

**SURVEY FOR  
UMATILLA NATIONAL FOREST  
OF  
MINERAL SURVEY NO. 616  
LOCATED IN  
THE NE 1/4 OF SECTION 28  
T. 9 S., R. 35 E., W.M.  
GRANT COUNTY, OREGON  
SEPTEMBER - OCTOBER, 1995**

**NARRATIVE:**

**PURPOSE:**

THE PURPOSE OF THIS SURVEY WAS TO MONUMENT AND MARK THE BOUNDARY BETWEEN PRIVATE AND NATIONAL FOREST SYSTEM LANDS. IN ADDITION THE BOUNDARY OF THE GREENHORN UNIT OF THE NORTH FORK JOHN DAY WILDERNESS, WHICH ABUTS A PORTION OF THE PRIVATE LAND, WAS ALSO MARKED AND MONUMENTED.

**HISTORY:**

1884, HERMAN D. GRADON, U.S. DEPUTY SURVEYOR, SUBDIVIDED THE TOWNSHIP UNDER GENERAL LAND OFFICE CONTRACT NO. 499.

1902, CHAS. M. FOSTER, U.S. DEPUTY MINERAL SURVEYOR, TIED TO THE CORNER OF SECTIONS 21, 22, 27 & 28 WHILE SURVEYING BUTCHER BOY CONSOLIDATED QUARTZ MINE (MINERAL SURVEY NO. 459) AND BLUEBIRD & LITTLE BLUE QUARTZ CLAIMS (MINERAL SURVEY NO. 460).

1904, JOHN HAGEL, U.S. DEPUTY MINERAL SURVEYOR, SURVEYED QUEBEC FRACTION QUARTZ CLAIM (MINERAL SURVEY NO. 616) AND TIED THE CORNER OF SECTIONS 21, 22, 27 & 28 AND CORNER NO. 2 OF BUTCHER BOY LOAD (M.S. NO. 459). HAGEL ALSO SURVEYED THE PARSONS GROUP (MINERAL SURVEY NO. 603) & THE QUEBEC MINE (MINERAL SURVEY NO. 617) WHICH ALSO TIED THE CORNER OF SECTIONS 21, 22, 27 & 28 AT THIS TIME.

1908, IRA L. HOFFMAN, U.S. DEPUTY MINERAL SURVEYOR, TIED TO THE CORNER OF SECTIONS 21, 22, 27 & 28 WHILE SURVEYING THE QUEBEC MILLSITE (MINERAL SURVEY NO. 709).

1968, JAMES H. HAMBLETON, REGISTERED LAND SURVEYOR NO. 645, REMONUMENTED THE CORNER OF SECTIONS 21, 22, 27 & 28 FROM ORIGINAL EVIDENCE.

1978, WILLIAM R. WELLS, REGISTERED LAND SURVEYOR 1106, REMONUMENTED THE CORNERS OF QUEBEC FRACTION (MINERAL SURVEY NO. 616) & BUTCHER BOY (MINERAL SURVEY NO. 459) CLAIMS FROM ORIGINAL EVIDENCE (GRANT COUNTY MAP SURVEY NO. 537).

1982, JAMES W. PROCHNAU, REGISTERED LAND SURVEYOR NO. 1305, PERPETUATED THE CORNER OF SECTIONS 21, 22, 27 & 28 WHILE SURVEYING BUTCHER BOY (MINERAL SURVEY NO. 459) & QUEBEC MINE (MINERAL SURVEY NO. 617) CLAIMS AND THE QUEBEC MILLSITE (MINERAL SURVEY NO. 709) (GRANT COUNTY MAP SURVEY NO. 740).

**PROCEDURES:**

THE DESCRIPTION UTILIZED TO LOCATE THE WILDERNESS BOUNDARY WAS OBTAINED FROM THE PERMANENT OPEN 2320 FILES LOCATED IN THE SUPERVISOR'S OFFICE OF THE UMATILLA NATIONAL FOREST LOCATED AT PENDLETON, OREGON.

