RECORD OF SURVEY

SECTIONS 25 THROUGH 28 AND SECTIONS 33 THROUGH 36 T2N., R32E., W.M., UMATILLA COUNTY, OREGON.

SECTION 24 SECTION 23 SECTION 21 SECTION 22 5 89°33'33" E 2627.63' 5 89°51'41" E 2634.57' S 89°51'41" E 2634.58' N 89°56'95" E 2630.71' S 89°18'13" E 2621.07' N 84°28'00" E 2645.64' 5 89°95'18" E 2660.13' N 89°56'35" E 2630.04' (N89°50'35"W 2634.68') (N89°50'35"W 2634.68') (589°57'41"W 2630.08') (N89°34'10"W 2660.50') (N89°32'25"W 2627.71') (N89°17'06"W 2621.14") (589°29'07"W 2645.77') (500°20'M 13.00CH)R3 NI/I6TH SEC.30 ~ SCALE: 1"=1000 0 500 1000 WI/4 COR SECTION 25 SECTION 28 SECTION 27 SECTION 26 SECTION 30 SECTION 29 SEC.30 \ RE-ESTABLISHED EAST 1/4 CORNER OF -FD. AND ACCEPTED FENCE INTERSECTION SECTION 25. WILKES WITNESS CORNER 1855 UMATILLA INDIAN FENCES EAST-WEST MONUMENT WAS DETERMINED TO BE OUT RESERVATION BOUNDARY AND NORTH. OF POSITION AND DISTURBED BY BLM SEE NOTE (3) IN THEIR 1988-1989 SURVEY, DISTURBED SI/I6TH WILKES WITNESS CORNER MONUMENT BEARS SEC.30 -N 15°58' W 19.4' FROM TRUE CORNER FD. 12" X 10" X 8" STONE LOOSE AT FENCE INTERSECTION. FD. BOLT USED ON PREVIOUS RECORD SURVEYS. FENCES NORTH-SOUTH AND EAST. SEC.30 -S 89°56'23" E 2624.16' S 89°55'29" E 2637.20' 1/4 5 89°53'47" E 2645.79' 1/4 5 89°56'55" E 2635.70' S 89°58'25" E 2624.15' 5 84°56'23" E 2624.16 5 89°29'39" E 2636.05' 5 89°53'47" E 2645.13' S 89°55'29" E | 2637.21' "M" (589°54'W 39.75CH)R2 (EAST 39.75CH)R3 (N89°49'W 40.00CH)R3 (EAST 39.75CH)RS (N89°43'W 40.19CH)R3 (NB9°49'W 40.00CH)R3 (N89°43'W 40.12CH)R3 (N89°39'W 40.00CH)R3 <2695.76 >R-98-C <589°28'56"E 2635.99'>R-98-C (39.67CH) CS#66 FD. 2 1/2" BRASS CAP ON FD. 2 I/2" BRASS CAP ON S25 FOUND WILKES WITNESS CORNER -G.I.P., SURVEY NO. R-98-C. TO. BENT G.I.P., SURVEY NO. R-98-C. WILKES MONUMENTED TRUE CORNER POINT. B.C. M.C. NORTH I/I6 SEC. 31, FD. BENT WILKES WITNESS CORNER MONUMENT 30.03' EAST OF CORNER POINT. SET 5/8" X 30" IRON PIN WITH I 1/2" YELLOW PLASTIC CAP MARKED "OR PLS 1106-WA PLS 17372". FD. 2 1/2" BRASS CAP ON G.I.P., SURVEY NO. R-98-C. SECTION 36 SECTION 33 SECTION 34 SECTION 31 SECTION 32 777777777777777777701/4 BOUNDARY OF MCKAY NATIONAL WILDLIFE REFUGE CORNER POINT FALLS ON CULVERT, SET RAILROAD SPIKE MARKED LINE MONUMENT. FD. 9" BRASS DISK SET "1106" AT CORNER POINT, AND IN CONCRETE. SURVEY NO. H-251-B. SET WITNESS CORNER, A 2 1/2" BRASS CAP ON 1 1/4" GALV. IRON PIPE, N 00°00'00" E, 34.00' FROM CORNER POINT. -FD. 18" X 12" X 5" STONE MARKED "1/4" FD. 2 1/2" BRASS CAP ON LINE MONUMENT. FD. 3" BRASS DISK AT FENCE INTERSECTION -FD. 3" BRASS CAP ON - G.I.P., SURVEY NO. R-79-A. SET IN CONCRETE. SURVEY NO. H-251-B. 