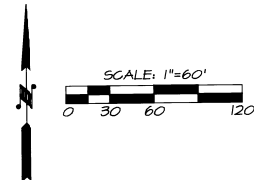


REFERENCE MAPS:

1. Plat of Mission Tracts, by W.E.O. Criger, July, 1948.
2. Field notes for various tract surveys in the NW 1/4 of Section 10, by W.E.O. Criger, between 1948 and 1958. (No filing numbers).
3. Survey for William Schuening, by Stan Mallulis, February, 1958, Map No. G-494-Ax.
4. Survey for R.P. Graves, by Hayes and Harris, November, 1958, Map No. G-481-Ax.
5. Survey for William Friedly, by R.P. Thompson, October, 1971, Map No. H 48-Ax.
6. Survey for Umatilla Reservation Housing Authority, by Mallulis and Assoc., Inc., in August, 1982, Map No. 82-60-B.
7. Mission Highway Survey, by White Shield, Inc., in May 1984, Map No. 84-48-10.



NARRATIVE OF SURVEY

THE PURPOSE OF THIS SURVEY WAS TO LOCATE THE BOUNDARIES OF THE CTUIR TRACT AS DESCRIBED IN REEL 215, PAGE 1506, DEED RECORDS AND THE EAST BOUNDARY OF THE VAN DORN TRACT DESCRIBED IN BOOK 314, PAGE 105, DEED RECORDS.

A THOROUGH SEARCH WAS MADE FOR MONUMENTATION ALONG THE EAST LINE OF THE MISSION TRACTS, AND ALONG THE PERIMETERS OF THE CTUIR AND VAN DORN TRACTS.

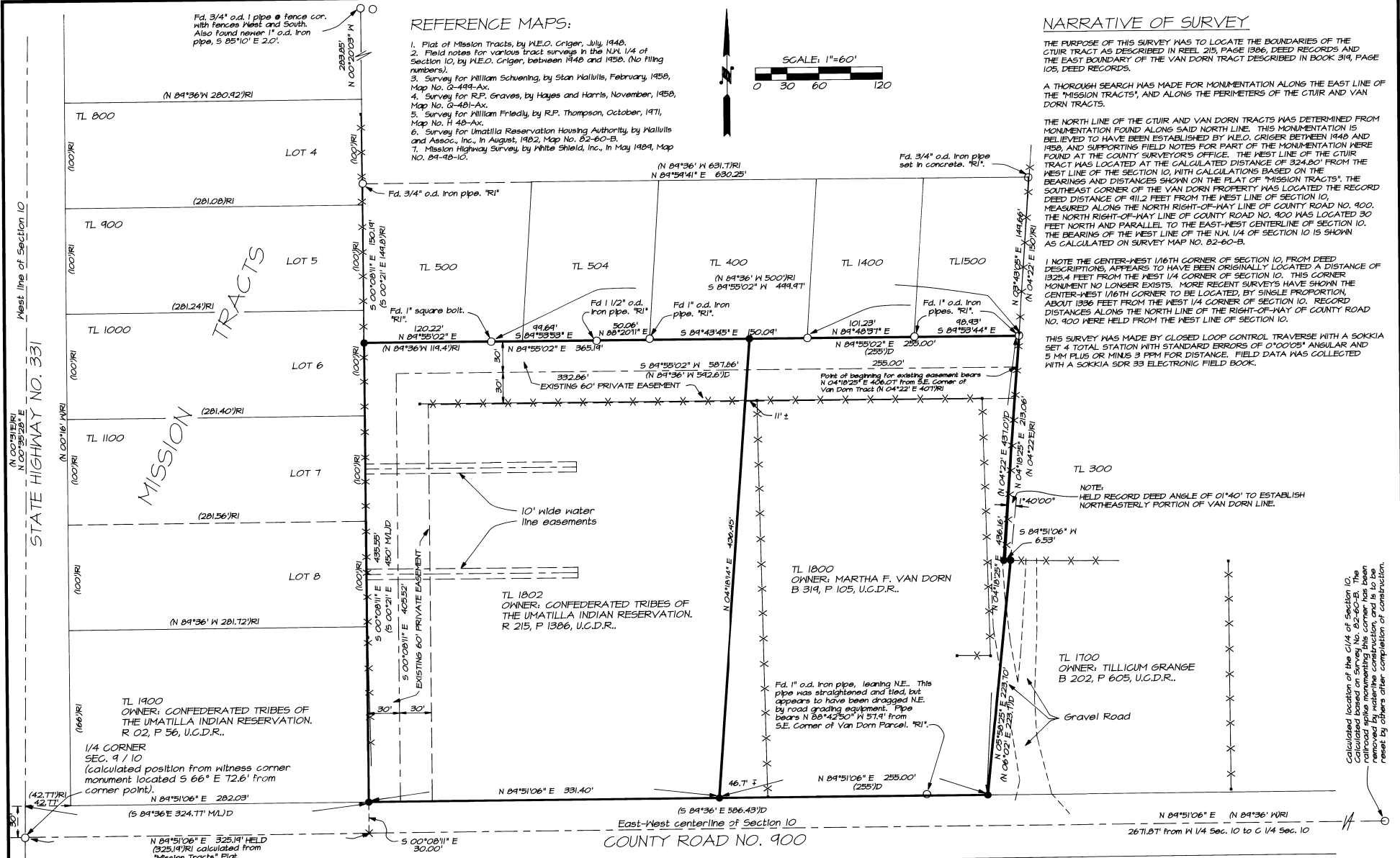
THE NORTH LINE OF THE CTUIR AND VAN DORN TRACTS WAS DETERMINED FROM MONUMENTATION FOUND ALONG SAID NORTH LINE. THIS MONUMENTATION IS BELIEVED TO HAVE BEEN ESTABLISHED BY W.E.O. CRIGER BETWEEN 1948 AND 1958, AND SUPPORTING FIELD NOTES FOR PART OF THE MONUMENTATION WERE FOUND AT THE COUNTY SURVEYOR'S OFFICE. THE WEST LINE OF THE CTUIR TRACT WAS LOCATED AT THE CALCULATED DISTANCE OF 324.80' FROM THE WEST LINE OF THE SECTION 10, WITH CALCULATIONS BASED ON THE BEARINGS AND DISTANCES SHOWN ON THE PLAT OF "MISSION TRACTS". THE SOUTHEAST CORNER OF THE VAN DORN PROPERTY WAS LOCATED THE RECORD DEED DISTANCE OF 912 FEET FROM THE WEST LINE OF SECTION 10, MEASURED ALONG THE NORTH RIGHT-OF-WAY LINE OF COUNTY ROAD NO. 900. THE NORTH RIGHT-OF-WAY LINE OF COUNTY ROAD NO. 900 WAS LOCATED 30 FEET NORTH AND PARALLEL TO THE EAST-WEST CENTERLINE OF SECTION 10. THE BEARINGS OF THE WEST LINE OF THE NW 1/4 OF SECTION 10 IS SHOWN AS CALCULATED ON SURVEY MAP NO. 82-60-B.

