

**SIERRA NEVADA BREWING COMPANY**  
PILOT BREWHOUSE LOG

GRIST : MASH WATER RATIO 2.47

REW # 030 R DATE 02/20/09 TYPE Beer Camp 4 Ale BBL 10 °B 14.6 GRAIN TOTAL 607 Lbs.

Grist: Pale Malt 490 AMOUNT Special B 55 AMOUNT  
Silo 24 483 Castle (bag) 55  
Munich 70 AMOUNT Chocolate 6 AMOUNT  
Bag 63 Bag 6

MASH LIQUOR: GALLONS 245.2 MASH SALTS: CaSO<sub>4</sub> 100 g CaCl<sub>2</sub> 300 g

MASH H<sub>2</sub>O TEMP: 140/158 °F MASH TEMP: 156.4 °F SPARGE TEMP: 165 °F

MASH TIME: START 8:22 A.M./P.M. SET 8:36 AM A.M./P.M. MASH pH ✓ @ ✓ °C

IODINE TEST - @ - Minutes MASH OUT TIME: 58 Minutes or 1

CLARITY: 53 EBC BEGIN RUNOFF @ 10:18 AM A.M./P.M. RUNOFF TIME 1 hr. 18

FIRST RUNNINGS ✓ pH - @ - °C LAST RUNNINGS - pH - @ - °C

WK 2 % Full - Dip gallons - KETTLE SALTS  
CaSO<sub>4</sub> 70 g CaCl<sub>2</sub> 150 g

BOIL STARTS: 11:40 A.M./P.M.

HOPS: 1ST ADDITION: SUPPLIER: <u>Steiner</u>	TYPE <u>2008 Centennial</u>	LOT # <u>435-504E</u>
	QUANTITY <u>1.5</u>	Lbs @ <u>11:55</u> ✓
2ND ADDITION: SUPPLIER: <u>Steiner</u>	TYPE <u>2008 Centennial</u>	LOT # <u>435-504E</u>
	QUANTITY <u>2.0</u>	Lbs @ <u>12:25</u> ✓
3RD ADDITION: SUPPLIER: <u>Hop Union</u>	TYPE <u>2007 Willamette</u>	LOT # <u>277-C</u>
	QUANTITY <u>3.0</u>	Lbs @ <u>12:55</u> ✓
4TH ADDITION: SUPPLIER: <u>Hop Union</u>	TYPE <u>2007 Willamette</u>	LOT # <u>277-C</u>
	TYPE <u>NZ Hops</u>	LOT # <u>Sunrise</u>
	QUANTITY <u>3.5 / 3.5</u>	Lbs @ <u>1:05</u> ✓

ZINC 0.50 g Irish Moss 55 g KETTLE DIP GALLONS BEFORE KETTLE STRIKE -  
KETTLE STRIKE 1:05 IN WHIRLPOOL 1:15 A.M./P.M.

Whirlpool Dip Gallons x 0.96 = 326.4 gallons cold wort

HOT SANITIZE ✓ AIR 12 g/liter. PITCH TEMP 62.0 °F Trub Rinsed Out ✓

WORT PUMPED 10.5 BBL. WORT pH 5.11 @ 18 °C

SPECIAL INSTRUCTIONS: \*Beer Camp #4, tank conditioned. For last addition, willamette in kettle, hallertau in hop back.

Tank: P-06 - 2 BREWER'S COMMENTS: moved into P07 onto Dry hops on 2/23 : Magnum 2# us challenger 3# Brewers Gold 3#

Aerate This Brew?  
YES   
NO

Time of Pitch \_\_\_\_\_ Brink \_\_\_\_\_ Lbs. \_\_\_\_\_ Yeast Code \_\_\_\_\_

Cell Ct. \_\_\_\_\_ Dead \_\_\_\_\_ Tank Cell Ct (If Taken) \_\_\_\_\_