

**BASIS OF BEARINGS**

BAKER COUNTY SURVEY NO. 10-35-224

**NARRATIVE**

THIS SURVEY WAS PERFORMED AT THE REQUEST OF JEFF SMITH, BAKER COUNTY ROAD MASTER. THE PURPOSE OF THIS SURVEY WAS TO REMONUMENT CORNER 3 OF THE COLIN PIERCE QUARTZ MINING CLAIM, BEING MINERAL SURVEY 548. THE MONUMENT HAD BEEN INADVERTENTLY TORN OUT DURING SNOW PLOWING OPERATIONS.

A SEARCH WAS MADE OF THE AVAILABLE RECORDS PERTAINING TO THIS SURVEY. MINERAL SURVEY 548 WAS ORIGINALLY SURVEYED BY ARTHUR PHILBRICK IN SEPTEMBER, 1903, WHEREIN HE MONUMENTED THE SUBJECT CORNER. IN 1983, WILLIAM WELLS, PLS. UNDER CONTRACT WITH THE U.S. FOREST SERVICE, PERFORMED THE GREENHORN MINES CADASTRAL SURVEY, WHICH WAS RECORDED AS GRANT COUNTY MAP OF SURVEY NO. 809. DURING SAID SURVEY, HE RETRACED MS 548 AND REMONUMENTED THE CORNERS. THE MONUMENTATION SHEET FOR CORNER 3 WAS RECORDED AS BAKER COUNTY SURVEY NO. 10-35-195. IN 1987, AT THE REQUEST OF THE CITY OF GREENHORN, MR. WELLS COMPLETED AN EXTENSIVE SURVEY TO PLACE THE GREENHORN TOWNSITE AND SIM-TEE ADDITION. SEVERAL LOT AND BLOCK CORNERS WERE MONUMENTED, BUILDING UPON HIS PREVIOUS WORK FROM GRANT COUNTY SURVEY NO. 809. HIS 1987 SURVEY WAS FILED AS GRANT COUNTY MAP OF SURVEY NO. 1006 AND BAKER COUNTY SURVEY NO.'S 10-35-224 AND 10-35-225.

I MADE FIELD MEASUREMENTS TO LOCATE RECORD MONUMENTS SHOWN ON THE AFOREMENTIONED SURVEYS. SEVERAL MONUMENTS IN THE AREA WERE FOUND BENT, AND THEREFORE WERE NOT UTILIZED FOR CONTROL. I HELD THE FOUND MONUMENTS AT THE FOLLOWING CORNERS: THE SOUTH END CENTER OF COLIN PIERCE, THE NW CORNER LOT 5 BLOCK 3 OF SIM-TEE ADDITION, THE NW CORNER LOT 8 BLOCK 4 OF SIM-TEE ADDITION AND REPEAT CORNER 5. THE RELATIONSHIP OF THESE MONUMENTS WAS UTILIZED AS THE BASIS OF BEARINGS FOR THIS SURVEY. I ALSO FOUND BOTH BEARING TREES DOCUMENTED ON SURVEY NO. 10-35-195. NEW MEASUREMENTS WERE TAKEN TO THE TREES. DISTANCES WERE MEASURED TO A 50d NAIL SET IN THE SIDE-CENTER AT THE BASE OF EACH TREE. NEW BEARING TREE TAGS WERE ATTACHED OVER THE TOP OF THE ORIGINAL TAGS.

DURING THE REMONUMENTATION PROCESS AS I EXCAVATED THE HOLE FOR THE MONUMENT, I ENCOUNTERED BEDROCK AT A DEPTH OF ABOUT 20 INCHES. I DRILLED A 5/8" DIAMETER HOLE 6 INCHES INTO THE BEDROCK AND DROVE A 5/8"x15" IRON PIN TO FAILURE. I PLACED A 1 1/2"x20" GALVANIZED IRON PIPE WITH ATTACHED BRASS CAP OVER THE TOP OF THE PIN, AND BACK-FILLED AROUND THE PIPE TO TOP OF CAP.