I NOTE THE CENTER-WEST 1/16TH CORNER OF SECTION 10, FROM DEED DESCRIPTIONS, APPEARS TO HAVE BEEN ORIGINALLY LOCATED A DISTANCE OF 1325.4 FEET FROM THE WEST 1/4 CORNER OF SECTION 10. THIS CORNER MONUMENT NO LONGER EXISTS. MORE RECENT SURVEYS HAVE SHOWN THE CENTER-WEST 1/16TH CORNER TO BE LOCATED, BY SINGLE PROPORTION, ABOUT 1336 FEET FROM THE WEST 1/4 CORNER OF SECTION 10. RECORD DISTANCES ALONG THE NORTH LINE OF THE RIGHT-OF-WAY OF COUNTY ROAD NO. 900 WERE HELD FROM THE WEST LINE OF SECTION 10.

THIS SURVEY WAS MADE BY CLOSED LOOP CONTROL TRAVERSE WITH A SOKKIA SET 4 TOTAL STATION WITH STANDARD ERRORS OF 0.00008" ANGULAR AND 5 MM PLUS OR MINUS 3 PPM FOR DISTANCE. FIELD DATA WAS COLLECTED WITH A SOKKIA SDR 93 ELECTRONIC FIELD BOOK.

NOTE: HELD RECORD DEED ANGLE OF 01°40' TO ESTABLISH NORTHEASTERLY PORTION OF VAN DORN LINE.

Calculated location of the 1/16th corner of Section 10. Calculated based on Survey No. 82-60-B. The monumentation shown on this map was removed by waterline construction and is to be reset by others after completion of construction.



LEGEND

- - MONUMENT FOUND AS NOTED, BELIEVED TO BE FROM W.E.O. CRIGER SURVEY'S FOR MISSION TRACTS AND OTHER PROPERTIES IN AREA. SEE NARRATIVE.
- - SET 5/8" X 30" IRON PIN WITH 1/2" YELLOW PLASTIC CAP MARKED "W.R. WELLS PLS 1106".
- (XOX) D - DEED RECORD DIMENSION.
- X - FENCES.
- TL XOX - TAX LOT NUMBERS, MAP NO. 2N-33-10BC. CURRENT AS OF 2/20/93.
- U.C.D.R. - UMATILLA COUNTY DEED RECORDS.
- (OXO) RI OR "RI" - RECORD DIMENSIONS OR MONUMENTS BELIEVED TO HAVE BEEN ESTABLISHED BY W.E.O. CRIGER. SEE NARRATIVE.

REGISTERED PROFESSIONAL LAND SURVEYOR

William R. Wells

OREGON
JULY 22, 1977
WILLIAM R. WELLS
1106
EXPIRES 12/31/94

WILLIAM R. WELLS, PLS
357 N.E. HWY. 11
P.O. BOX 1696
PENDLETON, OR 97801
PHONE: (503) 276-6362

DATE: 2/20/93 DR. BY: WRW
CK. BY: WRW NO: 93-164

PROJECT:
SURVEY FOR:
CTUIR

LOCATED IN THE NW 1/4 OF SECTION 10, T2N, R33E, W1M. UMATILLA COUNTY, OREGON.