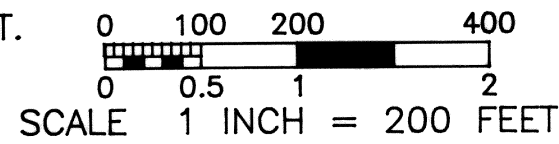


WALLOWA-WHITMAN NATIONAL FOREST, U.S. DEPARTMENT OF AGRICULTURE
CRACKER CREEK SURVEY
 PORTIONS OF
MS 189 - SMALL HOPE PLACER CLAIM
 AND
MS 245 - NORTHERN CONSOLIDATED PLACER CLAIM
 LOCATED IN
SECTION 29, TOWNSHIP 8 SOUTH, RANGE 37 EAST, W.M.
BAKER COUNTY, OREGON
NARRATIVE

ALL BEARINGS ARE FROM TRUE NORTH, AS DETERMINED BY AN HOUR ANGLE SOLAR OBSERVATION, TAKEN AT A RANDOM TRAVERSE POINT WHICH IS S33°12'26"W, 53.36 FT. FROM CORNER #6, N.C.P.C., MS 245.

DECLINATION AS STATED ON BOURNE QUAD SHEET, USGS IS 18 1/2' EAST.



NOTE: ALL DISTANCES ARE SHOWN IN FEET.

CORNER MONUMENTATION NOTES

MONUMENTS ESTABLISHED DURING THIS SURVEY ARE 3 1/4" ALUMINUM CAPS ON 30" LONG BY 3" DIAMETER ALUMINUM PIPES WITH FLARED BASES. I PLACED A COLLAR OF STONE AROUND THE PIPE. AT A DISTANCE OF 3 TO 5 FEET, FROM EACH MONUMENT, ON EACH PROPERTY LINE, I PLACED A STEEL POST WITH A PROPERTY BOUNDARY SIGN ATTACHED. IN ADDITION ON ONE POST AT EACH CORNER I ATTACHED A LAND SURVEY MONUMENT SIGN. SEE CERTIFIED LAND CORNER RECORDS FILED SEPARATELY.

CORNER EVIDENCE FOUND & ACCEPTED

CORNER #2, SMALL HOPE PLACER CLAIM
 FOUND AND ACCEPTED MONUMENT SET BY MITCHELL TO PERPETUATE THIS CORNER.

