

I HEREBY CERTIFY THAT THIS SURVEY WAS PERFORMED AT THE REQUEST OF THE WALLOWA-WHITMAN NATIONAL FOREST

Anthony Butta 9/20/21
FOREST SUPERVISOR DATE

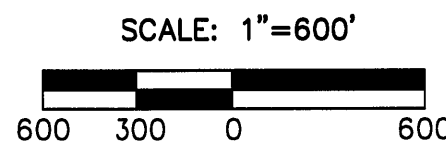
RECEIVED AND FILED
GRANT COUNTY SURVEYOR

SEP 23 2021

BY: *[Signature]*

BASIS OF BEARINGS

GEODETIC NORTH
DETERMINED BY G.P.S. OBSERVATION TAKEN
NEAR THE SOUTH 1/4 CORNER SECTION 16,
T.7S., R.35.5E.



LEGEND

- FOUND 2 1/2" GALV. IRON PIPE WITH ATTACHED 3/4" B.L.M. BRASS CAP FROM 1974 REMONUMENTATION PROJECT BY LESTER E. FISCHER, CADASTRAL SURVEYOR, UNDER GROUP NO. 350
- FOUND 2 1/2" ALUMINUM PIPE WITH ATTACHED 2 1/2" ALUMINUM CAP FROM RECORD MAP OF SURVEY NO. 836
- SET A 2 1/2"x30" ALUMINUM PIPE WITH 3 1/4" USFS ALUMINUM CAP MARKED AS SHOWN - SEE CORNER MONUMENTATION RECORD FILED SEPARATELY FOR MORE DETAILS
- () RECORD BEARING AND DISTANCE FROM 1884 GENERAL LAND OFFICE SURVEY BY W.B. BARR, U.S. DEPUTY SURVEYOR UNDER CONTRACT NO. 492
- NATIONAL FOREST BOUNDARY POSTED THIS SURVEY
- N.F.S.L. NATIONAL FOREST SYSTEM LANDS

REFERENCES

RECORD MAP OF SURVEY NO. 836
GRANT COUNTY CORNER RESTORATION RECORDS
DEED RECORD INSTRUMENT NO. 20111122
DEED RECORD BOOK 112 PAGE 604
B.L.M. FIELD NOTES
GENERAL LAND OFFICE RECORDS
U.S. FOREST SERVICE CORNER CARDS

REGISTERED
PROFESSIONAL
LAND SURVEYOR

Jason L. Hatfield
OREGON
NOVEMBER 30, 2007
JASON L. HATFIELD
#69454

EXPIRES: 6/30/2023

NARRATIVE

THIS SURVEY WAS PERFORMED FOR THE WALLOWA-WHITMAN NATIONAL FOREST, WITH THE PURPOSE OF DELINEATING THE BOUNDARY BETWEEN PRIVATE LAND AND NATIONAL FOREST SYSTEM LAND IN SECTION 16, T.7S., R.35.5E., W.M.

A HISTORY OF SURVEYS PERTAINING TO THIS SURVEY ARE AS FOLLOWS:

1. THE EXTERIOR LINES OF TOWNSHIP 7 SOUTH, RANGE 35.5 EAST WAS PERFORMED BY EUGENE P. MCCORNACK, U.S. DEPUTY SURVEYOR, UNDER CONTRACT NO. 398 DATED JULY 2, 1881.
2. THE SUBDIVISION OF TOWNSHIP 7 SOUTH, RANGE 35.5 EAST WAS PERFORMED BY WILLIAM B. BARR, U.S. DEPUTY SURVEYOR, UNDER CONTRACT NO. 492 DATED AUGUST 22, 1883.
3. THE RECOVERY OF CERTAIN ORIGINAL CORNERS BY JOHN R. MITCHELL, SURVEY TECHNICIAN FOR THE U.S. FOREST SERVICE, IN OCTOBER OF 1972, AS EVIDENCED BY U.S. FOREST SERVICE CORNER CARDS ON FILE WITH THE WALLOWA-WHITMAN NATIONAL FOREST.
4. THE REMONUMENTATION OF CERTAIN ORIGINAL CORNER POINTS IN TOWNSHIP 7 SOUTH, RANGE 35.5 EAST BY LESTER E. FISCHER, B.L.M. CADASTRAL SURVEYOR, UNDER GROUP NO. 350. SURVEY COMPLETED ON JULY 16, 1974.
5. CADASTRAL SURVEY BY WILLIAM WELLS, PLS, FILED OCTOBER 15, 1984 AS RECORD MAP OF SURVEY NO. 836 IN THE GRANT COUNTY SURVEYOR'S OFFICE.

