

SURVEYOR'S NOTES:

This survey was performed at the request of Eastern Oregon State University for the purpose of setting G.I.S. control for the Hall Ranch / Catherine Creek area. Two Trimble 4000ssi dual frequency receivers were used to locate Point #108 in relation to CBNC station La Grande CBL O PT using two separate static observations. These baselines were processed using Trimble GP survey modules and Orthometric height was computed using the National Geodetic Survey GEOID 96 geoid model.

Positions for the remaining points were obtained using Trimble 4000ssi receivers and Real-time kinematic survey techniques.

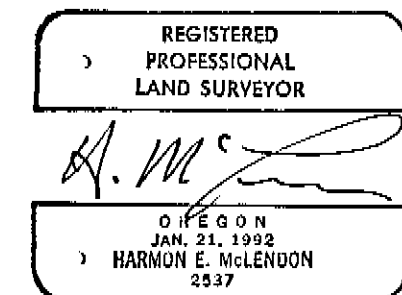
Survey date October 22, 23, 24th, 1997.

Coordinates shown are UTM Zone 11, metric. Elevations are metric NAVD 88.

Δ = Indicates a 5/8" iron rod with 2" aluminum cap stamped as indicated, with "APA", a Carsonite post is set approximately two feet north of each point.

PT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
100	4998484.4332	443421.0881	1001.291	1
102	4998359.6782	443628.8846	1004.986	EX1
103	4998191.1586	443993.9411	1010.351	g1
104	4998278.0147	443855.9612	1008.033	ex2
105	4998293.7399	443735.2677	1006.422	2a
106	4998223.0565	443845.8675	1008.269	g2
107	4998013.9095	444097.7112	1013.682	ex3
108	4997733.2768	444306.2755	1018.558	g3
109	4997565.6718	444500.0003	1023.021	EX4
110	4997359.4688	444669.5383	1026.291	g4
111	4997168.8426	444878.9596	1030.258	G4A
112	4997090.8827	444881.4242	1031.441	EX5

Convergence angle 00°30'07" at Pt # 108.  
Grid scale factor 0.9996381384



renews 12/31/98

SUBMITTED FOR FILING UNDER ORS 209.250 (5)

UNION COUNTY SURVEYOR  
Date Received 11-10-97  
Date Filed 11-11-97  
By P. ROBINSON, Deputy  
File No. 037-1997

**MAP OF SURVEY FOR EASTERN OREGON STATE UNIVERSITY  
SW 1/4 OF SECTION 8, NW 1/4 & NE 1/4 SECTION 17  
TOWNSHIP 5 SOUTH, RANGE 41 EAST, UNION CO., OR.**

SCALE: 1" = 200'	 anderson perry & associates, inc. ENGINEERING • SURVEYING • MATERIALS TESTING LA GRANDE, OR. WALLA WALLA, WA. BAKER CITY, OR.	SHEET <b>1/1</b>
DATE: OCT. 1997		
JOB NO. 2719-60		