

## NARRATIVE

THIS SURVEY WAS MADE FOR THE PURPOSE OF CORRECTING CERTAIN CORNERS ESTABLISHED AND MONUMENTED ON GRANT COUNTY MAP OF SURVEY NO. 599, IN 1979. GRANT COUNTY MAP OF SURVEY NO. 645 IS ALSO AFFECTED, AND A CORRECTED SURVEY IS FILED CONCURRENTLY WITH THIS MAP OF SURVEY, BY FERGUSON SURVEYING AND ENGINEERING.

IN JUNE THROUGH OCTOBER, 2002, I REVIEWED MAP OF SURVEY NO. 599 AT THE REQUEST OF BOB BAGETT, GRANT COUNTY SURVEYOR. THE REVIEW WAS REQUESTED BECAUSE THE NORTHWEST CORNER OF SECTION 22 WAS REMONUMENTED FROM APPARENT EXISTING EVIDENCE, BY DENNIS GAYLORD, PLS 1636, IN 1999. THIS CORNER WAS NOT RECOVERED ON MAP OF SURVEY NO. 599 AND WAS PROPORTIONED THROUGH IN REESTABLISHING THE NORTHWEST CORNER OF SECTION 23. ON MY FIRST FIELD TRIP TO THE SITE IN JUNE OF 2002, I FOUND A STONE OF RECORD SIZE, LYING LOOSE, ABOUT 4 FEET NORTHWEST OF THE FENCE JACK 100+ FEET EAST OF THE 1979 CORNER MONUMENT FOR THE NORTHWEST CORNER OF SECTION 23. THE STONE WAS MARKED WITH 3 GROOVES ON ONE SIDE AND 2 GROOVES ON ANOTHER SIDE. THIS STONE WAS NOT IN THIS POSITION DURING SURVEY NO. 599, IN 1979, OR IT WOULD HAVE BEEN DISCOVERED IMMEDIATELY. I CONDUCTED FURTHER CORNER SEARCH AND EVALUATION AND CONSULTED WITH DOUG FERGUSON AND DENNIS GAYLORD DURING THE SUMMER AND FALL OF 2002. I EVENTUALLY CONCLUDED NOT TO ACCEPT THE LOOSE STONE OR FENCE JACK EAST OF MONUMENTED 1979 CORNER FOR THE NORTHWEST CORNER OF SECTION 23, BECAUSE OF THE LACK OF DEFINITE EVIDENCE ON THE STONE DENNIS GAYLORD HAD REMONUMENTED, AND THE LARGE DISTANCE DISCREPANCY BETWEEN THE LOOSE STONE/ROCK JACK AND THE NORTH ONE-QUARTER CORNER OF SECTION 23, REMONUMENTED BY DOUG FERGUSON FROM EXISTING EVIDENCE IN 1972.

IN EARLY 2003, DOUG FERGUSON REEVALUATED THE EVIDENCE FOR THE NORTH ONE-QUARTER CORNER OF SECTION 23 AND CONCLUDED THE CORNER SHOULD NOT HOLD. THIS INFLUENCED DOUG FERGUSON AND I TO AGREE THE FENCE JACK NEAR THE LOOSE STONE AT THE NORTHWEST CORNER OF SECTION 23 SHOULD BE ACCEPTED AS THE CORNER, RESULTING IN THE REJECTED CORNERS AND CORNER CHANGES REFLECTED ON THIS MAP OF SURVEY.

THIS SURVEY WAS MADE BY A COMBINATION OF G.P.S. CONTROL TIES AND TOTAL STATION TRAVERSE BETWEEN CONTROLLING CORNERS. CORNERS WHICH WERE REJECTED AND MOVED SHOW ON THE "NOTES TABLE". CORNER REFERENCES DISCLOSED BY R.E. KAN SMITH'S 1914 HOMESTEAD ENTRY SURVEY NOTES, PROVIDED BY DAVE SCHLAICH OF THE UMATILLA NATIONAL FOREST, ARE USED WHEN APPLICABLE. TRIMBLE 5700 GEODETIC G.P.S. RECEIVERS WERE USED FOR G.P.S. CONTROL AND A LEITZ SET 3B, ONE SECOND TOTAL STATION WAS USED FOR TRAVERSING.

