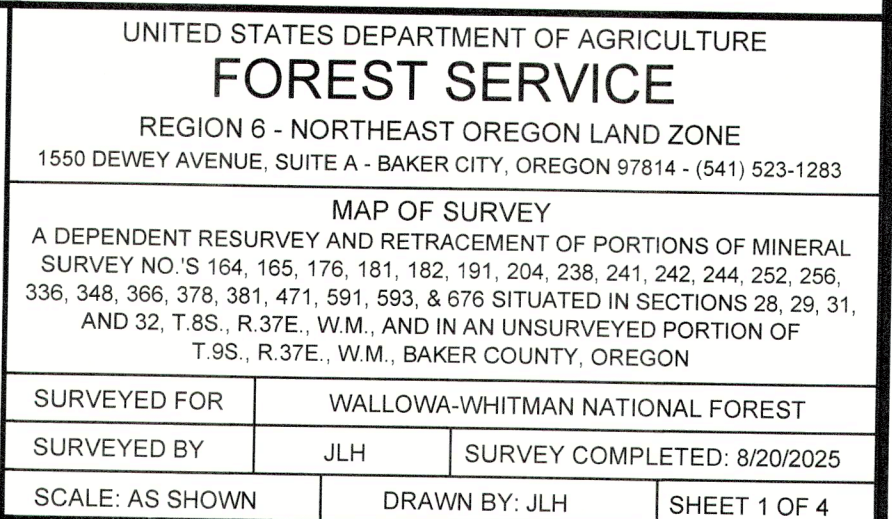




NARRATIVE

THIS SURVEY WAS PERFORMED FOR THE WALLOWA-WHITMAN NATIONAL FOREST, WITH THE PURPOSE OF DELINEATING CERTAIN BOUNDARIES BETWEEN PRIVATE LAND AND NATIONAL FOREST SYSTEM LAND. A SEARCH WAS MADE OF THE AVAILABLE RECORDS PERTAINING TO THIS SURVEY. SEE REFERENCES FOR A DETAILED LIST OF RELEVANT SURVEYS.

RESEARCH OF THE GENERAL LAND OFFICE SURVEY RECORDS DISCLOSED THAT EMIL F. VOIGT, U.S. DEPUTY MINERAL SURVEYOR, PERFORMED MANY OF THE MINERAL SURVEYS IN THE BOURNE AREA FROM 1888 TO 1892. SUBSEQUENT RETRACEMENT SURVEYS OF VOIGT'S WORK HAVE REVEALED GROSS DISCREPANCIES IN HIS RECORD MEASUREMENTS. ONE SUCH EXAMPLE IS A RETRACEMENT OF MINERAL SURVEY 191 BY U.S. DEPUTY MINERAL SURVEYORS ARTHUR PHILBRICK AND PORTER MCGEE IN 1895, IN WHICH THEY REPORTED FINDING SOME OF VOIGT'S MONUMENTS SEVERAL HUNDRED FEET OUT OF POSITION, WITH ANGULAR DISPARITIES OF AS MUCH AS 47 DEGREES. FURTHER EXAMPLES OF THIS EGREGIOUSNESS CAN BE SEEN BY THE RESULTS OF THE EXTENSIVE RETRACEMENT WORK DONE BY CADASTRAL ENGINEER LINCOLN E. WILKES BETWEEN 1924 AND 1925. ALTHOUGH VOIGT'S MEASUREMENTS LEAVE MUCH TO BE DESIRED, AT LEAST HIS MONUMENTS AND ACCESSORIES SEEM TO HAVE BEEN WELL-MARKED AND ACCURATELY DOCUMENTED. SURVEY RETRACEMENTS OF VOIGT'S WORK OFTEN TIMES DISCLOSE THAT THE SIZE AND SHAPE OF THESE MINING CLAIMS ON THE GROUND BEAR LITTLE TO NO RESEMBLANCE OF WHAT IS DEPICTED ON VOIGT'S MINERAL SURVEY MAPS FILED IN THE OFFICIAL RECORD.

MANY OF THE MINERAL SURVEY CORNERS IN THE AREA WERE PERPETUATED BY JOHN R. MITCHELL, AN UNLICENSED SURVEY TECHNICIAN FOR THE U.S. FOREST SERVICE. MITCHELL WAS REGARDED AS A HIGHLY SKILLED CORNER SEARCHER, RECOVERING ORIGINAL EVIDENCE AT HUNDREDS OF MINERAL CLAIM CORNERS IN THE BOURNE AREA. IN 1980 AND 1981, HE EXECUTED A LARGE-SCALE REMONUMENTATION EFFORT, PERPETUATING CORNERS USING STANDARD BRASS-CAPPED SURVEY MONUMENTS AND SCRIBING NEW BEARING TREE ACCESSORIES. IT'S UNCLEAR WHETHER HE PERFORMED THIS WORK AS AN EMPLOYEE OF THE FOREST SERVICE OR AS A PRIVATE INDIVIDUAL. HE WAS NOT LICENSED TO PRACTICE SURVEYING, AND AS SUCH HIS REMONUMENTATION WORK WAS NOT RECORDED IN THE COUNTY SURVEYOR'S RECORDS AS REQUIRED BY LAW. HE DID, HOWEVER, DOCUMENT HIS WORK ON FOREST SERVICE CORNER CARDS, WHICH PROVIDE IMPORTANT DETAILS REGARDING THE EVIDENCE HE FOUND AND THE REMONUMENTATION WORK HE PERFORMED.

