





FRANK M. O'NEILL & CO.  
LIMITED  
COMPLETE OFFICE OUTFITTERS  
HALIFAX, N.S.  
INCORPORATED IN CANADA

Brewing Book (No. 1)  
1930-31.

OLAND & Son Ltd

Apr. 1, 1930 - Jan. 14, 1931





No. 1 Tun.

Be.

April 1/30.

Malt — 5000 lb. D. M. C. (2<sup>nd</sup> Car.)  
 Hops — 40 lb. Cal.; (20 lb. Boh. + 15 lb. B.C.); 20 lb. Kent.  
 6 S; 6 M; 2 Portene; 1.5 K. M. S.

Wash — $\frac{150}{37}$ lbs.	First run — 21.1%
Underlet — $\frac{20}{8}$ lbs.	Last " — 1.7%
Sparge — $\frac{170}{69}$ lbs; H. Sparge — $\frac{170}{1}$ lbs.	No. of Hbls used — 37
Tap Heat — 155°	8
	69
	<u>115</u>

Into Cop.	Out of Cop.	Balling.
15.5"	25"	13.7%

Racked — April 11/30  
 Final — 3.8%

Least — Off No. 115 Brew.



No. 2 Tun

Ale

April 2/30.

Malt - 5000 lbs. D. M. G. (2<sup>nd</sup> Car)Hops - (25 lb. Lolo & 15 Kent & B.C.); (20 Boko & 15 B.L.); 20 Kent.  
6 S.; 6 M.; 2 Poterene; 1.5 K. M. S.Mash -  $\frac{150^\circ}{37 \text{ lbs.}}$ Mash -  $\frac{210^\circ}{8 \text{ lbs.}}$ Sparge -  $\frac{174^\circ}{65 \text{ lbs.}}$ ; H. Sparge -  $\frac{174^\circ}{2 \text{ lbs.}}$ Tap Heat -  $155^\circ$ 

First run - 21.6 %

Last " - 1.6 %

No. of lbs. used - 37

8

68

2

---

115

Into Cop.

22

Out of Cop.

29

Balting.

14.2 %

Racked - April 12/30

Final - 4.3 %

Yeast - Off. No. 118 Brew.

No. 3 Tun.

Ale.

April 7/30

Malt — 5000 lb. D. M. G. (2<sup>nd</sup> Car)

Hops — (20 B.C. Kents &amp; 20 B.C.); (20 Bels &amp; 15 B.C.); 20 Yents.

6 S; 6 M; 2 Portene; 1.5 K.M.S.

Mash —  $\frac{150}{37.44}$ Undislet —  $\frac{310}{8.64}$ Sparge —  $\frac{120}{6.74}$ ; 2 Sparge —  $\frac{120}{1.74}$ 

Tap Heat — 15.5°

First run — 21.7%

Last " — 1.5%

No. of lbs. used — 37

8

69

115

Into Cop.

21.5"

Out of Cop.

28.5"

Balling.

14.7%

Racked — April 17/30

Final — 3.9%

Yeast — Off No. 117 Brew.



No. 4 Tun.

Ale.

April 8/30.

Malt — 5000 lbs. D. M. Co. (2<sup>nd</sup> lar)  
 Hops. — (20 B.C. Kent & 20 B.C.) ; (20 Boko & 15 B.C.) ; 20 Kents,  
 6 S ; 6 M ; 2 Pterene ; 1.5 X. M. S.

Mash —  $\frac{150^\circ}{36 \text{ lbs.}}$ Underlet —  $\frac{140^\circ}{1 \text{ lb.}}$ Sponge —  $\frac{120^\circ}{6 \text{ lbs.}}$  ; H. Sponge —  $\frac{120^\circ}{1 \text{ lb.}}$ Tap Heat —  $154^\circ$ 

First run — 21.5%

Last " — 1.7%

No. of lbs used — 36

8

69

114

Into Cop.

21"

Out of Cop.

27.5"

Balling.

14%

Racked — April 19/30

Final — 3.6%

Yeast — Off No. 117 Brew.

No 5 Sun

## Speckling ale

11<sup>th</sup> April 1930Malt 4500 lbs. (2<sup>nd</sup> Car.)

Hops. 20 B. C. (Kents), 20 B. C. 15 B. C. (Kents), 20 Kents

5# Salt, 6 Moss, 2 K. M. S.