## LEGEND

- - SET 3 1/4" ALUMINUM CAP ON 2 1/2" BY 30" ALUMINUM PIPE, SEE ACCOMPANYING CERTIFIED RECORD OF LAND CORNER MONUMENTATION SHEETS FILED WITH THIS MAP OF SURVEY.
- ⊙ - SET 2 1/2" ALUMINUM CAP ON 2 1/2" BY 30" ALUMINUM PIPE, SEE ACCOMPANYING CERTIFIED RECORD OF LAND CORNER MONUMENTATION SHEETS FILED WITH THIS MAP OF SURVEY.
- ⊙ - FOUND 3" ALUMINUM CAP ON 2 1/2" ALUMINUM PIPE, SET ON GRANT COUNTY MAP OF SURVEY NO. 1707. SEE CERTIFIED RECORD OF LAND CORNER MONUMENTATION SHEETS FILED WITH SAID SURVEY.
- ⊙ - FOUND 3" BRASS CAP ON 2 1/2" GALVANIZED IRON PIPE, SET ON GRANT COUNTY MAP OF SURVEY NO. 599.
- ⊙ - FOUND 2 1/2" BRASS CAP ON 1 1/4" GALVANIZED IRON PIPE, BY PLS 1636, CERTIFIED RECORD OF LAND CORNER MONUMENTATION FORM FILED IN OFFICE OF THE GRANT COUNTY SURVEYOR, NUMBER 8S 31E N-13.
- - OTHER MONUMENT FOUND AS NOTED.
- (XOX) - RECORD DIMENSION FROM ORIGINAL GLO SURVEY BY F.W. CAMPBELL UNDER CONTRACT NO. 380 DATED MARCH 19, 1881.
- (XOX)R1 - RECORD DIMENSION FROM GRANT COUNTY MAP OF SURVEY NO. 599.
- (XOX) HES - RECORD DIMENSION FROM HOMESTEAD ENTRY SURVEY IN SECTION 14, BY R.E. KAN SMITH, FOREST RANGER, MARCH 3 TO 12, 1914. NOTE: LAND IN SECTION 14 WAS PATENTED BY ALIQUOT PARTS RATHER THAN THIS HOMESTEAD ENTRY SURVEY. FIELD NOTES OF THIS HOMESTEAD ENTRY SURVEY WERE FURNISHED BY THE UMATILLA NATIONAL FOREST.
- PVT. - INDICATES PRIVATE OWNERSHIP.
- U.S.F.S. - INDICATES NATIONAL FOREST SYSTEM LANDS.
- +++++ - INDICATES LINES "POSTED" TO USDA FOREST SERVICE STANDARDS WITH STEEL FENCE POSTS WITH SIGN 54-2, "NATIONAL FOREST BOUNDARY" ATTACHED.
- Ⓐ - INDICATES NOTE, SEE "NOTES TABLE".
- - - - - INDICATES PERTINENT FENCE LINE.

REGISTERED  
PROFESSIONAL  
LAND SURVEYOR

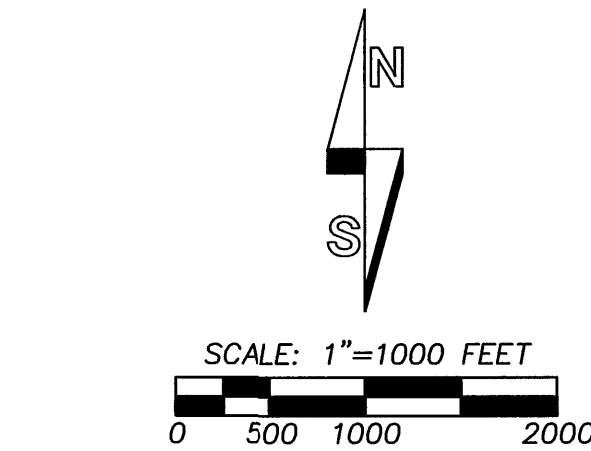
*Will. R. Wells*

OREGON  
JULY 22, 1977  
WILLIAM R. WELLS  
1106

RENEWS 6/30/06

## MAP OF SURVEY

LOCATED IN SECTIONS 14, 15, 22, 23, 26, 27, 34 AND 35,  
TOWNSHIP 8 SOUTH, RANGE 31 EAST, W.M.,  
GRANT COUNTY, OREGON.



"BASIS OF BEARINGS": BEARINGS ARE TRUE NORTH, BASED ON G.P.S. GEODETIC OBSERVATION TAKEN 210 FEET WEST OF THE SOUTHWEST CORNER OF SECTION 23.

## NOTES TABLE:

- Ⓐ - THE REJECTED 1979 MONUMENT FROM MAP OF SURVEY NO. 599 BEARS S 71°15' W, 35.4' FROM NEW MONUMENT.
- Ⓑ - THE REJECTED 1979 MONUMENT FROM MAP OF SURVEY NO. 599 BEARS S 78°53' W, 107.8' FROM NEW MONUMENT.
- Ⓒ - THE REJECTED 1972 MONUMENT, FROM RECORD 8S 31 N-19, BEARS S 83°10' W, 122.3' FROM NEW MONUMENT.
- Ⓓ - THE REJECTED 1979 MONUMENT FROM MAP OF SURVEY NO. 599 BEARS S 83°07' W, 61.0' FROM NEW MONUMENT.
- Ⓔ - THE REJECTED 1979 MONUMENT FROM MAP OF SURVEY NO. 599 BEARS S 82°43' W, 45.9' FROM NEW MONUMENT.
- Ⓕ - THE REJECTED 1979 MONUMENT FROM MAP OF SURVEY NO. 599 BEARS S 71°22' W, 52.1' FROM NEW MONUMENT.
- Ⓖ - THE REJECTED 1979 MONUMENT FROM MAP OF SURVEY NO. 599 BEARS S 81°52' W, 59.9' FROM NEW MONUMENT.
- Ⓗ - THE REJECTED 1979 MONUMENT FROM MAP OF SURVEY NO. 599 BEARS S 25°21' E, 14.2' FROM NEW MONUMENT.
- Ⓘ - THE REJECTED 1979 MONUMENT FROM MAP OF SURVEY NO. 599 BEARS S 28°31' E, 6.2' FROM NEW MONUMENT.