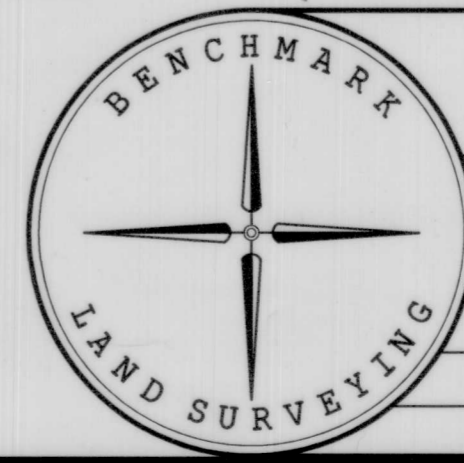
**REFERENCES**

- GRANT COUNTY MAP OF SURVEY NO.'S 809 & 1006
- BAKER COUNTY SURVEY NO.'S 10-35-195, 10-35-196, 10-35-224 AND 10-35-225
- G.L.O. FIELD NOTES FOR MINERAL SURVEY 548

**LEGEND**

- FOUND 2 1/2" ALUMINUM PIPE WITH 2 1/2" ALUMINUM CAP MARKED AS SHOWN, FROM GRANT COUNTY SURVEY NO. 809 AND MONUMENTATION SHEET FILED AS BAKER COUNTY SURVEY NO. 10-35-196
- FOUND 5/8" IRON PIN WITH ATTACHED YELLOW PLASTIC CAP MARKED "W.R. WELLS PLS 1106" FROM BAKER COUNTY SURVEY NO. 10-35-224 AND GRANT COUNTY MAP OF SURVEY NO. 1006
- FOUND 5/8" IRON PIN WITH ATTACHED 1/2" ALUMINUM CAP MARKED AS SHOWN, FROM BAKER COUNTY SURVEY NO.'S 10-35-224 & 10-35-225, AND GRANT COUNTY MAP OF SURVEY NO. 1006
- DRILLED AND SET A 5/8"x15" IRON PIN 6" IN BEDROCK, AND SET A 1 1/2" X 20" GALV. IRON PIPE WITH ATTACHED 2 1/2" BRASS CAP OVER THE TOP OF THE PIN. CAP IS MARKED AS SHOWN
- ★ FOUND BEARING TREE
- ( ) RECORD BEARING AND DISTANCE FROM MS 548
- [ ] RECORD BEARING AND DISTANCE FROM GRANT COUNTY MAP OF SURVEY NO. 1006 AND BAKER COUNTY SURVEY NO.'S 10-35-224 AND 10-35-225
- 1[ ] RECORD BEARING AND DISTANCE FROM BAKER COUNTY SURVEY NO. 10-35-195
- - - MINING CLAIM BOUNDARIES
- ① LOT NUMBER

REGISTERED PROFESSIONAL LAND SURVEYOR  
*Jason L. Hatfield*  
 OREGON  
 NOVEMBER 30, 2007  
 JASON L. HATFIELD  
 #69454  
 EXPIRES: 6/30/2019



BENCHMARK LAND SURVEYING  
 217 N. CANYON BLVD. JOHN DAY, OREGON  
 1207 DEWEY AVE., BAKER CITY, OREGON  
 541-575-1251 ~ 541-523-5852

**MAP OF SURVEY**  
 REMONUMENTATION OF CORNER 3 OF THE COLIN PIERCE QUARTZ MINING CLAIM (MINERAL SURVEY 548)  
 SITUATED IN THE SE 1/4 SECTION 9, T.10S., R.35E., W.M., CITY OF GREENHORN, BAKER COUNTY, OREGON

SURVEYED FOR	BAKER COUNTY ROAD DEPARTMENT	
SURVEYED BY	JLH	10/11/2017
SCALE: 1"= 20'	DRAWN BY: JLH	

FILED October 26, 2017  
 BAKER COUNTY SURVEYOR  
 SURVEY NO. 10-35-248