I MADE FIELD MEASUREMENTS TO LOCATE REMAINING EVIDENCE OF THE APPURTENANT CONTROLLING MINERAL SURVEY CORNERS. I RECOVERED MANY OF MITCHELL'S UNRECORDED MONUMENTS DURING THE COURSE OF THIS SURVEY, MOST OF WHICH I WAS ABLE TO AUTHENTICATE EITHER BY THE PRESENCE OF ORIGINAL BEARING TREE EVIDENCE STILL IN EXISTENCE, OR BY THE HARMONIOUS RELATIONSHIP TO OTHER FOUND ACCEPTED CORNERS, AS SHOWN HEREON. I CHOSE NOT TO REPLACE MITCHELL'S MONUMENTS WITH STANDARD ALUMINUM FOREST SERVICE MONUMENTS SINCE HIS MONUMENTS ARE OF DURABLE QUALITY, ARE READILY IDENTIFIABLE, AND HAVE BEEN IN EXISTENCE FOR OVER 40 YEARS. I DID HOWEVER, MAINTAIN EACH FOUND MITCHELL CORNER THAT I ACCEPTED, AND ADDED NEW ACCESSORIES AS NEEDED. I HAVE ALSO PREPARED CORNER MONUMENTATION FORMS TO BE FILED IN CONJUNCTION WITH THIS PLAT, SO THAT THESE MONUMENTS AND ACCESSORIES ARE HEREAFTER A MATTER OF PUBLIC RECORD.

EVIDENCE FOUND AND EVALUATED DURING THE COURSE OF THIS SURVEY AT THE FOLLOWING CORNERS WARRANTS ADDITIONAL DISCUSSION:

SOUTHERLY-CENTER-END CYCLONE QUARTZ CLAIM, MS 366, IDENTICAL WITH THE EAST-CENTER-END OHIO QUARTZ CLAIM, MS SURVEY 381
ON THE USFS CORNER CARD, MITCHELL CLAIMS TO HAVE FOUND A ROTTING POST WITH SCRIBING IN A MOUND OF STONE AND EARTH, AND ALSO THE ORIGINAL BEARING TREE S.50°W, 2 FT. FROM IT. HOWEVER, ACCORDING TO THE FIELD NOTES FOR MINERAL SURVEY 366, THE BEARING FROM THE CORNER TO THE BEARING TREE SHOULD BE N.50°E, NOT S.50°W. I TIED MITCHELL'S BRASS CAP AND THE ORIGINAL BEARING TREE, WHICH IS NOW A 26" DIAMETER STUMP, 2 FT. TALL, (SAWN LOG TO MILL). I SEARCHED FOR BUT DID NOT FIND A BLAZE OR SCRIBING ON EITHER SIDE OF THE STUMP, WHICH WOULD HELP CLEAR UP THE QUESTION OF WHETHER MITCHELL MONUMENTED THE ORIGINAL CORNER POINT AND THERE WAS A TYPO IN THE NOTES FROM MS 366, OR IF HE INADVERTENTLY MEASURED THE REVERSE BEARING FROM THE TREE AND SET IT ERRONEOUSLY. WHEN A STRAIGHT LINE IS STRUCK BETWEEN CORNERS 2 AND 3 OF CYCLONE, THE LINE FALLS ON THE SOUTHWEST SIDE OF THE BEARING TREE, A DISTANCE OF 2.3 FT. AT THE CLOSEST POINT, INDICATING THAT PERHAPS MITCHELL'S POSITION IS IN ERROR. HOWEVER, RESOLVING THIS QUESTION WAS BEYOND THE SCOPE OF THIS SURVEY, AS THE CORNER FALLS ON PRIVATE LAND, AND WAS TIED AS CORROBORATIVE EVIDENCE ONLY. THEREFORE, I DID NOT UTILIZE MITCHELL'S MONUMENT FOR THIS SURVEY. I HAVE PROVIDED THIS DISCUSSION OF MY FINDINGS FOR THE RECORD.

CORNER #2 WILLAMETTE PLACER CLAIM, MS 191
I FOUND AN UNRECORDED 1½" DIAMETER IRON PIPE WITH ATTACHED 3" DIAMETER IRON PLUMBING CAP. LINCOLN WILKES, CADASTRAL ENGINEER FOR THE GENERAL LAND OFFICE, FOUND AND ACCEPTED SIMILAR MONUMENTATION AT OTHER MINERAL SURVEY CORNERS IN THE AREA DURING HIS 1925 RETRACEMENT. I FOUND NO TRACE OF THE ORIGINAL BEARING TREES, WHICH WERE POSSIBLY DESTROYED BY ROAD CONSTRUCTION. THE FOUND PIPE IS HARMONIOUSLY RELATED TO OTHER FOUND MINERAL SURVEY CORNERS IN THE AREA AND IS ACCEPTED AS THE BEST AVAILABLE EVIDENCE OF THE ORIGINAL CORNER.

SOUTH-END-CENTER SIDE ISSUE QUARTZ CLAIM, MS 676
I FOUND THE ORIGINAL BEARING TREE, WHICH IS A 32" DBH DOUGLAS-FIR SNAG, 6 FT. TALL (BROKEN OFF) WITH PARTIALLY HEALED BLAZE AND FRAGMENTARY SCRIBING. I SEARCHED FOR, BUT FOUND NO REMAINS OF THE ORIGINAL WOOD POST OR MOUND OF STONE AT THE CORNER. I ACCEPTED THE FOUND BEARING TREE AS SUFFICIENT ACCESSORY EVIDENCE, AND POSITION THE CORNER AT RECORD BEARING AND DISTANCE FROM MS 676. I DID NOT MONUMENT THE CORNER, AS IT WAS LOCATED TO CORROBORATE THE LOCATIONS OF OTHER FOUND CORNERS IN THE AREA. A CALCULATED POSITION IS SHOWN HEREON.

