westerly of the northeast Corner of Section 13 and on the southerly right of way line of the old highway. The other end of the line is on the same section line 449.8 feet further west and on the southerly right of way line of the highway. The problem with any solution meeting this criteria is that differing rotations of the 'basis of bearing' for the two documents can produce a variety of different results. The resulting computed end points of this line could fit the road better but a final solution is left to ongoing efforts by Umatilla County Officials to legalize the right of way lines of Umatilla County Road 1300.

The monuments set by this survey serve to locate direction of the Section and Center Section lines of Section 13 where they approach the County Road right of way. The locations of the monuments set were laid out using a Geodimeter System 600.



BASIS OF BEARING:

The basis of bearing is the Pendleton Grid with a line from the witness corner for Sections 12 and 13, T2N, R31E and Sections 7 and 18, T2N, R32E bearing N47°51'07"E to the corner of Sections 5, 6, 7, and 8, T2N, R32E, WM.

LINE TABLE:

#	Length	Bearing
L1	157.90	N23°23'47"E
L2	360.40	N39°12'47"E
L3	211.80	N44°33'47"E
L4	323.75	N62°17'47"E
L5	163.15	N62°17'47"E

Distances are from corner to corner

RECORD SURVEYS:

- 1 Survey Q-78-B, John R. Gray, 1955
- 2 Book 1 Page 344, John Kimbrell, 1897
- 3 Survey 90-50-C, Wells, 1990
- 4 Survey 93-54-C, Wells, 1993

REGISTERED
PROFESSIONAL
LAND SURVEYOR

David L. Haddock

OREGON
JULY 12 1968
DAVID L. HADDOCK
852

RENEWS 6-30-99

David L. Haddock, Surveyor and Engineer
P.O. Box 1574 (541) 276-2174
Pendleton, OR. 97801

HADDOCK SURVEYING

GPS
ELECTRONIC TOTAL STATION

SURVEY FOR:

MR. JOHN BUSTARD
P. O. Box 1859
Pendleton, OR 97801
(541) 966-0121

LEGEND:

- Set 5/8" x 24" rebar with 1 1/4" red plastic cap stamped DRLS 0852 and WAL5 13922
- Set 5/8" x 24" rebar with 2 3/8" red plastic cap stamped DRLS 852 and WAL5 13922 HADDOCK SURVEYING
- Found 1/2" rebar
- ⊙ Computed point
- ⊕ Set 1.5" x 30" galvanized iron pipe with 2 3/8" brass cap stamped as described in corner certificate filed with this survey.
- ⊕ Found 1.5" galvanized iron pipe with 2 3/8" brass cap.
- Found 2" iron drive shaft.(survey Q-78-B)

RECEIVED BY

Umatilla County Surveyor:

Date: 6-98

Rec'd By: [Signature]

No. 78-121-B