AP-81 (#10) WAS LOCATED AT A POINT ON THE NORTH LINE OF MINERAL SURVEY NO. 616, 200 FEET WESTERLY OF AND PERPENDICULAR TO THE MAIN THREAD OF CLEAR CREEK AND AP-84 (#6) WAS LOCATED AT A POINT ON THE SOUTH LINE OF MINERAL SURVEY NO. 616, 200 FEET WESTERLY OF AND PERPENDICULAR TO THE CENTERLINE OF FOREST SERVICE ROAD NO. 1310 AS CALLED FOR IN THE WILDERNESS BOUNDARY DESCRIPTION.

THE SURVEY WAS CONDUCTED USING A TOPCON GTS-4 TOTAL STATION. THE BASIS OF BEARING FOR THIS SURVEY IS A GEODETIC INVERSE OF C/A CODE DIFFERENTIALLY CORRECTED GPS POSITIONS (LATITUDE & LONGITUDE) TAKEN AT THE CORNER OF SECTIONS 21, 22, 27 & 28 (#1) AND CORNER NO. 3 OF MINERAL SURVEY NO. 616 (#7).

BEARING TREES WERE TIED USING A WARREN-KNIGHT SURVEYOR'S COMPASS USING A MAGNETIC DECLINATION OF 19 1/2° EAST. DISTANCE MEASUREMENT WERE TAKEN AT SIDE CENTER ONE FOOT ABOVE THE ROOT CROWN AND DIAMETER'S WERE MEASURED AT BREAST HEIGHT. ALL NEW BEARING TREES ARE DOUBLE BLAZED AND HAVE A 3/4" BRASS WASHER STAMPED "RLS 2308" NAILED TO THE LOWER BLAZE NEAR THE "BT" SCRIBING.

THE PROPERTY BOUNDARY WAS MARKED BY ATTACHING METAL PROPERTY BOUNDARY SIGNS TO STEEL FENCE POSTS SET WITHIN ONE FOOT OF THE SURVEYED BOUNDARY. IN ADDITION METAL WILDERNESS BOUNDARY SIGNS WERE ATTACHED TO THE FENCE POSTS WERE THE GREENHORN UNIT OF THE NORTH FORK JOHN DAY WILDERNESS ABUTS THE PRIVATE PROPERTY.

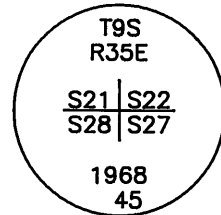
THE FIELD BOOK IS ON FILE AT THE SUPERVISOR'S OFFICE OF THE UMATILLA NATIONAL FOREST.

**#1  
CORNER OF SECTIONS 21, 22, 27 & 28**

FOUND A 1 1/4" IRON PIPE, WITH A 2 1/2" ALUMINUM CAP, PROJECTING 8" OUT OF THE GROUND, MARKED AS SHOWN, FROM WHICH:

17" DOUGLAS FIR, BEARS N 33 1/4° E, 16.1 FEET, SCRIBING "T9S R35E S22" "BT" VISIBLE ON A PARTIALLY HEALED DOUBLE BLAZE.  
20" DOUGLAS FIR BEARS S 63 1/2° E, 43.2 FEET, SCRIBING "T9" VISIBLE ON A SINGLE BLAZE.  
10" WESTERN LARCH BEARS S 5° W, 55.1 FEET, SCRIBING VISIBLE ON PARTIALLY HEALED UPPER BLAZE AND COMPLETELY HEALED LOWER BLAZE.  
10" DOWNED DOUGLAS FIR SNAG (S 60° W, 52 LINKS), SCRIBING VISIBLE ON SINGLE BLAZE.  
7" DOUGLAS FIR SNAG BEARS N 43° W, 11.2 FEET, SCRIBING "T9S R35E S21" "BT" ON DOUBLE BLAZE.

