

**40<sup>th</sup> Annual Minnesota Iron Pour- April 17, 2009**

**Fire Lit- 9:00 am**  
**Burn @ Tuyeres- 10:55**  
**Burned in- 11:12**  
**Air on ½- 11:15**  
**Coke to Bed ht.- 11:23**  
**Air on full/ 1<sup>st</sup> charge- 11:35**  
**1<sup>st</sup> drops- 11:40**  
**Fast drops- 11:42 am**  
**Iron @ tap hole/botted up- 11:43am**  
**Total Weight Poured= 3700#**

**Each charge= 2.5# limestone**  
**1.5# FeSi**  
**3.0# Cu**  
**Coke used= 3- 55 gal drums @ 2.5" D**  
**Total number of molds= 151**  
**Guest Artists- George Beasley- GA,**  
**Laura Griffith- WA, Tom Joyce- NM,**  
**Coral Lambert- NY, Paul McMahill, NY**  
**Bed dropped- 5:10 PM**

<b>Chrg #</b>	<b>Wt.</b>	<b>Time</b>	<b>Tap time</b>	<b>Time twixt</b>	<b>Temp</b>	<b>Notes</b>	<b>Tapper</b>
1	250#	11:35	11:55	20 min.	2300 F		Beasley
2	300	12:00	12:20	20	2342		Gilbertson
3	300	12:25	12:45	20	2375	slag@ 17min	Lohaus
4	300	12:47	1:07	20	2375		Linden
5	300	1:10	1:35	25	2350	up coke/iron ratio	Dyrhaug
6	250	1:38	2:00	22	-	no reading	Lambert
7	250	2:02	2:25	23	2395		Lee
8	300	2:28	2:58	20	2401		Powers
9	300	2:52	3:13	21	2422		Williams
10	300	3:16	3:36	20	2438		Swartz
11	300	3:40	4:03	23	-	no reading	VanHouten
12	300	4:06	4:26	20	2420		Kelly
13	250	4:30	4:53	23	2364 F		Swartz

**MN Team 1**  
 Jennifer Nevitt\*  
 Nate Hays  
 Alan Slacter  
 Katie Kulzer  
**MN Team 5**  
 Mike Flynn. \*  
 Jennifer Anable  
 Nancy Franchette  
 Megan Daws

**MN Team 2**  
 Nick Dalager\*  
 Hilari Badow  
 Cat Pond  
 Jon Robbins  
**Mold Captains**  
*Inside-* Brittany Bailey  
*Outside-* Krista Cueller  
**Crane Ops**  
 Paul Gill  
 Inna Royzenfeld

**MN Team 3**  
 Fernanda Hart\*  
 John LaBarbara  
 Robert Schmoll  
 Vanessa Borotz  
**Big Ladle Team**  
 Derek Hill  
 Joe Herrick  
 Mark Biedrzycki  
 Keith Kaziak  
 Bart Vargas  
 Jim Williams  
**Muragi**  
 Wayne Potratz  
**Research Asst.**  
 Cait Mantych

**MN Team 4**  
 Ben Pederson\*  
 Stephanie Ricci  
 Alex Yaeger  
 Andy Binsfeld  
**Cupola Team**  
 Jane Powers  
 Joe Kelly III  
 Jeff Lohaus  
 Eric Sanford  
 Deetle Nelson  
 Paul Linden  
**Videographer**  
 Jen Haehnel  
**ShirtSales**  
 Mayumi Amada  
 Cait Mantych

**SW State U**  
 Jim Swartz\*  
 Larry Hubert  
 Clayton Hubert  
 Mike Hubert  
 Andy

**St. Cates**  
 Tamsie Ringler\*  
 Jess  
 Carissa  
 Coral Lambert  
 Mel Van Houten

**Visiting Artists-** Thomas Gipe- IL, Butch Jack-TX, Phil Fitzpatrick-TX, Kurt Dyrhaug-TX, Alex Wilds-SC, D. George Wright- WA, Melanie Van Houten- KY, Kelly Ludeking- MN Brad Hertko- MN, Bill Malo- CA, Tim Wilson- MN, Justin Peters- MN, Mike Bigger-MN, John Poole- MN. Tim Haritgan- MN, Jim Swartz- MN, Larry Hubert- MN, Clayton Hubert- MN, Tamsie Ringler- MN, Do Kyun Lee- TX

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**Wayne E. Potratz Professor; Joe Kelly III, TA**