Mash  $\frac{150}{32}$ Undilut  $\frac{210}{8}$ 

J. H. 154°

First run - 21.5%

Sfg  $\frac{170}{75.76}$ Hot Sfg  $\frac{170}{75.76}$ 

Last " - 1.2%

water

In C.

Out

Balling

Mash 32

21.5"

29.5"

~~11.1%~~

Undilut 8

13.1

Sfg 73

Hot Sfg 113.5

113.5

Racked - April 21/30

Final - 3.2%

Least - Off No. 2 Brew.



No. 6 Tun.

~~Sparkling Ale.~~

April 14/30.

Malt - 5000 lb. D. M. Co. (2<sup>nd</sup> Car)Hops - (15 B.C. Kent & 20 B.C.); (20 Bods. & 15 B.C.); 20 Kents.  
6 lb.; 6 M.; 15 K. M. S.; 2. PortuereWash -  $\frac{150^\circ}{36 \text{ lbs}}$ Underlet -  $\frac{210^\circ}{8 \text{ lbs}}$ Sparge -  $\frac{170^\circ}{19 \text{ lbs}}$ ; N. Sparge -  $\frac{170^\circ}{5 \text{ lbs}}$ 

Tap Heat - 154°

First run - 2.8%

Last " - 1.7%

No. of lbs. used - 36

8

69

5

1135

Into Cop.

20.5°

Out of Cop.

28

Balling.

14%

Racked - April 24/30

Final - 3.2%

Yeast - Off No. 3 Brew.

No. 1 Tun.

Sparkling Ale.

April 16/30.

Malt — 4500 lbs. O. M. Co. (2<sup>nd</sup> Cal.)

Hops — 20 B.C. Kent; (20 Boko &amp; 15 B.C.); 20 B.C.

5-l.; 6 Moss; 2 K. M. S.

Mash —  $\frac{150}{32}$  Hls.Underlet —  $\frac{210}{8}$  Hls.Sparge —  $\frac{170}{70}$  Hls.; W. Sparge —  $\frac{170}{2}$  Hls.

Lap Heat — 154°

First run — 21.4%

Last " — 1.6%

No. of Hls. used — 327

70

2

1125

Into Cop.

22.5

Out of Cop.

28.5

Balling.

13.7%

Racked — April 26/30.

Final — 3.2%

Least — Off No. Brew.



No. 2 Tun.

Sparkling Ale.

April 21/30.

Malt - 4500 lbs. D. M. Co. (2<sup>nd</sup> Car)Hops - 20 B. C. Kento; (20 Bobs & 15 B. C.); 20 B. C.  
5 S.; 6 M.; 2 X. M. S.Mash -  $\frac{150^\circ}{32 \text{ Hrs}}$ Wortlet -  $\frac{210^\circ}{8 \text{ Hrs}}$ Sparge -  $\frac{170^\circ}{7 \text{ Hrs}}$ ; 2. Sparge -  $\frac{170^\circ}{2 \text{ Hrs}}$ Cap Heat -  $154^\circ$ 

First run - 21.1%

Last " - 1.9%

No. of Hbs. used - 32

8

70

2

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112

Int. Cop.

22"

Out of Cop.

28.5"

Balling.

12.7%

Racked - April 30/30

Final - 2.5%

Least - Off No. 6 Brew.

No. 3 run.

Al.

April 22/30.

Malt — 5000 lbs. D. W. Co. (2<sup>nd</sup> Cor)Hops — (15 lb. B.C. Kent & 20 B.C. ~~Kent~~); (20 Bulo & 15 B.C.); 20 Kent.

C.S.; 6 M.; 1.5 K.M.S.; 2 Portene

Mash —  $\frac{150}{56}$  lbs.Wortlet —  $\frac{216}{8}$  lbs.Sparge —  $\frac{170}{69}$  lbs.; H. sparge —  $\frac{170}{65}$  lbs.

Tap Heat — 154°

First run — 21.7%

Least .. — 1.7%

No. of lbs. wet 36

5

69

.5

113.5

Into Cps.

20"

Out of Cps.

26.5"

Belling.

13.7%

Racked — May 1/30

Final — 2.6%

Least — Off No. 6 Brew.