THE FOLLOWING CORNERS WERE REESTABLISHED DURING THE COURSE OF THIS SURVEY:

CORNER #3 RAGING ROLAND QUARTZ CLAIM, MS 242
THE CORNER FALLS ON THE CUT BANK OF A SKID TRAIL. MITCHELL'S BRASS CAP MONUMENT WAS FOUND MANGLED AND BURIED IN THE ROAD FILL ABOUT 40 FEET FROM THE CORNER. NEITHER ONE OF MITCHELL'S BEARING TREES COULD BE POSITIVELY IDENTIFIED, AS THEY BOTH FALL IN THE FILL SLOPE OF THE SKID TRAIL. I DID, HOWEVER, FIND THE ORIGINAL BEARING TREE IN THE SOUTHWEST QUADRANT, WHICH I ACCEPT AS SUFFICIENT ACCESSORY EVIDENCE OF THE CORNER. I REESTABLISHED THE CORNER AT RECORD BEARING AND DISTANCE FROM THE BEARING TREE, WHICH PLACES THE CORNER IN A POSITION WHICH IS HARMONIOUSLY RELATED TO OTHER FOUND ACCEPTED CORNERS IN THE AREA.

CORNER #3 EXCELSIOR QUARTZ CLAIM, MS 165, IDENTICAL WITH CORNER #4 NORTH POLE QUARTZ CLAIM, MS 181, ALSO IDENTICAL WITH CORNER #5 RAGING ROLAND, MS 242
AFTER A DILIGENT SEARCH, I FOUND NO REMAINING EVIDENCE OF THE ORIGINAL CORNER. THE CORNER REMAINS IN AN AREA SHOWING SIGNS OF SIGNIFICANT GROUND DISTURBANCE FROM PAST EARTH WORK. I DECLARE THIS CORNER LOST AND REESTABLISH ITS POSITION BY USING THE GRANT BOUNDARY ADJUSTMENT METHOD, AS DESCRIBED IN SECTION 7-54 OF THE 2009 B.L.M. MANUAL OF SURVEYING INSTRUCTIONS, UTILIZING CORNER #1 AND #3 OF THE NORTH POLE CLAIM FOR THE ADJUSTMENT.

CORNER #5 CENTRAL PLACER CLAIM, MS 256, IDENTICAL WITH CORNER #3 SIDE ISSUE QUARTZ CLAIM, MS 676
I FOUND THE BRASS CAP MONUMENT AND BEARING TREES ESTABLISHED BY MITCHELL, ALONG WITH THE REMAINS OF AN ORIGINAL BEARING TREE. THE BEARING AND DISTANCE FROM MITCHELL'S MONUMENT TO THE ORIGINAL BEARING TREE DOES NOT MATCH THE RECORD FROM MS 256 OR MS 676. AFTER MAKING SURVEY MEASUREMENTS FROM OTHER FOUND ACCEPTED MINERAL CORNERS, AND UPON FURTHER INVESTIGATION ON THE SEARCH AREA, IT BECAME EVIDENT THAT MITCHELL'S MONUMENTED POSITION WAS IN ERROR. I DISCOVERED THAT THE ORIGINAL BEARING TREE MITCHELL FOUND WAS ACTUALLY THE SOUTHEAST BEARING TREE FROM MINERAL SURVEY 676. BY MEASURING THE CORRECT RECORD BEARING AND DISTANCE FROM THE BT, I FOUND THE REMAINS OF THE ORIGINAL CORNER, WHICH CONSISTED OF A 3 FT. DIAMETER MOUND OF EMBEDDED STONE. I ALSO FOUND THE REMAINS OF THE SECOND BEARING TREE FROM MS 676. FURTHER CORROBORATING THE CORNER POSITION, I ACCEPTED THE POSITION OF THE FOUND MOUND OF STONE FOR THE ORIGINAL CORNER, BEING HARMONIOUSLY RELATED TO THE FOUND BEARING TREE REMAINS. TO THE SOUTH-END-CENTER OF SIDE ISSUE CLAIM, MS 676, AND TO CORNER #3 OF RAGING ROLAND, MS 242, AS FOR THE POINT MONUMENTED BY MITCHELL IN 1980, IT SEEMS HE MAY HAVE EITHER MISIDENTIFIED THE PHYSICAL EVIDENCE ON THE GROUND OR ERRED IN HIS INTERPRETATION OF THE WRITTEN RECORD, OR BOTH. I REMONUMENTED THE ORIGINAL CORNER WITH A STANDARD ALUMINUM MONUMENT, AS SHOWN. MITCHELL'S MONUMENT WAS LEFT IN PLACE, AND BEARS S.89°09'56"E, 69.21 FT. FROM THE TRUE CORNER.

CORNER #4 PROTECTION QUARTZ CLAIM, MS 366
AFTER A DILIGENT SEARCH, I FOUND NO REMAINING EVIDENCE OF THE ORIGINAL CORNER, POSSIBLY DUE TO PAST LOGGING ACTIVITY. I DECLARE THIS CORNER LOST AND REESTABLISH IT BY BEARING-BEARING INTERSECTION. I DETERMINED THE BEARING OF THE SOUTHWESTERLY LINE OF PROTECTION BETWEEN FOUND ORIGINAL CORNERS TO BE N.51°33'11"W. I HOLD THIS SAME BEARING FOR THE NORTHEASTERLY LINE, MEASURING FROM CORNER #1 OF PROTECTION TO INTERSECT THE LINE BETWEEN MONUMENTS AT CORNER #1 AND CORNER #2 OF THE CYCLONE CLAIM.