🔍 - G.I.P., SURVEY NO. H-251-B. 1980.70' T2N., R33E. T2N., R32E. N 89°59'24" E 2617.63' N 89°52'08" E _ 5 **89°49'34"** E . | 5957.91' -N 89°41'21" W 2654.39' 5 89°59'14" E 2641.64' N 89°59'23" E 2617.69' S 89°41'18" E 2634.39' 5 89°41'18" E 2654.29' (589°50'W 40.00CH)R3 TIN., R33E (589°50'W 39.70CH)R3 (N89°58'W 40.00CH)RS (589°55'E 40.00CH)RI (NB9°58'W 39.70CH)R3 1/4 \ "M" (N89° 54'W 39.70CH)R3 (589°55'E 40.00CH)RI (N 89°45'W 2648.96'H-254-B. 1/4 CORNER NOT - SECTION CORNER NOT RE-ESTABLISHED RE-ESTABLISHED FOUND 9" CAPPED PIPE. ~ SEE NOTE (I) FOUND AND ACCEPTED -SEE NOTE (2) . SECTION 6 SURVEY NO. 1-41-B. FENCE INTERSECTION. FENCES NORTH-SOUTH AND WEST. MCKAY NATIONAL-MILDLIFE REFUGE HISTORY OF SURVEYS NARRATIVE OF SURVEY LEGEND SURVEYS IN THE TOWNSHIP BEGAN IN 1860 WITH THE SURVEY OF THE THE PURPOSE OF THIS SURVEY WAS TO RECOVER, RE-ESTABLISH, REMONUMENT TOWNSHIP EXTERIORS. IN 1864, DANIEL CHAPLIN SUBDIVIDED THE ENTIRE () MAPS RECORDED FOR THE MCKAY NATIONAL WILDLIFE REFUGE BOUNDARY DO OR MAINTAIN CERTAIN SECTION, I/4 SECTION OR OTHER CONTROLLING CORNERS IN TOWNSHIP. IN 1811, Z.F. MOODY ESTABLISHED THE BOUNDARIES OF THE SECTIONS THROUGH 28 AND SECTIONS 33 THROUGH 36 OF TOWNSHIP 2 NORTH, RANGE 32 EAST, NOT SHOW ADEQUATE INFORMATION TO DEFINATELY CALCULATE THE SOUTH 1/4 - PUBLIC LAND SURVEY MONUMENT OF RECORD ON SURVEY NO. 93-054-C. SEE RECORDED MAP UMATILLA RESERVATION. MOODY'S SURVEY WAS MADE INDEPENDENTLY, WITHOUT OR S.E. CORNER OF SECTION 34. BOTH OF THESE CORNERS FALL IN THE M.M., THE SURVEY WORK WAS AUTHORIZED BY UMATILLA COUNTY BOARD OF COMMISSIONERS RECOVERY OF CORNERS ESTABLISHED BY DANIEL CHAPLIN. IN 1887 AND MCKAY POOL. SOME CORNERS OF THE REFUGE BOUNDARY ARE CORNERS ON AND FUNDED BY THE PUBLIC LAND CORNER MONUMENTATION FUND. 1890, CURRIN AND NOLAND DEPENDENTLY RESURVEYED THE RESERVATION ALIQUOT PARTS OF SECTION 34, INDICATING SECTION 34 WAS SUBDIVIDED - RE-ESTABLISHED CORNER AND REMONUMENTED WITH A 2 1/2" BRASS CAP ON A 1 1/4" x 30" BOUNDARY AND SECTIONS WITHIN THE RESERVATION. CURRIN AND NOLAND FOR THE REFUGE SURVEY. IT APPEARS FROM THE REFUGE SURVEY MAPS THE INFORMATION RECORDED IN THE COUNTY SURVEYOR'S OFFICE FOR THIS GALVANIZED IRON PIPE, UNLESS OTHERWISE NOTED. SEE CORNER RECORD FILED SEPARATELY. RECOVERED AND REMONUMENTED MANY OF MOODY'S CORNERS. CURRIN AND PROJECT INCLUDE THIS RECORD OF SURVEY AND LAND