No. 4 Tun.

Ale.

April 24/30

Malt - 5000 lbs. D. M. Co. (2<sup>nd</sup> Car.)Hops - (15 B. C. Kents & 15 B. C.); (20 Boh. & 15 B. C.); (20 Kents)  
6 S.; 6 M.; 1.5 K. M. S.; 2 Portene.Mash -  $\frac{150^\circ}{36 \text{ lbs.}}$ Underlet -  $\frac{210^\circ}{4 \text{ lbs.}}$ Sparge -  $\frac{170^\circ}{65 \text{ lbs.}}$ ; H. Sparge -  $\frac{170^\circ}{1 \text{ lb.}}$ Tap Heat -  $154^\circ$ 

First run - 21.9%

Last " - 2.1%

No. of lbs. used - 36

8

68

1

113

Into Cops.

21.5%

Out of Cops

27.5%

Balling.

13.8%

Racked - May 3/30

Final - 3.45%

Least - Off No. 7 Brew.



No. 5 Tun.

Ale.

April 28/30.

Malt - 5000 lb. D. M. Co. (2<sup>nd</sup> Car)Hops - (15 B.C. Kents & 20 B.C.) ; (20 Bels & 15 B.C.), 20 Kents, 1  
6 S.; 6 M.; 1.5 K.M.S.; 2 Portereene.Mash -  $\frac{150^\circ}{36 \text{ Hrs.}}$ Underlet -  $\frac{210^\circ}{8 \text{ Hrs.}}$ Sparge -  $\frac{170^\circ}{65 \text{ Hrs.}}$ ; 2. Sparge -  $\frac{170^\circ}{1 \text{ Hrs.}}$ 

Tap Heat - 15-H

First run - 21.5%

Last " - 27%

No. of Hls used - 36

8

68

112Into Cys.  
21.5"Out of Cys.  
27.5"Balling  
13.95%

Racked -

Final -

Yeast - Off No. 9 Brew.

May 3/30, 8.40 A.M., Temp. - 68.5°, Ball. - 3.75%

May 5/30, 9.20 " , " - 65° , " - 2.5%

May 6/30, 8.05 " , " - 63.5° , " - 2.5%

May 7/30, - Racked - " - 2.5%

No. 6 Jun.

Ale.

April 29/30.

Malt - 5000 lbs. P. M. Co. (2<sup>nd</sup> Car).Hops - (15 B.C. Kent & 20 B.C.) & (20 B.C. & 15 B.C.); 20 Kents.  
6 S; 6 M; 1.5 K. M. S.; 2 Potomac.Wash -  $\frac{150}{36}$  lbs.Undilut -  $\frac{410}{7}$  lbs.Sparge -  $\frac{120}{65}$  lbs.; 2 Sparge -  $\frac{170}{2}$  lbs.

Tap Heat - 154°

First run - 22%

Last " - 1.8%

No. of lbs. used - 36

68

2

114

Into Cop.

21.5"

Out of Cop.

28"

Balling

14.1%

Racked -

Final -

Yeast - Off No. 11 Brew.

May 3/30; 9.45 A.M.; Temp. - 69.8°; Ball. - 3.5%

- " 5/30, 9.25 " ; " - 66.5° ; " - 3%

" 6/30, 8.10 " ; " - 65.5° ; " - 3%

" 7/30, 1.15 P.M.; " - 61° ; " - 2.9%

" 8/30, Racked " - 2.9%



No. 7 Run

Ale

May 9/30  
Brew

Malt — 5000 lbs. D. M. Co. (No. 3 Car.), 1st Brew.  
 Hops — (15 D. C. Kent & 20 B. C.); (20 B. C. & 15 B. C.); 20 Kent's  
 6 S.; 6 H.; 1.5 X. M. S. & 2 Potions.

Mash —  $\frac{150^\circ}{37 \text{ Hrs.}}$ Underlet —  $\frac{20^\circ}{4 \text{ Hrs.}}$ Sparge —  $\frac{120^\circ}{67 \text{ Hrs.}}$ ; H. Sparge —  $\frac{170^\circ}{2 \text{ Hrs.}}$ Tap Heat —  $164^\circ$ 

First run — 22.5%

Last " — 1.8%

No. of Hrs. used — 37

8

67

2

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114Into Cop.  
22"Out of Cop.  
28.5"Balling.  
14.5%

Yeast — Off No. 11 Brew.