CORNER #2 CYCLONE QUARTZ CLAIM, MS 366, IDENTICAL WITH CORNER #1 OHIO QUARTZ CLAIM, MS 381
THE CORNER POSITION FALLS ON THE CUT BANK OF A LOGGING ROAD. I SEARCHED FOR BUT FOUND NO TRACE OF MITCHELL'S BRASS CAP MONUMENT. I DID HOWEVER, FIND BOTH OF MITCHELL'S BEARING TREES AND THE ORIGINAL BEARING TREE STUMP IN THE SOUTHWEST QUADRANT. I REESTABLISH THE CORNER POSITION BY DISTANCE-DISTANCE INTERSECTION FROM MITCHELL'S BEARING TREES, WHICH PLACES THE CORNER AT RECORD BEARING AND DISTANCE FROM THE REMAINS OF THE ORIGINAL BEARING TREE STUMP.

CORNER #2 COLUMBIA QUARTZ CLAIM, MS 176, IDENTICAL WITH CORNER #1 APPOMATTOX QUARTZ CLAIM, MS 204, ALSO IDENTICAL WITH CORNER #2 PROTECTION QUARTZ CLAIM, MS 366, ALSO IDENTICAL WITH CORNER #2 COLUMBIA NO. 2 QUARTZ CLAIM, MS 593
I FOUND A 2 FT. DIAMETER MOUND OF STONE WITH A 2" DIAMETER HOLE IN THE CENTER WHERE MITCHELL'S MONUMENT HAD BEEN SET, BUT I FOUND NO TRACE OF THE PIPE WITH BRASS CAP. I VERIFIED THE POSITION OF THE MOUND OF STONE FROM BOTH OF MITCHELL'S BEARING TREES. I ALSO FOUND THE REMAINS OF THE ORIGINAL SOUTHWEST BEARING TREE FROM MS 366. I ACCEPT THE POSITION OF THE HOLE IN THE CENTER OF THE MOUND OF STONE AS THE BEST AVAILABLE EVIDENCE OF THE ORIGINAL CORNER. FROM THE CORNER, I ALSO FOUND AN UNRECORDED IRON PIPE PROJECTING 2.5 FEET ABOVE GROUND, WHICH BEARS S.10°W, 7.53 FEET FROM THE CORNER. THE ORIGIN AND SIGNIFICANCE OF THE PIPE IS UNKNOWN.

CORNER #6 COLUMBIA NO. 2 QUARTZ CLAIM, MS 593
THE CORNER FALLS ALONG THE CUT BANK OF AN EXISTING ROAD. I SEARCHED FOR BUT FOUND NO REMAINING EVIDENCE OF THE ORIGINAL MONUMENT. I FOUND THE FOLLOWING UNRECORDED EVIDENCE IN THE VICINITY OF THE CORNER:

- A 1" X 1" X 48" WOOD STAKE DRIVEN IN THE GROUND, WHICH BEARS S.89°W, 23 FT. FROM THE CALCULATED CORNER POSITION. I HAVE FOUND SIMILAR STAKES NEAR SEVERAL OTHER MINERAL CORNERS AROUND THE BOURNE AREA, BUT THE ORIGIN AND SIGNIFICANCE OF THESE IS UNKNOWN.
- A 1½" DBH LODGEPOLE PINE WITH TWO OLD NATIONAL FOREST BOUNDARY SIGNS ATTACHED AND GROWN OVER. THE SIGNS WERE ORIENTED PERPENDICULAR TO ONE ANOTHER, AS IF TO INDICATE A CORNER LOCATION. HOWEVER, THE TREE BEARS N.75°W, 29 FT. FROM THE CALCULATED CORNER POSITION, AND THERE WERE NO BEARING TREES OF RECORD.
- A 2½" DBH WHITE FIR WITH HEALED BLAZE MARKS ON THE NE, SW, AND NW SIDES OF THE TREE, WHICH BEARS APPROXIMATELY S.74°W, 37 FT. FROM THE CALCULATED CORNER POSITION, AND THERE WERE NO BEARING TREES OF RECORD.

AFTER CAREFUL CONSIDERATION, I DO NOT ACCEPT THE STAKE OR EITHER OF THE TREES AS SUFFICIENT EVIDENCE OF THE ORIGINAL CORNER. THERE IS NO OFFICIAL RECORD OF ANY OF THESE OBJECTS, AND IT IS UNKNOWN IF OR HOW THEY MAY RELATE TO THE CORNER. FURTHERMORE, THE POSITIONAL RELATIONSHIP OF THESE OBJECTS TO OTHER FOUND CONTROLLING CORNERS OF MINERAL SURVEYS 336 AND 593 IS EXTREMELY POOR. I DECLARE THIS CORNER LOST, AND REESTABLISH IT BY UTILIZING A BEARING-BEARING INTERSECTION, AS FOLLOWS: I DETERMINED THE MEAN BEARING OF THE NORTHEASTERLY END LINE OF COLUMBIA NO. 2 TO BE N.51°37'60"W. I HOLD THIS SAME BEARING FOR THE SOUTHWESTERLY END LINE, MEASURING FROM CORNER #7 OF COLUMBIA NO. 2 TO INTERSECT THE LINE BETWEEN FOUND ACCEPTED MONUMENTS AT CORNER #1 AND CORNER #2 OF CLIMAX QUARTZ CLAIM, MS 336.

NORTHEAST-END-CENTER ESRASKLE QUARTZ CLAIM, MS 591
I SEARCHED FOR BUT FOUND NO TRACE OF THE ORIGINAL MONUMENT, POSSIBLY DUE TO THE CONSTRUCTION OF A POWER LINE AND ACCESS ROAD DIRECTLY UPHILL FROM THE CORNER. THE CORNER POSITION, HOWEVER, IS NOT LOST. I LOCATED IMPROVEMENT NO. 2 AS DESCRIBED ON PAGE 7 OF THE NOTES OF MINERAL SURVEY NO. 591, AND AS SHOWN ON THE PLAT THEREOF. I DETERMINED THE CORNER POSITION BY MEASURING THE RECORD BEARING AND DISTANCE FROM THE CENTER OF THE EXPOSED ROCK FACE OF THE OPEN CUT.

