

CORNER FILE TRACKING

F:\Survey\Corners\Misc\Filetrac.doc

8/11/97

CORNER NUMBER

144100700

STEP	HISTORY()	RESTORATION()
Form Prepared, DB	9/2/97	—
Field Inspection, DB	—	—
Form Checked, DB	9/2/97	—
Form Edited, DB	"	—
Form Signed, DB	—	—
Authorize Payment, DB	—	—
Archive Digital Files	9/2/97	—
Collect Documents	"	9/2/97
Copy For Filming	"	"
Filmed	8/30/98	8/30/98
Scanned (Archived), DB		
Indexed		
Update Database		
Filed, DB		

(DB) = Entry needed in database (Access).

COMMENTS:

N. W. corner Section 6, Twp. 14 S., R. 4 W. W. M.

2174

Reestablishment by W. C. Galloway

Date 7/12/1922

Corner is 8.055 chains East of a 1" rod which is the S. E. corner of Section 36, Twp. 13 S. R. 5 W. and .374 chains S and W. of a pipe ($\frac{3}{4}$ " on fence line.

Witness W. W. Larsen and Reason Maxfield

PROJECT

RESTORE THE NORTHWEST CORNER OF SECTION 6 IN T 14 S, R 4 W

PROBLEM: If the corner is lost, what is the original G.L.O. distance between the SW corner of Section 31 in T 13 S, R 4 W and the NW corner of Section 6 in T 14 S, R 4 W?

<u>T & R</u>	<u>DATE</u>	<u>SURVEYOR</u>	<u>DOCUMENT</u>	<u>INFORMATION</u>
14-4	9/18/1852	Freeman	N line Section 6 notes	7.65 chs. MC-MC; 68.65 chs. to lt. bank MC; 80.00 chs. to NW cor. Sec. 6; (11.35 chs. MC-NW 6).
14-4		Webster	Sec. 6 meander notes	Courses indicate an E-W diff. between lt. bank MC & NW 6 of 12.33 chs.
13-4	10/1852	Hyde	W line Section 31 notes	Intersects S bndry. 8.11 chs. W of Std. Cor.
13-4	2/8/1853	Freeman	S line Section 31 notes	7.65 chs. MC-MC; 60.65 chs. to lt. bank MC; 72.00 chs. to NW cor. Sec. 6 in 14-4 (11.35 chs. MC-NW 6); 80.50 chs. to SW cor. Sec. 31 (19.85 chs. MC-SW 31); 8.50 chs. NW 6-SW 31).
13-4	2/16/1853	Freeman	Sec. 31 meander notes	Inconclusive

Post-It™ brand fax transmittal memo 7671 # of pages ▶ 2

To	From
Co. BLM	CURT LIESENFELT
Dept. CADASTRAL SURVEY	Co. BENTON COUNTY
Fax # 1-503-952-6190	Phone # 541-757-6821
	Fax # 541-757-6891

14-4	3/18/1853		Plat	12.35 chs. MC-NW 6. Acreage comes closest to 11.35 chs. N line Sec. 6 = 81.50 chs. River crossing = 8.15 chs.
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13-5	3/18/1853		Plat	8.11 chs. NW 6 in 14-4 to SW 31 in 13-4.
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13-4	5/5/1853		Plat	River crossing is 8.15 chs.; 20.35 chs. lt. bank MC to SW 31; 8.50 chs. NW 6 in 14-4 to SW 31 in 13-4 (11.85 chs. lt. bank MC to NW 6 14-4; S line Sec. 31 = 81.50 chs.).
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14-5	5/5/1853		Plat	Same as 13-5 Plat.
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Please respond to :

Curt Liesenfelt
Benton County Public Works
360 SW Avery Ave.
Corvallis, Or. 97333-1192
Phone (541) 757-6821
Fax (541) 757-6891

9/20/96

Curt Liesenfelt
Benton Co. Survey office

I went through the numbers, plots & notes to see if I could answer your question on 145-4W, N. bdy., & then gave to Dan Berry for his opinion.

If BLM was doing this survey, we would use 8.11 chs. as distance between NW cor. sec. 6 & SW cor. sec. 31, 135-4W. Two reasons for doing this: Freeman's survey of S. bdy. of 135-5W has a difference of 8.11 chs. between standard corners & his corners for 135-5W. The other reason is, in the original notes (copy attached) it looks like 80.11 was originally written & later someone changed to 80.50. Different inks were used (colors) & you can't tell where part of the "1" was erased, with "5" over the top & the second "1" was made into a "0".

I know this may not be the "official" answer you want, but the best we can do, - only guess on where the plat distances came from whether or not

Mike Gardner
BLM

244

44

Formosus 13 S. W. 4 W.