May 6/30 ; 8.15 A.M. ; Temp. —  $60^\circ$  ; Ball. — 14.7%" 7/30 ; 1.15 P.M. ; " —  $69.5^\circ$  ; " — 9.45%" 8/30 ; 8.15 A.M. ; " —  $69.5^\circ$  ; " — 7.3%" 9/30 ; 1.15 P.M. ; " —  $69.5^\circ$  ; " — 6.2%" 10/30 ; 7.45 A.M. ; " —  $69.5^\circ$  ; " — 6.7%" 12/30 ; 8.15 A.M. ; " —  $58^\circ$  ; " — 5.5%" 13/30 ; 8.10 A.M. ; " —  $62.5^\circ$  ; " — 5.2%" 14/30 ; Cracked " — 5.1%



No. 2 Tun

Ale.

May 6/30.

Malt - 5000 lbs. D. M. Co. (No. 3 Car)  
 Hops - (15 B.C. Kents & 20 B.C.); (22 Boko & 15 B.C.); 20 Kents.  
 6 S.; 6 M.; 1.5 N.M.S.; 2 Poterene.

Mash -  $\frac{150^\circ}{36 \text{ lbs.}}$ Mashlet -  $\frac{210^\circ}{9 \text{ lbs.}}$ Sparge -  $\frac{170^\circ}{69 \text{ lbs.}}$ ; A. sparge -  $\frac{170^\circ}{2 \text{ lbs.}}$ Tap Heat -  $150^\circ$ 

First run - 22.3%

Last " - 18.5%

No. of lbs used - 36

8

69

2

115Into Cop.  
21.5"Out of Cop.  
28"Balling  
14.4%

Least - Off No. 11 Brew.

May 7/30; 1.15 PM; Temp. -  $61^\circ$ ; Ball. - 13.5%  
 " 8/30; 8.15 A.M.; " -  $69^\circ$ ; " - 10.5%  
 " 9/30; 1.15 PM; " -  $69.5^\circ$ ; " - 4.8%  
 " 10/30; 7.45 A.M.; " -  $69.5^\circ$ ; " - 4.7%  
 " 12/30; 8.15 A.M.; " -  $65^\circ$ ; " - 3.4%  
 " 13/30; 8.15 A.M.; " -  $64^\circ$ ; " - 3.37%  
 " 14/30; 8.15 A.M.; " -  $62^\circ$ ; " - 3.85%  
 " 15/30; Racked; " - 3.3%

No. 3 Tun

Ab.

May 8/30.

Malt - 5000 lbs. D. M. Co. (No. 3 Car)  
 Hops - (15 B. Kent & 20 B. C.); (20 Boho & 15 B. C.); 20 Xento. 6  
 6 S; No moss; 1.5 N. M. S.; 2 Portene.

Mash -  $\frac{150^\circ}{3\frac{1}{2}Hh.}$   
 Angulet -  $\frac{3\frac{1}{2}Hh.}{8Hh.}$   
 Sparge -  $\frac{170^\circ}{69Hh.}$ ; H. sparg -  $\frac{170^\circ}{2Hh.}$   
 Tap Heat - 156

First run - 22.1%  
 Last " - 1.5%  
 No. of lbs. used - 377  
 8  
 69  
 2  
116

In to Cps.  
 20.5"

Out of Cps.  
 28"

Balling.  
 14.5%

Yeast - Off No. 12 Brew.

May 9/30 ; 1.15 P.M. ; Temp. - 69.5° ; Ball. - 13.5%  
 " 10/30 ; 7.45 A.M. ; " - 68.5° ; " - 10.5%  
 " 12/30 ; 8.15 A.M. ; " - 69° ; " - 5.3%  
 " 13/30 ; 8.15 A.M. ; " - 67.5° ; " - 4.46%  
 " 14/30 ; 8.15 A.M. ; " - 65° ; " - 4.2%  
 " 15/30 ; 8.15 A.M. ; " - 64° ; " - 3.9%  
 " 16/30 ; 5.30 P.M. ; " - 62° ; " - 4.2%  
 " 17/30 ; Racked ; " - 4.2%



No. 4 Tun.

Ale.

May 12/30.