CORNER #3 ESRASKLE QUARTZ CLAIM, MS 591
AFTER A DILIGENT SEARCH, I FOUND NO REMAINING EVIDENCE OF THE ORIGINAL CORNER. THE SEARCH AREA SHOWED SIGNS OF SIGNIFICANT DISTURBANCE FROM LOGGING ACTIVITY AND THE CONSTRUCTION OF A POWER LINE AND ACCESS ROAD. I DECLARE THIS CORNER LOST, AND REESTABLISH IT AS FOLLOWS: I DETERMINED THE BEARING AND DISTANCE BETWEEN CORNER #4 AND THE NORTHEAST-END-CENTER OF ESRASKLE TO BE N.41°27'50"W, 300.65 FT. I MEASURE THIS SAME BEARING AND DISTANCE FROM THE NORTHEAST-END-CENTER TO ESTABLISH CORNER #3. I CHOSE THIS METHOD OVER A GRANT BOUNDARY ADJUSTMENT, AS I BELIEVE IT PLACES THE CORNER CLOSER TO THE ORIGINAL POSITION.

SOUTHWEST-END-CENTER ESRASKLE QUARTZ CLAIM, MS 591
I SEARCHED FOR BUT FOUND NO REMAINING EVIDENCE OF THE ORIGINAL CORNER. I DID NOT MONUMENT THE CORNER DURING THIS SURVEY, BUT CALCULATE A SINGLE PROPORTION POSITION, AS SHOWN HEREON.

WEST-CENTER-END ORAZABA QUARTZ CLAIM, MS 336
I FOUND A 2 ½ FT. DIAMETER MOUND OF EARTH AND STONE, 1 FT. HIGH, WITH PIECES OF CHARRED WOOD IN THE CENTER DOWN TO A DEPTH OF 18 INCHES. THE OFFICIAL FIELD NOTES MAKE NO MENTION OF FOSTER SCRIBING ANY BEARING TREES AT THIS CORNER. HOWEVER, I FOUND A WESTERN LARCH SNAG WITH WHAT APPEARED TO BE A HEALED BLAZE FACING THE MOUND. I CUT IT OPEN, REMOVING THE OVERGROWTH TO REVEAL AN OLD BLAZE WITH FULL SCRIBING, WHICH READ "W CENTRE POST ORAZABA CLAIM MS 336 BT". I FIND IT TO BE CONSISTENT WITH OTHER ORIGINAL BT'S SCRIBED BY FOSTER. I ACCEPT THE CENTER OF THE MOUND, WHICH IS HARMONIOUSLY RELATED TO CORNERS 1 AND 2 OF THE ORAZABA CLAIM.

MINERAL SURVEY NO'S 591 AND 593 WERE BOTH SURVEYED FOR GEORGE W. GRAYSON BY CHARLES M. FOSTER WITHIN DAYS OF ONE ANOTHER IN SEPTEMBER OF 1904. BOTH CLAIMS ARE JUNIOR TO THE OTHER MINERAL SURVEYS WHICH THEY ADJOIN. DURING THE COURSE OF MY RETRACEMENT OF THESE CLAIMS, I DISCOVERED MULTIPLE INSTANCES WHERE THE CORNERS OF MS 591 AND 593 WERE FOUND TO BE OFF OF THE SENIOR LINES BY SUBSTANTIAL AMOUNTS. ALTHOUGH FOSTER'S MAPS AND NOTES INDICATE THAT HE PERFORMED A CAREFUL RETRACEMENT OF EACH OF THE SENIOR LINES IN ORDER TO PROPERLY INTERSECT THEM, THE EVIDENCE IN THE FIELD SUGGESTS OTHERWISE. A DISCUSSION OF EACH OF THESE CORNERS ARE AS FOLLOWS:

CORNER #1 ESRASKLE QUARTZ CLAIM, MS 591
I FOUND AND ACCEPTED MITCHELL'S MONUMENT FOR THE CORNER. ALTHOUGH MINERAL SURVEY NO. 591 SHOWS THAT THE NORTHWESTERLY LINE OF THE CLIMAX CLAIM, MS 336, WAS RETRACED IN ORDER TO PLACE THE CORNER ON THE LINE, IT FALLS ABOUT 5 FEET SOUTHEASTERLY OF, AND ACROSS, THE SENIOR LINE. TO ACCEPT THIS CORNER AS BEING A CONTROLLING MONUMENT ON THE SENIOR LINE WOULD CREATE AN ANGLE POINT SO SUBSTANTIAL, IT WOULD BE WELL OUTSIDE THE SURVEY TOLERANCES OF THAT ERA. IT IS EVIDENT THAT EITHER THE LINE WAS NOT ACTUALLY RETRACED AS MS 591 REPORTED, OR A SIGNIFICANT ERROR HAD OCCURRED. AS SUCH, IT IS NOT ACCEPTED AS AN ANGLE POINT IN THE NORTHWEST LINE OF THE CLIMAX, BUT IS USED FOR CONTROL OF THE ESRASKLE CLAIM ONLY.

CORNER #4 ESRASKLE QUARTZ CLAIM, MS 591
I FOUND AND ACCEPTED MITCHELL'S MONUMENT FOR THE CORNER. ALTHOUGH MINERAL SURVEY NO. 591 SHOWS THAT THE NORTHWESTERLY LINE OF THE OHIO CLAIM WAS RETRACED IN ORDER TO PLACE THE CORNER ON THE LINE, IT FALLS ABOUT 9 FEET NORTHWESTERLY OF, AND SHORT OF, THE LINE. TO ACCEPT THIS CORNER AS BEING A CONTROLLING MONUMENT ON THE SENIOR LINE WOULD CREATE AN ANGLE POINT SO SUBSTANTIAL, IT WOULD BE WELL OUTSIDE THE SURVEY TOLERANCES OF THAT ERA. IT WAS EVIDENT THAT EITHER THE LINE WAS NOT ACTUALLY RETRACED AS MS 591 REPORTED, OR A SIGNIFICANT ERROR HAD OCCURRED. AS SUCH, IT IS NOT ACCEPTED AS BEING ON THE NORTHWEST LINE OF THE OHIO, BUT IT IS USED FOR CONTROL OF THE ESRASKLE CLAIM ONLY.

