RECORD OF SURVEY Calculated location of the C ¼ of Section 10, calculated based on Survey No. 82-60-B. The railroad spike monumenting this position Fd. 21/2" brass cap on 2" q.l.p. witness corner has been removed by waterline construction, Fd. 2" alum. cap in monument box. Fd. 2" alum. cap in monument box. bearing 5 66° E 110 lks (12.60') from and is to be re-set after road construction corner point. (L.E. Wilkes monument, 1917). (N 89°48' E 40.52 CH)R2 (N 89°48' E 40.21 CH)R2 tie line N 89°59'55" F 2638.30' N 89°51'06" E N 89°57'16" E 1325.00' N 89°57'16" E 1325.00' Fd. 21/2" brass cap on N 89°51'06" E 1335.93' 667.97' 667.97' ,Fd. 215" brass cap on 14" g.l.p. from Wilkes A witness corner monument for this corner / 14" q.I.p. from Wilkes exists. Monument was not tied on this survey. \$ 89°53'54" E 172.74' SECTION SCALE: 1"=600' (EAST 2.619 CH/R2 617.81 667.12' LOT I Fd. 21/2" brass cap or S 89°45'28" W 14" g.i.p. from Wilkes 666.91' *300 600* 165.48 Survey in 1917. Cemetery Allotment T 2021 Allotment T 2019 172.70' N 89°57'58" W 616.16' 5 89°57'58" E Allotment N 89°57'58" N BASIS OF BEARINGS: GEODETIC, BASED ON TIES TO No. I TUM 160 A STATION "MISSION" AND IT'S AZIMUTH MARK. 165.48 N 89°57'58" W 1325.08' 16 N 89°57'58" W 1325.15' N 89°53'05" F 1588.36" Fd. 21/2" brass cap o Cemeteru 14" a.i.p. from Wilkes 5 89°39'49" W 1332.48' Fd. 21/2" brass cap on LEGEND N 89°39'49" E Survey in 1917. -Fd. 2 1/2" brass cap on 2" Iron pipe -Cor. 3 14" g.l.p. from Wilkes No. 2 Fd. bent 2" Iron pipe from-Cemetery from C.E. Redfield Survey. N 82°10' W 2.583 CHVR2 C.E. Redfield Survey. Set -see detail on 5 00°17'41"W 70.21' 5/8"X 30" Iron pln W/ 1 15" - FOUND 2 1/2" BRASS CAP ON 2" IRON PIPE FROM yellow plastic cap marked "W. R. Wells, PLS 1106". from corner point. this Map. C.E. REDFIELD SURVEYS BETWEEN 1918 AND 1920. Allotment T 2021 - FOUND MONUMENT AS NOTED. LOT 10 Allotment TWW 484 A RIC SN4SN4 - SET 2 1/2" BRASS CAP ON 1 1/4" GALV. IRON PIPE SE4SW4 T 2019 Allotment (N 82°10' W 3.187 CHIR2 SEE CORNER RECORD FILED SEPARATELY. Fd. 2 1/3" brass cap on - SET 5/8" BY 30" IRON PIN WITH 1 1/2" YELLOW 2" g.i.p. from L.E. Wilkes CEMETERY DETAIL PLASTIC CAP MARKED "W.R. WELLS, PLS 1106". -Survey in 1917. (24.00 CH)R3 N 89°50'42" W 1325,29' N 89°50'42" W 1325.29' 5 89°32'39" W FOUND 5/8" IRON PINS ON EAST RIGHT-OF-WAY SCALE: I" = 100' N 89°25'59" E 1329.05' LINE OF STATE HIGHWAY. (NOT SHOWN ON HWY. MAPS). N 89°25'59" E 1329.05' (N 89°55' W 40.16 CH)R2 - Fd. and accepted fence jack as corner point. C.E. Redfield's brass capped iron pipe witness (XOX)RI - RECORD FROM GLO SURVEYS BY CURRIN (5 89°35' W 40.07CH)R2 Re-established from record calculated tie from -AND NOLAND IN 1887. Calculated position and set monument based on Cemetery No. 2, Corner 2, based on L.E. Wilkes corner was found lying on top of fence jack. Set 5/8" by 30" Iron pin with I 1/2" yellow plastic cap marked "W.R. Wells, PLS 1106". Survey of 1917. <Re-established by holding Milkes' State Plané co-ordinate shown on State Highway RE-ESTABLISHMENT NOTES FOR CEMETERY CORNERS: record angle and distance from Cor. 2, with backsight (XOX)R2 - RECORD FROM GLO SURVEY BY L.E. WILKES IN 1917. Map No. 8B-14-2. Initial point for calculation was the position of the 1/4 corner common to Secs. 9 (XOX)R3 - RECORD FROM U.S. INDIAN SERVICE ALLOTMENT