40. 40	Set trap 10 in dia base S 12 W, 100 ft	North
53, 43	A do. 9. do. do S 10 E. 160 ft	"
60. 65	Set trap at water edge, offset S. 200 ft. 300 ft. set trap. from hole in line on left bank. flag base S. 48 1/2 E. dip 5-22. Also Over river & at meander point from which	12, 00
69. 44	A B. of Island 24 in dia base N. 60 W. 15 ft	40, 00
72. 00	A do. 18 do. do. S. 60 W. 12 ft	
80, 50	Base to 11 feet perpendicular, from N. 31 E.	
	A sample 20 in dia	
	To cor. of Ap. 12. S. Rh. 406-7 W.	
	To cor. of Ap. 13. S. S. 12. 3. 4. 4. 500	
	Land on E. half, level 100 ft soil 2' water. Wehly, low in the bottoms timbered with oak. Oak, maple & Bottom of base	

43-

245

Willamette Americum

	Set trap 10 in dia base S 30 E. 98 ft	
	A W. oak 10 do. do. S 36 W. 206. do	
	A M. Pine 15 do. do. N. 7 W. 37 do	
	A W. oak 20 do do N. 17 E. 157 do	
	Land level oak & pine open - in 1/2. Soil 2' water.	
	Do 2 are down between area 290 ft	
	Set trap 10 in dia base S 30 E. 98 ft	

770-447-0710 MARK LUMMECK

1-800-347-9453

770-734-1394

36

31

0.66' N of LN.
275/24.055
748/033.080
588°02'45"E ~ 531.62

N 08°08'04"W ~ 2106.793
N 88°07'08"W ~ 2638.41

275/24.055
748/033.080

275/24.055
748/033.080

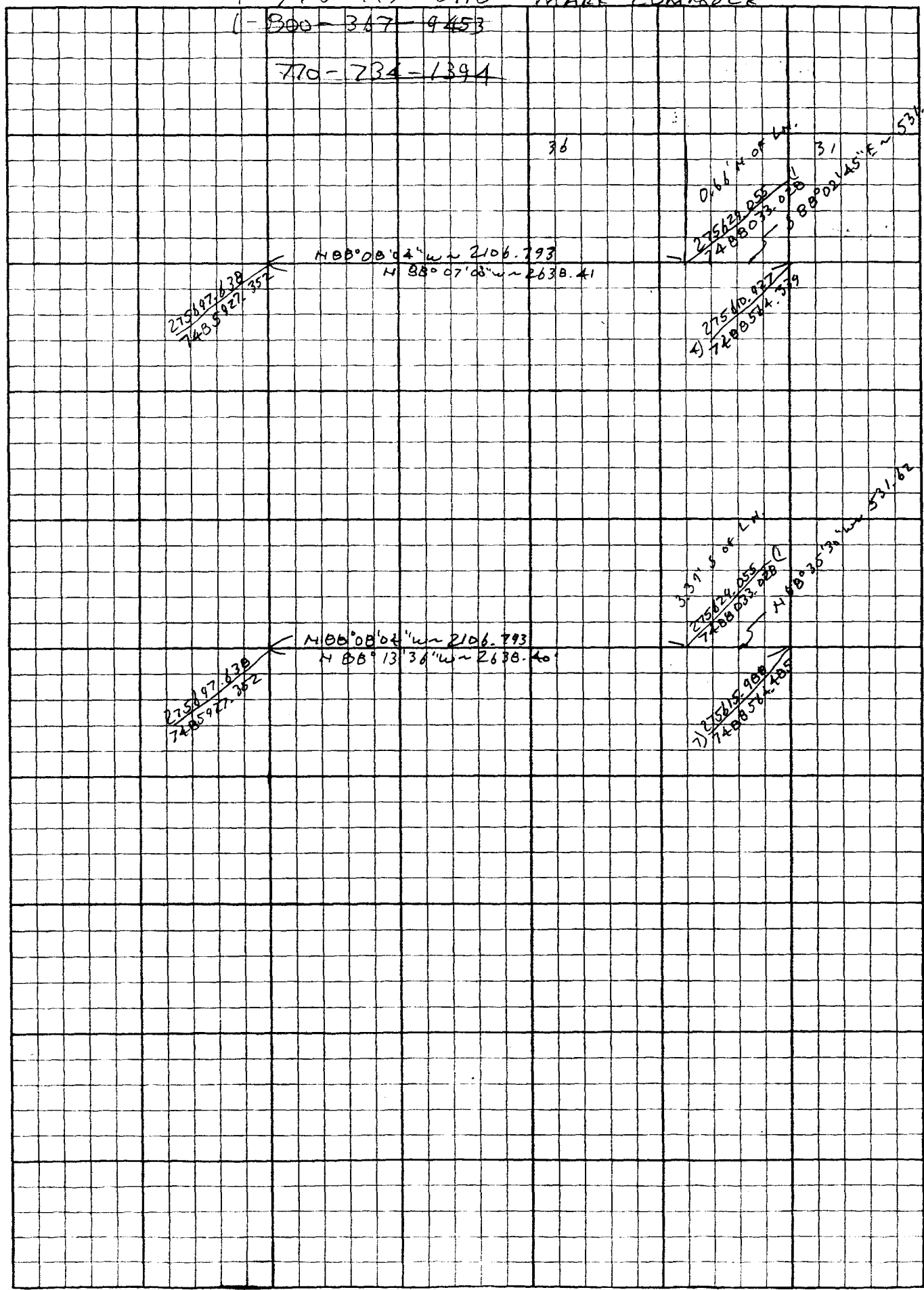
531' S of LN.
275/24.055
748/033.080
N 88°35'30"W ~ 531.62