CORNER #3 COLUMBIA NO. 2 QUARTZ CLAIM, MS 593
I FOUND AND ACCEPTED MITCHELL'S MONUMENT FOR THE CORNER. HOWEVER, THIS CORNER FALLS ACROSS THE SOUTHEAST LINE OF THE OHIO QUARTZ CLAIM, MS 381, WHICH IS A SENIOR CLAIM. ALTHOUGH MINERAL SURVEY NO. 593 SHOWS THAT THE SOUTHEASTERLY LINE OF THE OHIO CLAIM WAS RETRACED IN ORDER TO PLACE THE CORNER ON THE LINE, IT FALLS ALMOST 12 FEET OVER THE LINE. AS SUCH, IT WAS EVIDENT THAT EITHER THE LINE WAS NOT ACTUALLY RETRACED AS MS 593 REPORTED, OR A SIGNIFICANT ERROR HAD OCCURRED.

CORNER #7 COLUMBIA NO. 2 QUARTZ CLAIM, MS 593
I FOUND AND ACCEPTED MITCHELL'S MONUMENT FOR THE CORNER. HOWEVER, THIS CORNER FALLS SOUTHEAST OF THE NORTHWEST LINE OF THE GOLCONDA QUARTZ CLAIM, MS 348, WHICH IS A SENIOR CLAIM. BASED ON MINERAL SURVEY 593, CORNER #7 WAS INTENDED TO FALL NORTHWEST OF THE LINE. THEREFORE, I ACCEPT THE CORNER AS CONTROLLING THE DIRECTION OF THE SOUTHWEST LINE OF COLUMBIA NO. 2 ONLY. I DID NOT MONUMENT THE INTERSECTION POINT THIS SURVEY.

ALL OTHER CONTROLLING MONUMENTS OF RECORD WERE FOUND AND ACCEPTED AS SHOWN HEREON. NEW MONUMENTS WERE SET ACCORDING TO THE EVIDENCE FOUND, AND BY THE METHODS DESCRIBED HEREIN. THE NATIONAL FOREST BOUNDARIES THAT WERE THE SUBJECT OF THIS SURVEY WERE POSTED WITH ALUMINUM POSTS AND BOUNDARY SIGNS, AS SHOWN. SEE THE CORNER MONUMENTATION RECORDS FILED SEPARATELY FOR MORE DETAILS REGARDING THE CORNER EVIDENCE FOUND, NEW MONUMENTS SET AND CORNER ACCESSORIES ESTABLISHED.

REFERENCES

G.L.O. - EXTERIOR TOWNSHIP

THE EXTERIOR LINES OF TOWNSHIP 8 SOUTH, RANGE 37 EAST WERE SURVEYED BY EUGENE P. MCCORNACK, U.S. DEPUTY SURVEYOR, UNDER CONTRACT NO. 398 DATED JULY 2, 1881

U.S. MINERAL SURVEYS

- MINERAL SURVEY NO. 164, SURVEYED NOVEMBER 7, 1887, BY HENRY W. COOKE, U.S. DEPUTY MINERAL SURVEYOR
- MINERAL SURVEY NO. 165, SURVEYED NOVEMBER 8, 1887, BY HENRY W. COOKE, U.S. DEPUTY MINERAL SURVEYOR
- MINERAL SURVEY NO. 176, SURVEYED SEPTEMBER 6-7, 1888, BY CHARLES M. FOSTER, U.S. DEPUTY MINERAL SURVEYOR
- MINERAL SURVEY NO. 181, SURVEYED OCTOBER 9-10, 1888, BY EMIL F. VOIGT, U.S. DEPUTY MINERAL SURVEYOR
- MINERAL SURVEY NO. 182, SURVEYED OCTOBER 10-11, 1888, BY EMIL F. VOIGT, U.S. DEPUTY MINERAL SURVEYOR
- MINERAL SURVEY NO. 191, SURVEYED DECEMBER 18, 1888, BY EMIL F. VOIGT, U.S. DEPUTY MINERAL SURVEYOR
- RETRACEMENT OF MINERAL SURVEY NO. 191, SURVEYED OCTOBER 29, 1895, BY ARTHUR PHILBRICK AND PORTER MCGEE
- MINERAL SURVEY NO. 204, SURVEYED JULY 2, 1889, BY CHARLES M. FOSTER, U.S. DEPUTY MINERAL SURVEYOR
- MINERAL SURVEY NO. 238, SURVEYED SEPTEMBER 10, 1891, BY CHARLES M. FOSTER, U.S. DEPUTY MINERAL SURVEYOR
- MINERAL SURVEY NO. 241, SURVEYED OCTOBER 31 - NOVEMBER 2, 1891, BY EMIL F. VOIGT, U.S. DEPUTY MINERAL SURVEYOR
- MINERAL SURVEY NO. 242, SURVEYED NOVEMBER 2-3, 1891, BY EMIL F. VOIGT, U.S. DEPUTY MINERAL SURVEYOR
- MINERAL SURVEY NO. 244, SURVEYED DECEMBER 9, 1891, BY EMIL F. VOIGT, U.S. DEPUTY MINERAL SURVEYOR
- MINERAL SURVEY NO. 252, SURVEYED JUNE 17-18, 1892, BY EMIL F. VOIGT, U.S. DEPUTY MINERAL SURVEYOR
- MINERAL SURVEY NO. 256, SURVEYED SEPTEMBER 9-10, 1892, BY EMIL F. VOIGT, U.S. DEPUTY MINERAL SURVEYOR
- MINERAL SURVEY NO. 336, SURVEYED JULY 9-10, 1897, BY CHARLES M. FOSTER, U.S. DEPUTY MINERAL SURVEYOR
- MINERAL SURVEY NO. 348, SURVEYED JULY 12-13, 1898, BY ARTHUR PHILBRICK, U.S. DEPUTY MINERAL SURVEYOR
- MINERAL SURVEY NO. 366, SURVEYED AUGUST 17-18, 1899, BY CHARLES M. FOSTER, U.S. DEPUTY MINERAL SURVEYOR
- MINERAL SURVEY NO. 378, SURVEYED OCTOBER 28 - NOVEMBER 4, 1899, BY JOHN HAGEL, U.S. DEPUTY MINERAL SURVEYOR
- MINERAL SURVEY NO. 381, SURVEYED DECEMBER 27-28, 1899, BY CHARLES M. FOSTER, U.S. DEPUTY MINERAL SURVEYOR
- MINERAL SURVEY NO. 471, SURVEYED JUNE 3-4, 1902, BY JOHN HAGEL, U.S. DEPUTY MINERAL SURVEYOR
- MINERAL SURVEY NO. 591, SURVEYED SEPTEMBER 3-4, 1904, BY CHARLES M. FOSTER, U.S. DEPUTY MINERAL SURVEYOR
- MINERAL SURVEY NO. 593, SURVEYED SEPTEMBER 5-6, 1904, BY CHARLES M. FOSTER, U.S. DEPUTY MINERAL SURVEYOR
- MINERAL SURVEY NO. 676, SURVEYED OCTOBER 5-6, 1906, BY JOHN HAGEL, U.S. DEPUTY MINERAL SURVEYOR