SURVEYS # IÓ (state plane value also reported on State Highway Map). Re-establishment bearings were based on State Highway right-of-way monuments found paralleling the State Highway centerline. BY C.E. REDFIELD BETWEEN 1917 AND 1920. HELD CORNERS I, 2 AND 3 AS FOUND. USING WILKES' RECORD ANGLES AND DISTANCES, RE-ESTABLISHED CORNER 4 BY LEAST SQUARES METHOD. (XOX) - RECORD FROM APPLICABLE SURVEY RECORDED IN THE Since corner point falls in the highway, set a witness corner monument N 89°25'59" E 54.00' COUNTY SURVEYOR'S OFFICE. CEMETERY NO. 2: - FENCES, NOTE: ALL FENCES ARE NOT SHOWN. from corner point. HELD CORNERS NO. 1 AND 2 AS FOUND. HELD WILKES' RECORD ANGLES TO RECOMPUTE BEARINGS INDEXED TO OUR SURVEY. ADJUSTED WILKES INDEXED BEARINGS AND RECORD DISTANCES FROM N 89°46'30" E CORNER NO. 2, THROUGH CORNERS NO. 3 AND NO. 4, AND BACK TO CORNER I, BY LEAST SQUARES 1326.94' Re-established corner by single proportion measurement, per Redfield Survey. Note: the Redfield Survey notes 265.82' Allotment the existing East-West fenceline and clearly shows the position of the 1/4 corner located South of the fence. Remeasure distances from the Section corner to the North indicate the fence to be in the same position as at the time of the Redfield Survey. Since corner point falls in the highway, set a witness corner monument N 89°38'53" E 42.50' from corner SNIANNIA Fd. 2 15" brass cap on 2" Iron pipe (bent). Replaced with 5/8" by 30" iron pin with l ½" yellow plastic cáp marked ' ,— was established by C.E. Redfield. -Fd. 5/8" Iron pin, origin unknown. 5 89°57'59" E 2652.07' N 89°38'53" E \2660.65' to 1/4 Cor. 5 89°59'41" E Survey No. 92-16-B. 1327.79 2617.36' to r-o-w line. 266.43'.-Re-established by single proportion — SECTION SECTION SECTION 16 Fd. 5/8" iron pin with 1 1/2" plastic cap marked "W.R. Wells, PLS 1106". NARRATIVE OF SURVEY "Hagvewood P.U.D." plat, by PLS 1106, NW45W4 Waterline easement documentation THE PURPOSE OF THIS SURVEY, MADE AT THE REQUEST OF THE CONFEDERATED TRIBES OF THE was not found for this area, see UMATILLA INDIAN RESERVATION, WAS TO PARTIALLY SUBDIVIDE AND MONUMENT PORTIONS OF Allotment TC 36 SECTIONS 10, II, 14 AND 15, T2N., R33E., W.M. ALLOTMENTS TC 36, T 2019, T 2096, T 2021, TUM 160 A AND TWW 484 A ARE SHOWN ON THIS SURVEY PLAT. 1328.66 A THOROUGH SEARCH WAS MADE FOR ALL CORNERS CONTROLLING THE SURVEY BOUNDARIES. EXTENSIVE FARMING AND ROAD BUILDING IN THE PROJECT AREA HAS OBLITERATED MANY OF THE CORNERS N 89°58'22" E 2652.82' ESTABLISHED BY L.E. WILKES IN 1917 AND C.E. REDFIELD BETWEEN 1918 AND 1920. CORNERS (24.05 CH)R3 RECOVERED, ACCEPTED AND RE-ESTABLISHED ARE SHOWN ON THIS PLAT. Fd. bent 2" iron pipe from C.E. Redfield Survey and replaced with 5/8" by 30" iron pin with 1 ½" yellow plastic cap marked "W.R. Wells, PLS 1106". IN 1917, L.E. WILKES, U.S. CADASTRAL SURVEYOR, SUBDIVIDED SECTION 10, AND MONUMENTED THE Approximate location of Pendleton -BOUNDARIES OF TWO CEMETERIES IN THE S.E. I/4 OF THE SECTION, WILKES SUBDIVIDED SECTION City water line (30' wide easement) IO IN THE MANNER NOW PRESCRIBED IN THE BLM "MANUAL OF INSTRUCTIONS" AND DID NOT FOLLOW (See Narrative). THE "THREE MILE RULE" NORMALLY USED FOR ALLOTMENT SURVEYS. MY SURVEY THEREFORE SUBDIVIDED THE S.E. AND S.W QUARTERS OF SECTION 10, FOLLOWING THE DIRECTIONS OF THE 1973 BLM "MANUAL