Malt - 5000 lbs. D. M. Co. (3<sup>rd</sup> Car)Hops - (15 B.C. Xents & 20 B.C.); (20 Bobs & 15 B.C.); 20 Nuts  
68; No moss; 1.5 K. M. S.; 2 Porteneers.Mash -  $\frac{150}{36}$  Hls.Underlet -  $\frac{210}{9}$  Hls.Sparge -  $\frac{170}{70}$  Hls.; 2<sup>nd</sup> Sparge -  $\frac{170}{11}$  Hls.

Tap Heat - 154°

First run - 22.1%

Last " - 1.5%

No. of Hls. used - 36

8

70

115Into Cops.  
19.5"Out of Cops.  
27"Balling.  
14.3%

Yeast - Off No. 14 Brew.

May 13/30; 9.15 AM; Temp. - 61°; Balling. - 13.5%

" 14/30; 8.15 AM; " - 67.5°; " - 10.2%

" 15/30; 8.15 AM; " - 69.5°; " - 5.7%

" 16/30; 5.30 PM; " - 69.5°; " - 4.4%

" 17/30; 8.15 AM; " - 68°; " - 4.4%

" 19/30; 7.45 AM; " - 68°; " - 4.0%

" 20/30; 1.15 PM; " - 68.5°; " - 4.0%

" 21/30; Racked; " - 3.85%



No. 5 Tun.

Ale.

May 13/30.

Malt - 5000 lbs. D. M. C. (3<sup>rd</sup> Car)Hops - (15 B.C. Kents & 20 B.C.); (20 Boho. & 15 B.C.); 20 Kent 6  
6 S; 6 M; 1.5 X. M. S.; 2 Portwine.Mash -  $\frac{150^\circ}{36 \text{ Hrs.}}$ Underlet -  $\frac{210^\circ}{8 \text{ Hrs.}}$ Sparge -  $\frac{170^\circ}{70 \text{ Hrs.}}$ ; 2. Sparge -  $\frac{170^\circ}{3 \text{ Hrs.}}$ Tap Heat -  $154^\circ$ 

First run - 22.3%

Last " - 1.4%

No. of Hls. used - 367

8

70

2

116

Into Cops

20 "

Out of Cops

27 "

Balling.

14.25%

Least - Off No. 15 Brew.

May 14/30 ; 8.15 A.M. ; Temp. -  $60^\circ$  ; Balling - 13.65%" 15/30 ; 8.15 A.M. ; " -  $63^\circ$  ; " - 12.5%" 16/30 ; 5.30 P.M. ; " -  $69.5^\circ$  ; " - ~~8.5%~~ 7%" 17/30 ; 8.15 A.M. ; " -  $70^\circ$  ; " - 7.4%" 19/30 ; 7.45 A.M. ; " -  $69^\circ$  ; " - 6%" 20/30 ; 1.15 P.M. ; " -  $68.5^\circ$  ; " - 5.6%" 21/30 ; 1.30 P.M. ; " -  $67^\circ$  ; " - 5.2%" 22/30 ; 8.15 P.M. ; " -  $63^\circ$  ; " - 5.1%" 23/30 ; 1.30 P.M. ; Backed ; " - 5%

No. 6 Tun.

Stout.

May 14/30.

Malt - 4000 lbs. P. M. C. (3<sup>rd</sup> var) & 200 lbs. B. Barley.  
 Hops - 30 lb. ~~P. C. K.~~ B. C. K.; 30 Bohs.; 20 B. C. C.  
 H. S.; 4 M.; 2.5 K. M. S.; G. root - 4 lb.; C. root - 3 lb.  
 S. root - 2 lb.; Porterene - 90 lbs.

Wash -  $\frac{150}{30}$  lbs.Washlet -  $\frac{210}{8}$  lbs.Sparge -  $\frac{120}{54}$  lbs.; 2<sup>d</sup>. Sparge -  $\frac{170}{2}$  lbs.

Tap Heat - 154

First run - 21.8%

Last " - 2.35%

No. of lbs. used - 31

5

2

54

95Into Cop.  
33.5"Out of Cop.  
41"Balling.  
15.3%Yeast - From Keith's - ~~Good~~.