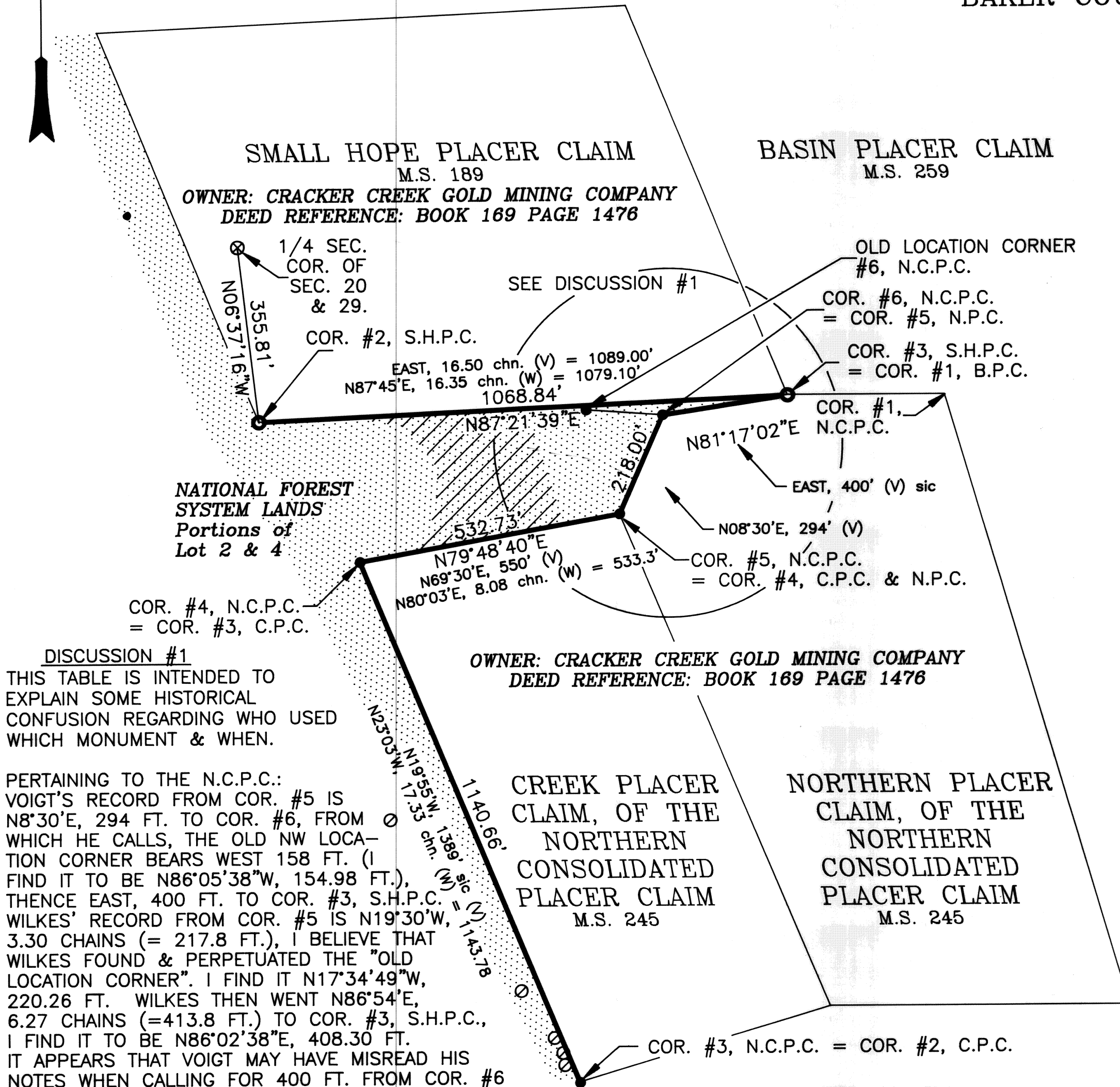
CORNER #3, SMALL HOPE PLACER CLAIM
 FOUND AND ACCEPTED MONUMENT SET BY MITCHELL TO PERPETUATE THIS CORNER.

CORNER #3, NORTHERN CONSOLIDATED PLACER CLAIM (N.C.P.C.)
 FOUND AND ACCEPTED WILKES' REMONUMENTATION OF VOIGT'S POSITION. NOTE: REJECTED MITCHELL'S POSITION, IT APPEARED THAT HE HAD MONUMENTED THE MEMORIAL MOUND OF STONE, SET INSIDE OF THE CLAIM & DID NOT KNOW ABOUT WILKES' SURVEY.

CORNER #4, N.C.P.C.
 FOUND AND ACCEPTED WILKES' RE-ESTABLISHMENT OF VOIGT'S POSITION. NOTE: REJECTED MITCHELL'S POSITION. I AM UNABLE TO DETERMINE WHO SCRIBED THE TREE THAT MITCHELL RELIED ON. AGAIN IT APPEARS THAT MITCHELL DID NOT KNOW ABOUT THE WILKES SURVEY. THE POSITION MONUMENTED IS S58°02'31"W, 257.75 FEET, FROM THE WILKES POSITION.

CORNER #5, N.C.P.C.
 FOUND, ACCEPTED AND REMONUMENTED WILKES' PERPETUATION OF VOIGT'S POSITION.