CORNER RECORDS FOR S.E. CORNER OF SECTION 34 WOULD BE CALCULATED BY PROJECTING THE NOLAND ALSO SURVEYED THE DIMINISHED RESERVATION BOUNDARY. IN 1917, SECTION LINE SOUTHERLY FROM THE EAST 1/4 OF SECTION 34, THROUGH THE CORNERS REMONUMENTED OR MAINTAINED TO CURRENT STANDARDS. - FOUND CORNER MONUMENT AS NOTED, MAINTAINED CORNER. LE. WILKES RESURVEYED THE MEST LINE OF THE DIMINISHED RESERVATION LINE MONUMENT, A RECORD DISTANCE OF 490 FEET. THE S.E. CORNER OF BOUNDARY. SINCE 1917, SEVERAL RECORDED SURVEYS HAVE BEEN MADE THIS PROJECT WAS CONTROLLED BY GLOBAL POSITIONING SYSTEM SECTION 34 AND THE SOUTH 1/4 CORNER OF SECTION 34 COULD ALSO BE - FOUND CORNER MONUMENT AND REMONUMENTED WITH A 2 1/2" BRASS CAP ON A 1/4" G.I.P., SEE AFFECTING PUBLIC LAND CORNERS AND APPLICABLE SURVEY RECORDS OBSERVATIONS AROUND THE PERIMETER OF THE PROJECT. THE GPS CALCULATED BY SINGLE PROPORTION MEASUREMENT ALONG THE TOWNSHIP CORNER RECORD FILED SEPARATELY. ARE NOTED ON THIS MAP. LINE, POSITIONS FOR THE CENTER 1/4 CORNERS OF SECTION 34 AND 35 OBSERVATIONS WERE REDUCED TO THE NORTH AMERICAN DATUM OF 1983, HOLDING STATIONS PENDAIR AND SPARKS AS FIXED STATIONS. LATITUDE ARE SHOWN ON THE REFUGE MAPS. "TIE LINE" INFORMATION BETWEEN - THE LETTER "M" BESIDE A CORNER MONUMENT SYMBOL INDICATES THE CORNER MONUMENT WAS LAND CORNER RECORD FORMS: AND LONGITUDE OF CONTROL STATIONS WERE REDUCED TO STATE PLANE CO-CORNERS EAST, WEST AND NORTH OF THE S.E. CORNER AND SOUTH 1/4 MAINTAINED DURING THIS SURVEY. SEE CORNER RECORED FILED SEPARATELY. CORNER OF SECTION 34 ARE SHOWN ON THIS PLAT. ORDINATES, THEN ROTATED TO GEODETIC NORTH AT STATION "COMMUNITY THE LAND CORNER RECORD FORMS, FILED SEPARATELY, CONTAIN HOSPITAL" (THETA = 1°12'12"). STATION "COMMUNITY HOSPITAL" IS - FOUND A 2 1/2" BRASS CAP ON A 2" G.I.P. FROM GLO SURVEY BY L.E. WILKES IN 1917. EXPLANATIONS, HISTORIES AND METHODS OF RE-ESTABLISHMENT, 2 I HAVE RETRACED THE WILKES 1917 SURVEY FOR 5 MILES ALONG THE RANGE PART OF THE CITY OF PENDLETON CONTROL NET AND IS LOCATED IN THE REMONUMENTATION AND MAINTENANCE FOR CORNERS VISITED ON THIS LINE BETWEEN TOWNSHIPS 2 NORTH, RANGES 32 AND 33 EAST, W.M., AND - FOUND 9" BLM BRASS CAP ON 2 1/2" STAINLESS STEEL PIPE FROM 1988-1989 SURVEY OF SECTION 30, N.E. 1/4 OF SECTION 15, T2N., R32E., W.M.. THE BASIS OF BEARINGS SURVEY. THE LAND CORNER RECORDS SHOULD BE CONSULTED FOR SPECIFIC HAVE FOUND WILKES MONUMENT LOCATIONS TO BE RELIABLE AND NORMALLY FOR THIS SURVEY IS THEN "GEODETIC NORTH AT STATION COMMUNITY