SUBSEQUENT G.L.O. SURVEY

SURVEY OF THE SUBDIVISIONAL LINES, RETRACEMENT AND DEPENDENT RESURVEY OF THE EAST BOUNDARY, AN INDEPENDENT RESURVEY OF THE SOUTH, WEST, AND NORTH BOUNDARIES, AND RETRACEMENTS OF THE BOUNDARIES OF MINERAL CLAIMS, T.8S., R.37E., EXECUTED BY LINCOLN E. WILKES, U.S. CADASTRAL ENGINEER, UNDER SPECIAL INSTRUCTIONS DATED SEPTEMBER 24, 1923, INCLUDED IN GROUP NO. 107. SURVEYED JUNE 19, 1924 THROUGH MAY 29, 1925

FOREST SERVICE CORNER CARDS

UNRECORDED REMONUMENTATION OF CERTAIN MINERAL CLAIM CORNERS BY JOHN R. MITCHELL, AN UNLICENSED SURVEY TECHNICIAN, DOCUMENTED ON FOREST SERVICE CORNER CARDS ON FILE WITH THE WALLOWA-WHITMAN NATIONAL FOREST. DATED 1989, 1980, AND 1981.

BAKER COUNTY SURVEYOR RECORDS

- A SURVEY FOR THE WALLOWA-WHITMAN NATIONAL FOREST BY WILLIAM L. HANLEY, PLS #1639, PERFORMED OCTOBER, NOVEMBER, & DECEMBER, 1987, UNDER U.S.F.S. CONTRACT NO. 43-04M3-7-6123. MAP OF SURVEY FILED MAY 2, 1988 IN THE BAKER COUNTY SURVEYOR'S OFFICE AS SURVEY NO. 9-37-163. ASSOCIATED LAND CORNER MONUMENTATION RECORDS PERTAINING TO THIS SURVEY WERE FILED AS SURVEY NO.'S 9-37-19, 9-37-80, AND 9-37-119
- SURVEY OF PORTIONS OF MINERAL SURVEY NO.'S 348 AND 378, BY LELAND L. MYERS, PLS #69454. MAP OF SURVEY FILED DECEMBER 22, 2003 IN THE BAKER COUNTY SURVEYOR'S OFFICE AS SURVEY NO. 9-37-135 AND 9-37-279
- SURVEY FOR THE WALLOWA-WHITMAN NATIONAL FOREST BY JASON L. HATFIELD, PLS #69454. MAP OF SURVEY FILED DECEMBER 20, 2023 IN THE BAKER COUNTY SURVEYOR'S OFFICE AS SURVEY NO. 9-37-137. ASSOCIATED LAND CORNER MONUMENTATION RECORDS PERTAINING TO THIS SURVEY WERE FILED AS SURVEY NO.'S 9-37-160 AND 9-37-161
- CORNER PERPETUATION ACTIVITIES PERFORMED BY ROBERT C. MOYERS, PLS #91693. LAND CORNER MONUMENTATION REPORTS FILED AUGUST 7, 2024 IN THE BAKER COUNTY SURVEYOR'S OFFICE AS SURVEY NO.'S 9-37-188 AND 9-37-189
- SURVEY FOR THE WALLOWA-WHITMAN NATIONAL FOREST BY JASON L. HATFIELD, PLS #69454. MAP OF SURVEY FILED OCTOBER 21, 2025, IN THE BAKER COUNTY SURVEYOR'S OFFICE AS SURVEY NO. 9-37-190