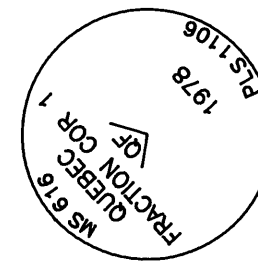
MARKED NEW BT:  
7" LODGEPOLE PINE BEARS N 8° W, 35.7 FEET, SCRIBED "T9S R35E S21" "BT".



**#2  
CORNER NO. 1 QUEBEC FRACTION (MINERAL SURVEY NO. 616)**

FOUND A 2 1/2" IRON PIPE, WITH A 3" BRASS CAP, PROJECTING 6" OUT OF THE GROUND, MARKED AS SHOWN, FROM WHICH:

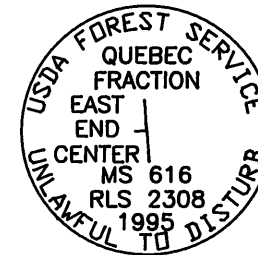
10" WINDTHROWN LODGEPOLE PINE SNAG (S 59 1/2° E, 28.6 FEET), SCRIBING "QUEB FRQ CL C1 616 BT" VISIBLE ON SINGLE BLAZE.  
14" WESTERN LARCH BEARS S 53° E, 51.9 FEET, SCRIBING VISIBLE ON PARTIALLY HEALED DOUBLE BLAZE.  
19" DOUGLAS FIR BEARS N 28 1/2° W, 26.9 FEET, SCRIBING "BT MS616 QF1" "BT" VISIBLE ON DOUBLE BLAZE WITH A 3/4" BRASS WASHER STAMPED "PLS 1106" NAILED TO THE LOWER BLAZE BY THE "BT" SCRIBING.



**#3  
EAST END CENTER QUEBEC FRACTION (MINERAL SURVEY NO. 616)**

FOUND THE DECAYED REMAINS OF THE CORNER POST, 3" BY 1' LONG, IN A 4" BY 30" DEEP POST HOLE. SET IN THE POST HOLE A 2 1/2" BY 30" ALUMINUM PIPE, WITH 3 1/4" ALUMINUM CAP, 23" IN THE GROUND MARKED AS SHOWN, FROM WHICH:

MARKED NEW BT'S:  
10" WESTERN LARCH BEARS N 43° E, 16.0 FEET, SCRIBED "MS616 EEC" "BT".  
9" LODGEPOLE PINE BEARS S 59 1/2° E, 11.9 FEET, SCRIBED "MS616 EEC" "BT".



**#4  
CORNER NO. 2 QUEBEC FRACTION (MINERAL SURVEY NO. 616)**

FOUND A 2 1/2" IRON PIPE, WITH A 3" BRASS CAP, PROJECTING 5" OUT OF THE GROUND & SURROUNDED BY A RING OF STONE, MARKED AS SHOWN, FROM WHICH:

10" WINDTHROWN LODGEPOLE PINE SNAG BEARS S 88° E, 13.0 FEET, SCRIBING "QUEB FRQ CL C2 616 BT" VISIBLE ON SINGLE BLAZE.  
9" WHITE FIR BEARS S 12 1/2° W, 25.2 FEET, SCRIBING "BT MS616 QF2" "BT" VISIBLE ON DOUBLE BLAZE (1978 BT).  
12" ENGLEMANN SPRUCE BEARS S 62° W, 20.0 FEET, SCRIBING "BT MS616 QF2" "BT" VISIBLE ON PARTIALLY HEALED DOUBLE BLAZE (1978 BT).

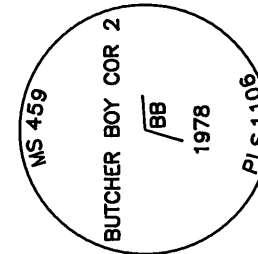


THE 1978 BT'S HAVE A 3/4" BRASS WASHER STAMPED "PLS 1106" NAILED TO THE LOWER BLAZE BENEATH THE "BT" SCRIBING.