## HISTORY OF SURVEYS

TOWNSHIP 8 SOUTH, RANGE 31 EAST, W.M., WAS ORIGINALLY SUBDIVIDED BY F.W. CAMPBELL, U.S. DEPUTY SURVEYOR, UNDER CONTRACT NO. 380, DATED MARCH 19, 1881.

IN 1914, THE WEST AND SOUTH LINES OF SECTION 14 WERE RETRACED BY R.E. KAN SMITH, FOREST RANGER, AS PART OF A HOMESTEAD ENTRY SURVEY IN SECTION 14. DURING THAT SURVEY, RANGER SMITH RECOVERED THE NORTHWEST CORNER, WEST ONE-QUARTER CORNER, SOUTHWEST CORNER AND SOUTHEAST CORNER OF SECTION 14.

IN 1972, THE SOUTHEAST CORNER OF SECTION 23 AND THE NORTH 1/4 CORNER OF SECTION 23 WERE REMONUMENTED BY PLS 848, FROM EXISTING EVIDENCE.

IN 1974, THE NORTHWEST CORNER OF SECTION 14 WAS REMONUMENTED FROM EXISTING EVIDENCE BY PLS 699.

IN 1979, CERTAIN CORNERS WERE REESTABLISHED AND MONUMENTED AND SECTION 23 WAS SUBDIVIDED BY PLS 1106, AS SHOWN ON GRANT COUNTY MAP OF SURVEY NO. 599.

IN 1980, SECTION 14 WAS SUBDIVIDED, MONUMENTED AND POSTED BY PLS 848, AS SHOWN ON GRANT COUNTY MAP OF SURVEY NO. 645.

IN 1999, THE EAST HALF OF THE SOUTH LINE OF SECTION 23 WAS "POSTED" BY PLS 2308, AND THE SOUTHEAST CORNER AND SOUTH ONE-QUARTER CORNERS OF SECTION 23 WERE MAINTAINED AND NEW CERTIFIED RECORD OF LAND CORNER MONUMENTATION FORMS WERE RECORDED. SEE GRANT COUNTY MAP OF SURVEY NO. 1535.

IN 1999, PLS 1636 FILES CERTIFIED RECORD OF LAND CORNER MONUMENTATION FOR MONUMENTATION OF THE NORTHWEST CORNER OF SECTION 15. THIS CORNER WAS NOT FOUND AND WAS PROPORTIONED THROUGH DURING GRANT COUNTY SURVEY NO. 599, IN 1979.

THIS IS A REFERENCE MONUMENT SET  
N 00°12'07" E, 2.91' FROM CORNER  
POSITION.

CORNER SEARCHED,  
NOT FOUND.

CORNER SEARCHED,  
NOT FOUND.

FOUND 2 1/2" BRASS CAP ON 2" GALVANIZED IRON  
PIPE BY PLS 699, CERTIFIED RECORD OF LAND CORNER  
MONUMENTATION FORM FILED IN THE OFFICE OF THE  
GRANT COUNTY SURVEYOR, NUMBER 8S 31E J-17.

REESTABLISHED 2 LINKS, (1.3') EAST OF  
INTERSECTION OF ANCIENT FENCE REMAINS  
EXTENDING WEST AND NORTH, PER HES FIELD  
NOTES BY R.E. KAN SMITH, FOREST RANGER, 1914.

FOUND STONE/  
FENCE JACK.

PVT.  
NW1/4

PVT.  
SW1/4

U.S.F.S.  
SE1/4

FOUND 3" BRASS CAP ON 2 1/2" GALVANIZED IRON  
PIPE BY PLS 848, CERTIFIED RECORD OF LAND CORNER  
MONUMENTATION FORM FILED IN THE OFFICE OF THE  
GRANT COUNTY SURVEYOR, NUMBER 8S 31E R-21.

RECEIVED AND  
FILED

*Aug 10 2004*  
OFFICE OF COUNTY SURVEYOR  
*Robert L. Rogers*  
Attest: *Gordon J. St. John*

WILLIAM R. WELLS, PLS  
2602 N.E. RIVERSIDE PLACE  
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PENDLETON, OR 97801  
PHONE: (541) 276-6362

DATE: 10/2003 DR. BY: DMT  
CK. BY: WRW NO: 03-859

PROJECT: \REHDERMAP

SURVEY FOR:  
BILL REHDER

LOCATED IN SECTIONS 14, 15, 22, 23,  
26, 27, 34 AND 35,  
TOWNSHIP 8 SOUTH, RANGE 31 EAST, W.M.,  
GRANT COUNTY, OREGON.