THIS SURVEY REQUIRED THE RECOVERY/REESTABLISHMENT OF THE NORTH 1/4 CORNER OF SECTION 16, ORIGINALLY MONUMENTED BY WILLIAM B. BARR. IT'S NOTEWORTHY TO MENTION THAT MANY SURVEYS PERFORMED OVER THE YEARS RETRACING THE WORK OF BARR HAVE DISCLOSED THAT HIS WORKMANSHIP WAS LESS THAN DESIRABLE. THERE IS GREAT CAUSE FOR SUSPICION THAT BARR HABITUALLY STUBBED CORNERS IN, SOMETIMES FROM SEVERAL MILES AWAY. WHERE IT HAS BEEN CONFIRMED THAT HE DID RUN CERTAIN LINES, THE QUALITY OF HIS MEASUREMENTS HAVE BEEN FOUND TO BE GOOD ON LEVEL TERRAIN, BUT POOR IN MOUNTAINOUS TERRAIN. BARR'S UNORTHODOX SURVEY PRACTICES OFTEN RESULT IN GROSS IRREGULARITIES IN THE SECTION GEOMETRY.

ACCORDING TO BARR'S FIELD NOTES, THE NORTH 1/4 CORNER OF SECTION 16 WAS MONUMENTED WITH A PINE POST AND TWO BEARING TREES. IN 1972, JOHN R. MITCHELL, SURVEY TECHNICIAN FOR THE U.S. FOREST SERVICE, REPORTED FINDING THE REMAINS OF THE SOUTHEAST BEARING TREE CONSISTING OF A CHARRED SLIVER OF A LODGEPOLE PINE WITH SCRIBING PRESENT. HIS NOTES ALSO STATE "THE UPPER PORTION OF THIS S. SLOPE HAS BEEN BURNED OVER IN A VERY HOT FIRE, PERHAPS 50 YEARS AGO." THERE IS ALSO A HANDWRITTEN NOTE THAT STATES "BLM WOULD NOT ACCEPT".

I MADE FIELD MEASUREMENTS TO RECOVER THE B.L.M. MONUMENTS AT THE NORTHEAST, SOUTHEAST, SOUTH 1/4 AND NORTHWEST CORNERS OF SECTION 16. WE ALSO RECOVERED THE MONUMENT FROM SURVEY NO. 836 AT THE SOUTHWEST CORNER OF THE SECTION. I ACCEPT ALL OF THESE MONUMENTS.

AT THE NORTH 1/4 CORNER, I FOUND A BLAZED 3" DIAMETER LODGEPOLE PINE SNAG WITH A U.S. FOREST SERVICE K-TAG ATTACHED. THE TAG WAS DATED 10/20/1972 AND WAS INITIALED BY JOHN MITCHELL. IT WAS ALSO MARKED FOR THE 1/4 CORNER AND "XX" WHERE BEARING AND DISTANCE TO THE CORNER WOULD NORMALLY BE WRITTEN. WE ALSO FOUND 1970'S ERA FOREST SERVICE BOUNDARY SIGNS NAILED TO TREES RUNNING SOUTH AND WEST FROM THE POSITION OF THE K-TAG. I MADE A DILIGENT SEARCH BUT DID NOT FIND THE REMAINS OF THE ORIGINAL STAKE OR EITHER OF THE BEARING TREES. THE CORNER IS LOCATED IN A DENSE LODGEPOLE PINE STAND. AS JOHN MITCHELL'S NOTES INDICATE, THE AREA APPEARS TO HAVE UNDERGONE A STAND-REPLACEMENT FIRE EVENT. NO REMAINS OF STUMPS OR STUMP HOLES FROM THE PREVIOUS STAND COULD BE FOUND. I ALSO MADE A SEARCH FOR ANY EVIDENCE AT THE PROPORTIONATE POSITION FOR THE 1/4 CORNER BUT FOUND NOTHING.

I CONTACTED THE B.L.M. TO INQUIRE ABOUT THE NOTE ON THE CORNER CARD STATING "BLM WOULD NOT ACCEPT" AND MADE A REQUEST FOR THE GROUP FILE FROM THE 1974 REMONUMENTATION PROJECT CONDUCTED BY LESTER FISCHER. B.L.M. STAFF SEARCHED THE GROUP FILE AND INFORMED ME THAT ALTHOUGH THERE WAS INFORMATION REGARDING THE EVALUATION OF THE OTHER CORNERS OF SECTION 16, THERE WAS NO MENTION OF THE NORTH 1/4 CORNER WHATSOEVER. THEY SUGGESTED THAT SINCE IT WAS STRICTLY A REMONUMENTATION PROJECT, IT'S QUITE POSSIBLE THAT THE CORNER EVIDENCE FOUND BY MITCHELL WASN'T STRONG ENOUGH ON ITS OWN TO WARRANT REMONUMENTATION BY THE B.L.M. WITHOUT FIRST VERIFYING ITS POSITION RELATIVE TO OTHER ACCEPTED CORNERS.