**#5  
CORNER NO. 2 BUTCHER BOY (MINERAL SURVEY NO. 459)**

FOUND A 2 1/2" IRON PIPE, WITH A 3" BRASS CAP, PROJECTING 9" OUT OF THE GROUND & SURROUNDED BY A RING OF STONE, MARKED AS SHOWN, FROM WHICH:

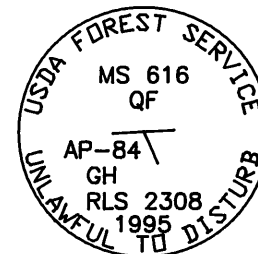
9" WINDTHROWN LODGEPOLE PINE SNAG (N 17°20' E, 19 FEET), SCRIBING "BUT BOY 2" VISIBLE ON PARTIALLY HEALED UPPER BLAZE AND WITH HEALED LOWER BLAZE.  
44" WESTERN LARCH BEARS S 16 1/4° E, 112.6 FEET, SCRIBING "BT MS459 BUT BOY 2" "BT" VISIBLE ON DOUBLE BLAZE, WITH A 3/4" BRASS WASHER STAMPED "PLS 1106" NAILED TO THE LOWER BLAZE BENEATH THE "BT" SCRIBING.  
8" WINDTHROWN LODGEPOLE PINE HIGH STUMP BEARS S 7 1/4° W, 19.8 FEET, SCRIBING "COR 2 459 BT" VISIBLE ON SINGLE BLAZE.  
13" WESTERN LARCH BEARS N 27 1/2° W, 16.1 FEET, SCRIBING "BT MS459 BUT BOY 2" VISIBLE ON PARTIALLY HEALED UPPER BLAZE AND WITH HEALED LOWER BLAZE.



**#6  
AP-84 GREENHORN UNIT OF NORTH FORK JOHN DAY WILDERNESS**

SET ON THE SOUTH LINE OF MINERAL SURVEY NO. 616 AT A POINT 200 FEET WESTERLY OF AND PERPENDICULAR TO THE CENTERLINE OF FOREST SERVICE ROAD NO. 1310, A 2 1/2" BY 30" ALUMINUM PIPE, WITH 3 1/4" ALUMINUM CAP, 24" IN THE GROUND, MARKED AS SHOWN, FROM WHICH:

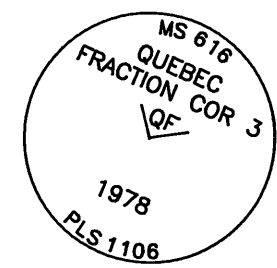
7" WESTERN LARCH BEARS S 48 3/4° E, 47.0 FEET, SCRIBED "WB/84" "BT".  
11" WESTERN LARCH BEARS S 11 1/4° W, 51.6 FEET, SCRIBED "WB/84" "BT".



**#7  
CORNER NO. 3 QUEBEC FRACTION (MINERAL SURVEY NO. 616)**

FOUND A 2 1/2" IRON PIPE, WITH A 3" BRASS CAP, PROJECTING 6" OUT OF THE GROUND, MARKED AS SHOWN, FROM WHICH:

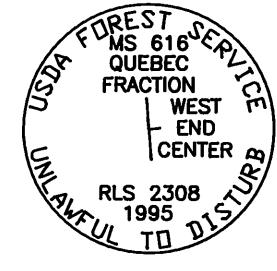
DOWN & DECAYED LODGEPOLE PINE BEARS N 71 1/2° W, 48.6 FEET, SCRIBING VISIBLE.  
27" WESTERN LARCH BEARS S 3 1/2° W, 55.0 FEET, SCRIBING "BT MS616 QF3" "BT" VISIBLE ON DOUBLE BLAZE.  
32" WESTERN LARCH BEARS S 48° W, 66.1 FEET, SCRIBING "BT MS616 QF3" "BT" VISIBLE ON DOUBLE BLAZE.