N 08°08'04"W ~ 2106.793
N 88°13'30"W ~ 2638.40

275/24.055
748/033.080

275/24.055
748/033.080

758-1505



ARC-ARC Intersection

ARC #1 From point: 1 ARC #2 From Point: 6
 Radius: 531.618 = 8.955' Radius: 24.684 = 0.374 CHS
 7 275615.988 7488564.485 ** REC D-D INT FOR NW SEC 6

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COORDINATE SYSTEM TRANSFORMATIONS

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Coord File NWCORS6.CRD :
 Coord System: LAMBERT Spheroid: GRS 1980
 Zone: 99 Description: OREGON NORTH
 Elevation Meth INDIVIDUAL

Point ID	NORTH Latitude Scale Factor	EAST Longitude Combined Factor	ELEV Elevation	Descriptor Convergence
1	275629.055 N 44 23 22.44191 0.99998631	7488033.028 W 123 13 55.53968 0.99997760	252.347	F COE BC SW COR S31 13-4 - 1 56 15.22721
2	275850.203 N 44 23 24.66264 0.99998617	7488147.363 W 123 13 54.06898 0.99997725	256.629	F 5/8"RB & BEN CO RPC - 1 56 14.18421
3	275761.682 N 44 23 23.91550 0.99998622	7488526.404 W 123 13 48.81081 0.99997732	256.286	SET SPIKE - 1 56 10.45519
4	275610.927 N 44 23 22.44032 0.99998631	7488564.339 W 123 13 48.21855 0.99997741	256.286	CALC NW COR S6 IN 14-4 FROM - 1 56 10.03517 HARD COPIES BY PROJECTING LINE TO E FA #1
5	275719.241 N 44 23 23.51974 0.99998624	7488595.639 W 123 13 47.83815 0.99997734	256.286	SET TEMP COPPERWELD - 1 56 09.76539
6	275636.133 N 44 23 22.69390 0.99998630	7488578.749 W 123 13 48.03194 0.99997770	250.000	FND 5/8"IDIP 36" BGS - 1 56 09.90283
7	275615.988 N 44 23 22.49032 0.99998631	7488564.485 W 123 13 48.21889 0.99997741	256.286	REC D-D INT FOR NW SEC 6 - 1 56 10.03541
94326	275424.013 N 44 23 22.35693 0.99998632	7493863.336 W 123 12 35.19891 0.99997697	265.644	NW COR SEC 5 14-4 - 1 55 18.25066
95109	275652.715 N 44 23 22.32113 0.99998632	7486972.673 W 123 14 10.14486 0.99997740	256.811	F 1/2"RB LINN CO RPC - 1 56 25.58500

096% From 1 = 74886 LAT 44° 23' 22.4338" N 44 23 22.4338
 SINGLE PROP NW SE LONG 123° 13' 47.8247" 275609.306 / 7488592.735

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COORDINATE SYSTEM TRANSFORMATIONS

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 Zone: 99 Description: OREGON NORTH
 Elevation MethINDIVIDUAL

Point ID	NORTH Latitude Scale Factor	EAST	ELEV Longitude Combined Factor	Descriptor Convergence
1 (15010014w)	275629.055 N 44 23 22.44191 0.99998631	7488033.028	252.347 W 123 13 55.53968 0.99997760	F COE BC SW COR S31 13-4 - 1 56 15.22721
2 (15010014w)	275850.203 N 44 23 24.66264 0.99998617	7488147.363	256.629 W 123 13 54.06898 0.99997725	F 5/8"RB & BEN CO RPC - 1 56 14.18421

DATE 8/28/1997**TOWNSHIP 14 SOUTH, RANGE 4 WEST, WILLAMETTE MERIDIAN; SECTION 6 CORNER NW**
DONATION LAND CLAIM _____ CORNER _____**COMMON CORNER(S):**

NORTHEAST CORNER OF SECTION 1 IN TOWNSHIP 14 SOUTH, RANGE 5 WEST.