IN EVALUATING THE RELATIONSHIP OF FOUND CORNERS ALONG THE SOUTH LINE OF SECTION 16, IT IS EVIDENT THAT BARR STUBBED IN THE SOUTH 1/4 CORNER FROM THE SOUTHEAST CORNER, GIVEN THE GROSS DISCREPANCIES IN BEARING AND DISTANCE WEST OF THE 1/4 CORNER. WHEN COMPARING THE RELATIONSHIP OF MITCHELL'S K-TAG LOCATION WITH THE NORTHWEST AND NORTHEAST SECTION CORNERS, A SIMILAR PATTERN CAN BE SEEN.

ALONG THE NORTH LINE OF THE SECTION, BARR'S FIELD NOTES CONTAIN A TOPO CALL AT 37.50 CHAINS, WHICH WOULD BE 14.00 CHAINS (924 FEET) EAST OF THE NORTH 1/4 CORNER. THE FIELD NOTES STATE: "ASCEND 200 FEET TO DESCEND 350 FEET...", INDICATING THAT HE CRESTED A HILL OR RIDGE. IN THE FIELD, I RAN THIS SAME LINE BETWEEN MITCHELL'S K-TAG AND THE NORTHEAST SECTION CORNER, AND AT A DISTANCE OF 904 FEET FROM THE 1/4 CORNER I CRESTED WHAT I PRESUME TO BE THE SAME RIDGE.

I AM COMPELLED TO ACCEPT THE LOCATION OF THE FOUND K-TAG AS THE BEST AVAILABLE EVIDENCE OF THE NORTH 1/4 CORNER BASED ON THE FOLLOWING:

1. ALTHOUGH NOT A LICENSED SURVEYOR, JOHN MITCHELL HAD A REPUTATION AS A HIGHLY SKILLED CORNER SEARCHER. OVER THE YEARS, I HAVE FOUND HIS NOTES TO BE ACCURATE AND THE CORNER EVIDENCE HE FOUND TO BE AUTHENTIC. ALTHOUGH THE ORIGINAL EVIDENCE MITCHELL FOUND IN 1972 HAS NOW BEEN LOST TO TIME, HIS K-TAG REMAINS AS A PERPETUATION OF THE POSITION.
2. THE RELATIONSHIP OF THE K-TAG POSITION WITH THE NORTHWEST AND NORTHEAST SECTION CORNERS IS REPRESENTATIVE OF BARR'S PRACTICE OF STUBBING, AS EVIDENCED BY THE RELATIONSHIP OF THE CORNERS ALONG THE SOUTH LINE OF THE SECTION.
3. MITCHELL'S K-TAG AND THE 1970'S ERA NATIONAL FOREST BOUNDARY SIGNS HAVE BEEN IN PLACE AND APPARENTLY UNDISPUTED FOR 49 YEARS, AND HAVE BEEN RELIED UPON BY FOREST SERVICE STAFF, THE GENERAL PUBLIC, AND PRIVATE LANDOWNERS.
4. A PROPORTIONATE POSITION, BEING S.51°26'13"W., 292.58 FEET FROM MITCHELL'S K-TAG, IS AN OPTION OF LAST RESORT, AND IN THIS CASE WOULD CAUSE CHAOS WITHIN SECTION 16.
5. THE POSITION OF MITCHELL'S K-TAG IS FURTHER CORROBORATED BY VERIFICATION OF BARR'S TOPO CALL EAST OF THE 1/4 CORNER.

AT THE POSITION OF MITCHELL'S K-TAG, I SET A STANDARD U.S.F.S. ALUMINUM MONUMENT. SEE THE CORNER MONUMENTATION RECORD FILED SEPARATELY FOR MORE DETAILS REGARDING THE PERPETUATION OF THIS CORNER. THE NATIONAL FOREST BOUNDARY WAS POSTED WITH ALUMINUM POSTS AND BOUNDARY SIGNS, AS SHOWN HEREON.



UNITED STATES DEPARTMENT OF AGRICULTURE FOREST SERVICE		
REGION 6 - NORTHEAST OREGON LAND ZONE 1550 DEWEY AVENUE, SUITE A - BAKER CITY, OREGON 97814 - (541) 523-1337		
MAP OF SURVEY BOUNDARY SURVEY IN SECTION 16, T.7S., R.35.5E., W.M., GRANT COUNTY, OREGON		
SURVEYED FOR	WALLOWA-WHITMAN NATIONAL FOREST	
SURVEYED BY	JLH	SURVEYED: 7/22/2021
SCALE: 1" = 600'	DRAWN BY: JLH	