**#8  
WEST END CENTER QUEBEC FRACTION (MINERAL SURVEY NO. 616)**

FOUND THE BADLY DECAYED REMAINS OF THE CORNER POST IN A 5" DIAMETER POST HOLE. SET IN THE POST HOLE A 2 1/2" BY 30" ALUMINUM PIPE, WITH 3 1/4" ALUMINUM CAP, 24" IN THE GROUND MARKED AS SHOWN, FROM WHICH:

BADLY DECAYED LODGEPOLE PINE STUMP BEARS S 54 1/2° E, 18.6 FEET TO THE FACE, SCRIBING VISIBLE.  
10" WINDTHROWN LODGEPOLE PINE SNAG BEARS S 54° W, 25.2 FEET TO THE FACE, WITH THE SNAG LYING ON THE SCRIBED BLAZE.

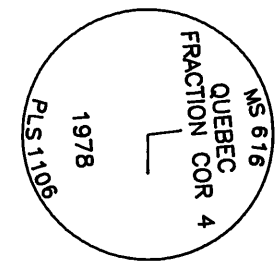


MARKED NEW BT'S:  
34" WESTERN LARCH BEARS S 25 1/2° W, 48.8 FEET, SCRIBED "MS616 QF WEC" "BT".  
8" LODGEPOLE PINE BEARS N 79 1/2° W, 28.2 FEET, SCRIBED "MS616 QF WEC" "BT".

**#9  
CORNER NO. 4 QUEBEC FRACTION (MINERAL SURVEY NO. 616)**

FOUND A 2 1/2" IRON PIPE, WITH A 3" BRASS CAP, PROJECTING 4" OUT OF THE GROUND, MARKED AS SHOWN, FROM WHICH:

30" WESTERN LARCH STUMP BEARS S 51 1/2° W, 34.5 FEET, SCRIBING "6 BT" VISIBLE ON REMAINS OF THE BLAZE.  
DECAYED WINDTHROWN LODGEPOLE PINE SNAG BEARS S 6 1/2° E, 24.0 FEET, WITH SCRIBING VISIBLE.  
29" WESTERN LARCH BEARS S 54° W, 21.4 FEET, SCRIBING "BT MS616 QF4" "BT" VISIBLE ON DOUBLE BLAZE (1978 BT).  
21" ENGLEMANN SPRUCE BEARS N 3° E, 86.7 FEET, SCRIBING "BT MS616 QF4" "BT" VISIBLE ON DOUBLE BLAZE (1978 BT).



THE 1978 BT'S HAVE A 3/4" BRASS WASHER STAMPED "PLS 1106" NAILED TO THE LOWER BLAZE NEAR THE "BT" SCRIBING.

**#10  
AP-81 GREENHORN UNIT OF NORTH FORK JOHN DAY WILDERNESS**

SET ON THE NORTH LINE OF MINERAL SURVEY NO. 616 AT A POINT 200 FEET WESTERLY OF AND PERPENDICULAR TO THE MAIN THREAD OF CLEAR CREEK, A 2 1/2" BY 30" ALUMINUM PIPE, WITH 3 1/4" ALUMINUM CAP, 28" IN THE GROUND, MARKED AS SHOWN, FROM WHICH:

8" WESTERN LARCH BEARS S 18 1/2° W, 57.9 FEET, SCRIBED "WB/81" "BT".  
6" WESTERN LARCH BEARS N 49° W, 38.5 FEET, SCRIBED "WB/81" "BT".



REGISTERED  
PROFESSIONAL  
LAND SURVEYOR

*David A. Schlaich*

OREGON  
JULY 16, 1987  
DAVID A. SCHLAICH  
2308

RENEWS 06/30/96

RECEIVED AND  
FILED  
NOV. 21, 1995

OFFICE OF COUNTY SURVEYOR

*Robert D. Baggett*  
ATTEST: *Jimmy Powell*