BAKER COUNTY DEED RECORDS

DEED BOOK "U" PAGE 450
DEED BOOK "U" PAGE 451
DEED BOOK "V" PAGE 150
DEED BOOK "V" PAGES 210-212
DEED BOOK "V" PAGES 607-610
DEED BOOK "Y" PAGE 472-475
DEED BOOK "Y" PAGE 476
DEED BOOK "Y" PAGE 555
DEED BOOK 35 PAGES 334-336
DEED BOOK 35 PAGES 402-404
DEED BOOK 41 PAGES 252-254
DEED BOOK 42 PAGES 169-192
DEED BOOK 42 PAGES 297-298
DEED BOOK 42 PAGES 487-488
DEED BOOK 48 PAGE 285
DEED BOOK 60 PAGES 1-2
DEED BOOK 61 PAGE 585
DEED BOOK 122 PAGES 603-607
DEED NO. 73 026 055
DEED NO. 91 17 042
DEED NO. B08 32 0001
DEED NO. B13 04 0172
DEED NO. B19 35 0250
DEED NO. B20 28 0243
DEED NO. B23490064
DEED NO. B24090141

REGISTERED
PROFESSIONAL
LAND SURVEYOR

OREGON
NOVEMBER 30, 2007
JASON L. HATFIELD
#69454

EXPIRES: 6/30/2027

FILED September 24, 2025

BAKER COUNTY SURVEYOR

SURVEY NO. 9-37-204

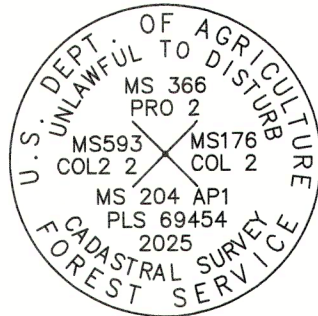
9-37-419

CORNER MONUMENT MARKINGS

FOR MINERAL CORNERS REESTABLISHED THIS SURVEY



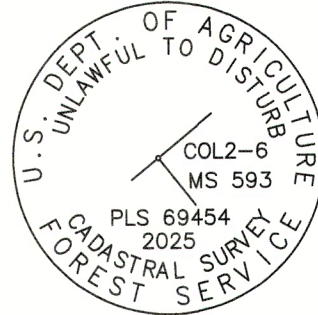
CORNER #3 RAGING ROLAND, M.S. 242



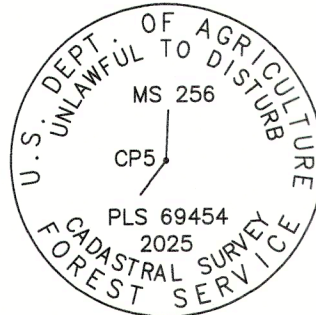
CORNER #2 COLUMBIA, M.S. 176 AND
CORNER #1 APPOMATTOX, M.S. 204 AND
CORNER #2 PROTECTION, M.S. 366 AND
CORNER #2 COLUMBIA NO. 2, M.S. 593



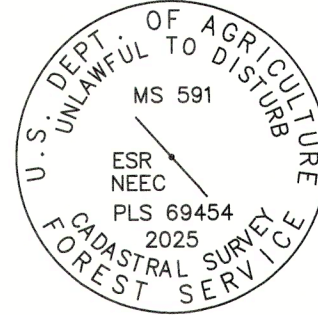
CORNER #3 EXCELSIOR, M.S. 165 AND
CORNER #4 NORTH POLE, M.S. 181 AND
CORNER #5 RAGING ROLAND, M.S. 242



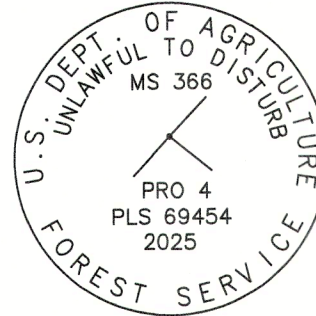
CORNER #6 COLUMBIA NO. 2, M.S. 593



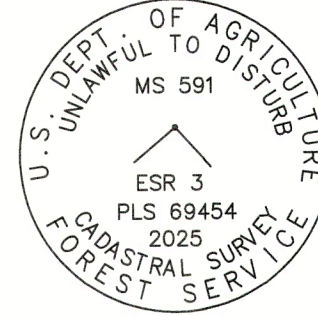
CORNER #5 CENTRAL PLACER, M.S. 256 AND
CORNER #3 SIDE ISSUE, M.S. 676 (UNPATENTED)



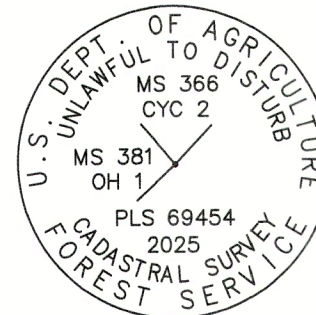
NORTHEAST-END-CENTER
ESRASKLE, M.S. 591



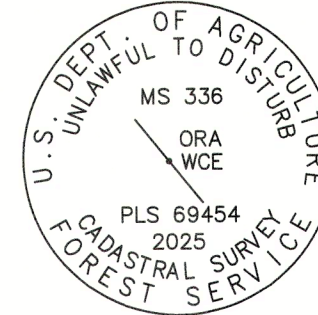
CORNER #4 PROTECTION, M.S. 366



CORNER #3 ESRASKLE, M.S. 591



CORNER #1 OHIO, M.S. 381 AND
CORNER #2 CYCLONE, M.S. 366



WEST-CENTER-END ORAZABA, M.S. 336

NOTES

THE LOCATIONS OF MINING CLAIMS, SECTION LINES, AND SECTION SUBDIVISIONAL LINES SHOWN ON THE ANNEXED PLATS WITHOUT MEASURED DIMENSIONS ARE APPROXIMATE AND ARE PROTRACTED FOR GENERAL INFORMATION ONLY.

UNITED STATES DEPARTMENT OF AGRICULTURE			
FOREST SERVICE			
REGION 6 - NORTHEAST OREGON LAND ZONE			
1550 DEWEY AVENUE, SUITE A - BAKER CITY, OREGON 97814 - (541) 523-128			