T2N., R93E., W.M., INFORMATION ON EACH CORNER. HOSPITAL". ROTATED STATE PLANE COORDINATES WERE THEN PROJECTED TO VERY CLOSE TO RECORD POSITION. THE TOWNSHIP CORNER AT THE SOUTHEAST CORNER OF SECTION 36 IS 20 FEET SOUTH AND IO FEET EAST OF AN AVERAGE ELEVATION DATUM OF 1850 MSL, AND DISTANCES ON THIS - INDICATES GALVANIZED IRON PIPE. SURVEY MAP ARE REPORTED ON THAT DATUM. WHERE WILKES RECORD MEASUREMENTS WOULD HAVE PLACED IT. ALTHOUGH THIS MAGNITUDE OF ERROR IS UNUSUAL FOR WILKES, THE TOWNSHIP CORNER - RECORD FROM SURVEY NO. 43-054-C. CONTROL TRAVERSE SEGMENTS BETWEEN GPS CONTROL POINTS WERE MEASURED IS MONUMENTED AND WITNESSED, AND HAS BEEN USED ON ALL RECENT RECORD WITH A SET 3B AUTOMATIC TOTAL STATION, AND ADJUSTED BY LEAST SURVEYS. I ACCEPT ACCEPT THE MONUMENTED LOCATION OF THIS TOWNSHIP . RECORD FROM GLO SURVEY BY DAVID THOMPSON, UNDER CONTRACT NO. 106, DATED AUGUST 16, 1864. CORNER BUT IN RE-ESTABLISHING THE SOUTH 1/4 CORNER OF SECTION 36, SQUARES METHODS TO CLOSE ON GPS CONTROL POINTS. C94PEND I USE THE CURRIN AND NOLAND RECORD FOR PROPORTIONING, RATHER THAN RECORD FROM 6LO CONTRACT NO. 107. DANIEL CHAPLIN, DATED SEPTEMBER 21, 1864. GPS CONTROL WAS MEASURED WITH 8 ASHTECH P-12 DUAL FREQUENCY INCLUDING THE "TIE" DISTANCE OF 40.18 CHAINS REPORTED BY WILKES WILLIAM R. WELLS, PLS PROJECT: RECEIVERS. OBSERVED DATA WAS PROCESSED AND ADJUSTED WITH ASHTECH BETWEEN THE SOUTH 1/4 CORNER OF SECTION 36 AND THE TOWNSHIP CORNER. **PROFESSIONAL** RECORD FROM GLO SPECIAL CONTRACT DATED MAY 4, 1887, BY CURRIN AND NOLAND. PRISM SOFTWARE. USING THE CURRIN AND NOLAND RECORD SUPPORTS EARLIER SURVEY R-79-A, 357 N.E. HMY. 11 LAND SURVEYOR PUBLIC LAND CORNER WHERE THE SOUTHWEST CORNER OF SECTION 36 WAS RE-ESTABLISHED USING P.O. BOX 1696 REMONUMENTATION THE CURRIN AND NOLAND RECORD. - RECORD FROM SURVEY BY L.E. WILKES, GLO SURVEYOR, IN 1917. 1'M' 2 K. Will. PENDLETON, OR 97801 (3) THE CURRIN AND NOLAND SURVEY RECORD REPORTS CLOSING CORNER MONUMENTS - RECORD FROM BLM SURVEY IN 1988 & 1989, FOR SECTION 30, T2N., R33E., W.M. ESTABLISHED ON THE INTERSECTION OF SECTION LINES AND THE 1855 UMATILLA COUNTY PHONE:(503) 276-6362 UMATILLA RESERVATION BOUNDARY. WITH THE EXCEPTION OF THE CLOSING - OTHER RECORD SURVEY DIMENSIONS - RECORD INDICATED. OREGON CORNER BETWEEN SECS. 28 AND 29, NONE OF THESE CLOSING CORNERS JULY 22, 1977 SECTIONS 25 THROUGH 28, DATE: 6/13/94 DR. BY: DMT

WILLIAM R. WELLS

CK. BY: WRW

NO: 94-217

SECTIONS 33 THROUGH 36, T2N., R32E., W.M.

WERE RECOVERED.