OF INSTRUCTIONS". SECTIONS 14 AND 15 WERE ORIGINALLY SUBDIVIDED BY THE "THREE MILE RULE" BY CURRIN AND NOLAND IN 1887. C.E. REDFIELD, U.S. INDIAN SERVICE SURVEYOR, SUBDIVIDED SECTIONS 14 AND Calculated location of Sec. Cor. Re-established by single proportion 15, USING MODIFIED FORMS OF THE "THREE MILE RULE" BETWEEN 1917 AND 1920. MY RETRACEMENT -Survey No. 92-16-B. AND SUBDIVISION SURVEY FOLLOWS THE METHODS USED BY C.E. REDFIELD IN SUBDIVIDING SECTIONS N 89°12'51" W 5315.97' (89°53' W 40.10 CH)RI 1329.53 14 AND 15. PORTIONS OF REDFIELD'S FIELD NOTES WERE FOUND IN THE BIA REALTY SECTION 2615.90' to r-o-w line. VAULT AT THE UMATILLA AGENCY. REDFIELD'S RECORD FOR THE SURVEY OF THE SOUTH LINE OF N 89°56'15" E 2659.06' N 89°56'15" E 1063.63 (80.18 CH)R3 N 89°53'14" E 2658.40' N 89°56'15" E N 89°53'14" E 2658.40' to Sec. Cor. (40.11 CH)R3 SECTION IS IS MISSING, OR THE LINE WAS NOT RUN BY REDFIELD. CURRIN AND NOLAND'S 1887 (89°53' W 40.10 CH)RI (24.065 CH)R3 (16.045 CH)R3 RECORD WAS THEREFORE USED TO CONTROL PROPORTIONING ALONG THE SOUTH LINE OF SECTION 15 Re-established by double proportion — Re-established corner by proportionate measure -Re-established by single proportion Fd. 2 15" brass cap on 2" Iron pipe -East to West, holding the location of the found witness corner monument bearing 5/8" smooth pin for latitute. Since corner point 5 45° E 42.43' from corner THE PENDLETON CITY WATER SUPPLY LINE CROSSES PORTIONS OF THE SURVEY SITE, THIS LINE falls in the highway, set a witness corner monument N 89°53'14" E 41.00' from corner point. point. This monument established APPARENTLY CANNOT BE LOCATED WITHOUT DIGGING IT UP (NON-METALLIC). THE LOCATION SHOWN by C.E. Redfleld. ON THIS PLAT IS APPROXIMATE, SHOWN FROM AS-BUILT DRAWINGS AND CIRCUIT COURT CONDEMNATION EXHIBITS. RECORD EASEMENT DOCUMENTATION WAS NOT FOUND FOR PORTIONS OF THE WATER SUPPLY LINE CROSSING THE NI/2 SEI/4 OF SECTION IS AND THE NVI/4 SWI/4 OF SECTION 14. SECTION 23 METHODS OF RE-ESTABLISHING LOST CORNERS ARE INDICATED ON THIS PLAT DRAWING. Fd. 5/8" iron pin with 1 1/2" yellow plastic —cap marked "W.R. Wells, PLS 1106". THIS SURVEY WAS MADE BY CLOSED LOOP CONTROL TRAVERSE WITH A LIETZ SET 3-B AUTOMATIC TOTAL STATION WITH STANDARD ERRORS OF O°OO'O3" ANGULAR AND 5MM, PLUS OR MINUS 3 PARTS PER MILLION TIMES DISTANCE. FIELD DATA WAS COLLECTED USING A LIETZ SDR 22 ELECTRONIC FIELD BOOK. SECTION 2. Carable through become $(x_1, \dots, x_n) = \max_{i \in \mathcal{I}_n} \left\{ x_i \in \mathcal{I}_n \mid x_i \in \mathcal{I}_n \right\}$ — Fd. "p.k. nail at 4 way road intersection, orlgin unknown. \ACADI2\DWG\INTPROP WILLIAM R. WELLS, PLS PROJECT: **PROFESSIONAL** 357 N.E. HMY. 11 LAND SURVEYOR CONFEDERATED TRIBES OF THE P.O. BOX 1696 Fd. 2" iron pipe with top bent and no cap. UMATILLA INDIAN RESERVATION --- Fd. "pk" nall, Survey No. 0-31-B. Replaced with 5/6" by 30" Iron pin with PENDLETON, OR 97801 1 ½" yellow plastic cap marked "W.R. Wells PL5 1106". This monument is a witness INTERPRETIVE CENTER PHONE: (503) 276-6362 BOUNDARY corner, 30.00' East of the position for the-OREGON N 1/16th corner common to Secs. 26 \$ 27. JULY 22, 1977 DATE: 3/5/93 DR. BY: WEQ Pipe monument was established by C.E. Redfield. WILLIAM R. WELLS SECTIONS 10, 11, 14 \$ 15 T2N., R33E., W.M. CK. BY: NO: EXPIRES 12/31/94 UMATILLA COUNTY, OREGON