CORNER #6, N.C.P.C.
 FOUND, ACCEPTED AND REMONUMENTED VOIGT'S POSITION. FOUND ORIGINAL BEARING TREE STUMP WITH THE BOTTOM PORTION OF THE HEALED BLAZE VISIBLE WHEN OPENED. NOTE: WILKES INADVERTENTLY PERPETUATED A LOCATION CORNER POSITION ABANDON BY VOIGT. I REMONUMENTED SAID LOCATION CORNER, WHICH IS N 86.05'38" W, 154.98 FEET (VOIGT WEST, 158 FEET).



DISCUSSION #1

THIS TABLE IS INTENDED TO EXPLAIN SOME HISTORICAL CONFUSION REGARDING WHO USED WHICH MONUMENT & WHEN.

PERTAINING TO THE N.C.P.C.: VOIGT'S RECORD FROM COR. #5 IS N8°30'E, 294 FT. TO COR. #6, FROM WHICH HE CALLS, THE OLD NW LOCATION CORNER BEARS WEST 158 FT. (I FIND IT TO BE N86°05'38"W, 154.98 FT.), THENCE EAST, 400 FT. TO COR. #3, S.H.P.C. WILKES' RECORD FROM COR. #5 IS N19°30'W, 3.30 CHAINS (= 217.8 FT.), I BELIEVE THAT WILKES FOUND & PERPETUATED THE "OLD LOCATION CORNER". I FIND IT N17°34'49"W, 220.26 FT. WILKES THEN WENT N86°54'E, 6.27 CHAINS (=413.8 FT.) TO COR. #3, S.H.P.C., I FIND IT TO BE N86°02'38"E, 408.30 FT. IT APPEARS THAT VOIGT MAY HAVE MISREAD HIS NOTES WHEN CALLING FOR 400 FT. FROM COR. #6 TO COR. #3, S.H.P.C., HE MAY HAVE HAD THAT DISTANCE FROM THE "OLD LOCATION CORNER" TO COR. #3, S.H.P.C. SEE ALSO CERTIFIED LAND CORNER RECORDS.

LEGEND

- N.C.P.C. NORTHERN CONSOLIDATED PLACER CLAIM
- N.P.C. NORTHERN PLACER CLAIM
- C.P.C. CREEK PLACER CLAIM
- S.H.P.C. SMALL HOPE PLACER CLAIM
- NATIONAL FOREST SYSTEM LANDS PROPERTY BOUNDARY POSTED TO STANDARD.
- ▨ APPROXIMATE AREA OF TIMBER TRESPASS.
- ▤ NATIONAL FOREST SYSTEM LANDS

- (V) RECORD DATA FROM THE VOIGT SURVEY
- (W) RECORD DATA FROM THE WILKES SURVEY
- CORNER MONUMENTED DURING THIS SURVEY FROM EXISTING EVIDENCE.
- ⊙ EXISTING MINERAL CORNER EVIDENCE ACCEPTED.
- ⊗ EXISTING 1/4 SECTION CORNER EVIDENCE ACCEPTED.
- ⊘ OLD PROPERTY BOUNDARY SIGN, NOW REMOVED.
- chn. CHAINS (1 CHAIN = 66 FEET)
- sic A SURPRISING FACT, QUOTED CORRECTLY.

THE PURPOSE OF THIS SURVEY IS TO RETRACE, RE-MONUMENT AND POST WITH SIGNS, A PORTION OF NATIONAL FOREST SYSTEM LANDS IN THE NORTH 1/2, SECTION 29, T.8S., R.37E., W.M. ADJOINING PORTIONS OF SMALL HOPE PLACER CLAIM-MS189 AND NORTHERN CONSOLIDATED PLACER CLAIM-MS 245.

CREW MEMBERS ON THIS PROJECT WERE:
 ROGER O. GREEN, LS 2211, USFS
 ROANNA K. RUSTON, USFS
 TIM A. KENT, LS 2509, USFS, 10-2-97 ONLY
 MIKE M. GARDNER, LS 1048, BLM, 10-2-97 ONLY

FIELD WORK FOR THIS PROJECT WAS DONE ON 10-2-97, 10-14 & 15-97, 10-20 TO 23-97 AND 11-3 TO 5-97.