CORNER RECORDS (PREVIOUS RENEWALS, SURVEYS, ETC.)

- [01] ORIGINAL GLO SURVEY BY JAMES FREEMAN, DATED MARCH 18, 1853. SET POST WITH TWO BEARING TREES MEASURED TO THE FACE.
- [02] COUNTY SURVEY NO. 35 BY L. A. DAVIS, DATED SEPTEMBER 18, 1856. NO DESCRIPTION.
- [03] NOTES FOR COUNTY ROAD, OLD NO. 350 BY W. C. GALLOWAY, NO DATE, FIELD BOOK NO. 18, PAGE 79. 3/4" PIPE WITH 2 BEARING TREES. THE NORTHWEST TREE BELONGS TO THE SOUTHWEST CORNER OF SECTION 31 IN TOWNSHIP 13 SOUTH, RANGE 4 WEST, CORNER NO. 134100100.
- [04] MAP NO. 13-5-00017 BY W. C. GALLOWAY, DATED APRIL AND DECEMBER, 1915. 3/4" PIPE, 1 1/4" SHAFT.
- [05] COUNTY SURVEY NO. 834 BY WALTER W. LARSEN, DATED JULY 12, 1922, FIELD BOOK NO. 32, PAGE 22. 3/4" PIPE AND 1 BEARING TREE.
- [06] OLD CORNER RESTORATION BOOK NO. 1, PAGE 162 BY WALTER W. LARSEN, NO DATE. TIES TO 2 MONUMENTS.
- [07] CORNER RESTORATION NO. 2174. THIS IS A TRANSCRIBED COPY OF RECORD [06] AND MAY CONTAIN ERRORS AND OMISSIONS.
- [08] MAP NO. 13-4 & 5- 00005 BY BENTON COUNTY, DATED JULY, 1922. NO DESCRIPTION.
- [09] MAP NO. 14-5-00001 BY BENTON COUNTY, DATED JULY, 1934. 1 1/4" SHAFT.

COMMENTS/LOCATION/ETC:

AT THIS TIME THIS OFFICE IS NOT PREPARED TO RE-MONUMENT OR OTHERWISE IDENTIFY THE POSITION OF THIS CORNER, FOR THE FOLLOWING REASONS:

DISCREPANCIES IN GENERAL LAND OFFICE PLATS AND FIELD NOTES REGARDING THE DISTANCE BETWEEN THIS TOWNSHIP CORNER AND THE ONE APPROXIMATELY 8 CHAINS WEST (SEE THE PROJECT DOCUMENT TITLED "RESTORE THE NORTHWEST CORNER OF SECTION 6 IN TOWNSHIP 14 SOUTH, RANGE 4 WEST" WHICH WAS FAXED TO THE BUREAU OF LAND MANAGEMENT, AND THEIR RESPONSE).

QUESTIONABLE PROCEDURE (REPEATING A DISTANCE MEASURED BETWEEN ORIGINAL CORNERS RECOVERED AT THE NORTHWEST CORNER OF SECTION 1 IN TOWNSHIP 14 SOUTH, RANGE 5 WEST AND THE SOUTHEAST CORNER OF SECTION 35 IN TOWNSHIP 13 SOUTH, RANGE 5 WEST) USED IN RECORD [06] TO RE-ESTABLISH THIS CORNER, IF IT WAS CONSIDERED LOST. THE NORMAL PROCEDURE WOULD BE TO USE SINGLE PROPORTIONATE MEASUREMENT BETWEEN THE NEAREST IDENTIFIED ORIGINAL CORNERS EAST AND WEST.

ON SEPTEMBER 11, 1996 CURT LIESENFELT AND MARK ANDERSON RECOVERED AND TIED A 5/8" INSIDE DIAMETER IRON PIPE (SEE CORNER RESTORATION FIELD BOOK NO. 16, PAGE S 10 AND 51) WHICH MAY BE AN ACCESSORY TO THIS CORNER. SAID PIPE IS WITHIN A FOOT OF WHERE RECORD [03] CALLS FOR A 3/4" PIPE.

THE BENTON COUNTY SURVEYOR'S OFFICE COULD NOT DEVOTE THE RESOURCES NECESSARY TO SEARCH FOR ORIGINAL CORNERS BETWEEN HERE AND THE NORTHWEST CORNER OF SECTION 5 IN TOWNSHIP 14 SOUTH, RANGE 4 WEST, IN LINN COUNTY.