May 15/30 ; 8.15 A.M. ; Temp. - 60° ; Balling - 15%  
 " 16/30 ; 5.30 P.M. ; " - 65° ; " - 12.4%  
 " 17/30 ; 8.15 A.M. ; " - 68.5° ; " - 10.6%  
 " 19/30 ; 7.45 A.M. ; " - 70° ; " - 7.1%  
 " 20/30 ; 1.15 P.M. ; " - 68.5° ; " - 6.2%  
 " 21/30 ; 1.30 P.M. ; " - 67° ; " - 6%  
 " 22/30 ; 8.15 A.M. ; " - ~~~~~ ; " - 5.7%  
 " 23/30 ; 1.30 P.M. ; " 61° ; " - 5.7%  
 " 24/30 ; ~~~~~ Racked ~~~~~ ; " - 5.7%



No 1 Tun.

Ale.

May 15/30.

Malt - 5000 lbs. D. M. Co. (3<sup>rd</sup> Car)  
 Hops - (15 B.C. Kents & 20 B.C.); (20 B.C. & 15 B.C.); 20 Kents, 10  
 6 S; 6 M; 1.5 K. M. S; 2 Porteusene.

Mash -  $\frac{150}{37}$  lbs.  
 Underlet -  $\frac{20}{8}$  lbs.  
 Sparge -  $\frac{120}{69}$  lbs.; 2. Sparge -  $\frac{120}{2}$  lbs.  
 Cap Heat - 154

First run - 27.7%  
 Last " - 7.6%  
 N. of lbs. used - 377  
 8  
 69  
 2  
 118

Into Cap.  
 19.5 "

Out of Cap.  
 27.5 "

Balling.  
 14.7%

Yeast - From Keith's.

May 16; 5.30 P.M.; Temp. - 60°; Balling - 13.5%  
 " 17/30; 8.15 A.M.; " - 61°; " - 13.15%  
 " 19/30; 7.45 A.M.; " - 68°; " - 8.6%  
 " 20/30; 1.15 P.M.; " - 70°; " - 5.6%  
 " 21/30; 1.30 P.M.; " - " ; " - 4.7%  
 " 22/30; 8.15 A.M.; " - " ; " - 4.3%  
 " 23/30; 1.30 P.M.; " - " ; " - 3.85%  
 " 26/30; " Racked " - 3.6%

No. 2 Tun.

Alc.

May 19/30.

Malt - 5000 lbs. D. M. Co. (3<sup>rd</sup> Car)  
 Hops - (15 B.C. Xents & 20 B.C.); (20 Boko & 15 B.C.); 20 Xents,  
 6 S.; 6 M.; 1.5 K. M. S.; 2 Portene.

Wash -  $\frac{100}{32}$  lbs.Undislet -  $\frac{2}{100}$  lbs.Sparg -  $\frac{170}{9}$  lbs.; S. Sparg -  $\frac{170}{1}$  lbs.

Pap Beat - 156

First run - 21.6%

Last " - 1.5%

No. of Hlls. used - 37

5

69

1

115Into Cop.  
20 "Out of Cop.  
26.5 "Balling.  
14.1 %

Least - From Nelson's, Montreal.

May 20/30 ; 1.15 P.M. ; Temp - 60° ; Balling - 13.5%  
 " 21/30 ; 1.30 P.M. ; " - 63.5 ; " - 11.7%  
 " 22/30 ; 9.15 A.M. ; " - 68° ; " - 9.1%  
 " 23/30 ; 1.30 P.M. ; " - 69° ; " - 6.1%  
 " 26/30 ; 9.15 A.M. ; " - 69.5° ; " - 3.3%  
 " 27/30 ; 9.15 A.M. ; " - — ; " - 3%  
 " 28/30 ; Racked ; " - 3%



No. 3 Tun

Ale.

May 20/30.

Malt - 5000 lbs. D. M. Co. (3<sup>rd</sup> Car).

Hops - (15 B.C. Kent &amp; 20 B.C.); (20 Boh. &amp; 15 B.C.); 20 Kents &amp; 6 S.; 6 M.; 1.5 K.M.S.; 2 Porteneers.

Wash -  $\frac{150}{57}$  lbs.Undilut. -  $\frac{218}{8}$  lbs.Sparge -  $\frac{170}{62}$  lbs.; 2. Sparge -  $\frac{120}{111}$ 

Tap Heat - 155°

First run - 21.9%

Last run - 1.3%

No. of lbs. used - 377

5

69

1

115

Into Cops.