SURVEY EQUIPMENT: A SOKKIA, SET 3B, WHICH IS A 5" TOTAL-STATION, WAS USED.

SURVEY METHOD: A SERIES OF CLOSED LOOP TRAVERSES, USING MOSTLY FORCED CENTERING PROCEDURES WERE EMPLOYED TO CONNECT CONTROLLING CORNERS DEFINING NATIONAL FOREST SYSTEM LANDS. THESE WERE ADJUSTED BY LEAST SQUARES METHOD AND THE SOLAR OBSERVATION BEARING WAS HELD.

THE FIELD NOTES ARE CONTAINED IN A FOLDER TITLED CRACKER CREEK TRESPASS SURVEY, LOCATED AT THE WALLOWA-WHITMAN NATIONAL FOREST HEADQUARTERS, 1550 DEWEY AVE., BAKER CITY, OREGON.

SURVEY HISTORY:
 1888 - EMIL F. VOIGT SURVEYED THE SMALL HOPE PLACER CLAIM, MS 189.

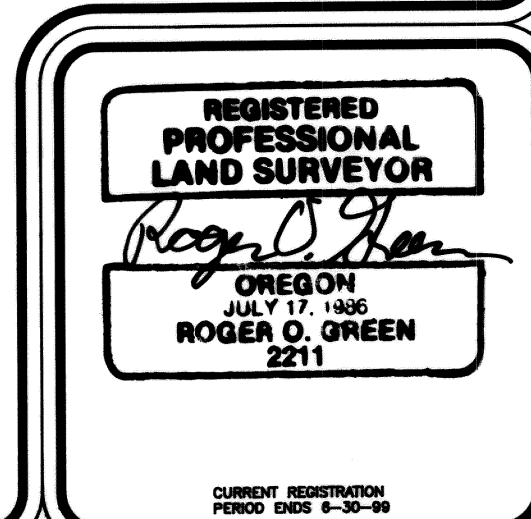
1891 - EMIL F. VOIGT SURVEYED THE NORTHERN CONSOLIDATED PLACER CLAIM, MS 245.

1924 & 1925 - LINCOLN E. WILKES, GLO, SURVEYED THE SUBDIVISION OF THE TOWNSHIP & RETRACED MINERAL CLAIMS.

1967, 1969, 1980 & 1981 - JOHN R. MITCHELL, SURVEY TECHNICIAN, DID CORNER SEARCH & PERPETUATION WORK TO MANY OF THE CORNERS IN THIS AREA, INCLUDING REMONUMENTATION AND SCRIBING NEW BEARING TREES.

1985 - WILLIAM L. HANLEY, LS 1639, COUNTY SURVEYOR, PERPETUATED THE 1/4 SEC. COR. OF SEC. 20 & 29.

FILED May 19, 1998
 BAKER COUNTY SURVEYOR
 SURVEY NO. 8-37-124



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

for William K. Gault 5/19/98
 KARYN L. WOOD DATE

I, ROGER O. GREEN, A REGISTERED LAND SURVEYOR IN THE STATE OF OREGON, HEREBY CERTIFY THAT THIS PLAT, THE NOTES AND CORNER CERTIFICATES REPRESENT A SURVEY THAT I HAVE PERFORMED DURING 1997 FOR THE WALLOWA-WHITMAN NATIONAL FOREST, AT THE REQUEST OF THE U.S.D.A. FOREST SERVICE, IN ACCORDANCE WITH THE STATUTES OF THE STATE OF OREGON.

Roger O. Green 5-14-98
 ROGER O. GREEN, L.S. 2211 DATE
 WALLOWA-WHITMAN NATIONAL FOREST
 1550 DEWEY AVENUE
 BAKER CITY, OREGON 97814
 PHONE (541) 523-6391