20"

Out of Cops.

27.5"

Balling

14.15%

Yeast - From Molson's, Montreal.

May 21/30 ; 1.30 P.M. ; Temp - 60° ; Balling - 13.2%

" 22/30 ; 8.15 A.M. ; " - 63° ; " - 12%

" 23/30 ; 1.30 P.M. ; " - 69° ; " - 7.8%

" 26/30 ; 8.15 A.M. ; " - 69.5° ; " - 3.5%

" 27/30 ; 8.15 A.M. ; " - 68° ; " - 3.2%

" 28/30 ; 1.15 P.M. ; " - 61.5° ; " - 3.1%

" 29/30 ; Racked ; " - 3.1%

No 4 Jun.

Ale.

May 22/30.

Malt - 5000 lb. D. M. C. (3<sup>rd</sup> car)  
 Hops - (15 B.C. Kent & 20 B.C.); (20 Bels & 15 B.C.); 20 Xents.  
 6 S; 6 M; 1.5 X.M.S.; 2 Potereene.

Mash -  $\frac{130}{4}$  lbs.  
 Underlet -  $\frac{210}{8}$  lbs.  
 Sparge -  $\frac{170}{70}$  lbs.; 2. Sparge -  $\frac{170}{5}$  lbs.  
 Tap Heat - 154°

First run - 21.87%  
 Last " - 1.55%  
 No. of Hlaused - 36  
 70  
 5  
 1145

Into Cops.  
 19"

Out of Cops.  
 25"

Balling.  
 13.87%

Least - Off No. 19 Brew.

May 23/30 ; 1.30 P.M. ; Temp - — ; Balling - 13%  
 " 26/30 ; 8.15 A.M. ; " — ; " - 3%  
 " 27/30 ; 8.15 A.M. ; " - 68° ; " - 2.7%  
 " 28/30 ; 1.15 P.M. ; " - 66.5° ; " - 2.4%  
 " 29/30 ; 1.0 A.M. ; " - 65° ; " - 2.4%  
 " 30/30 ; 1.30 P.M. ; " - 60.5° ; " - 2.4%  
 " 31/30 ; Racked ; " - 2.4%



No. 5 Run.

Ale.

May 26/30.

Malt - 5000 lbs. D. M. Co. (3<sup>rd</sup> Car.)Hops - (15 B.C. Kent & 20 B.C. 2); (20 Bobs & 10 B.C. 2); 20 Kent 1  
6 S; 6 M; 1.5 K.M.S.; 2 Porterene.Mash -  $\frac{150^\circ}{37 \frac{1}{2} \text{ lbs.}}$ Mash -  $\frac{210^\circ}{4 \frac{1}{2} \text{ lbs.}}$ Sparge -  $\frac{170^\circ}{59 \frac{1}{2} \text{ lbs.}}$ ; H. Sparge -  $\frac{170^\circ}{2 \frac{1}{2} \text{ lbs.}}$ Cap Heat -  $155^\circ$ 

First run - 21.9%

Last .. - 13.3%

No. of Gallons - 877

69

2

116

Into Cys.

20"

Out of Cys.

127"

Balling.

14%

Least - Off No. 20 Brew.

May 27/30; 8.15 A.M.; Temp -  $69.5^\circ$ ; Balling - 13.6%" 28/30; 1.15 A.M.; " -  $69.5^\circ$ ; " - 8.8%" 29/30; 10 A.M.; " -  $70^\circ$ ; " - 4.5%" 30/30; 1.30 A.M.; " -  $69^\circ$ ; " - 2.6%" 31/30; 7.45 A.M.; " -  $65^\circ$ ; " - 2.4%June 2/30; 7.45 A.M.; " -  $65^\circ$ ; " - 2.2%

" 4/30; 7.45 A.M.; Racked; " - 2.3%

No. 6 Tun.

Ale.

May 27/30.

Malt - 5000 lbs. D. M. Co. (344 Cans)  
 Hops - (15 B.C. Kent & 20 B.C.); (20 B.C. & 15 B.C.); 20 Kents.  
 6 S; 6 M; 1.5 X. M. S.; 2 Poterene.

Wash -  $\frac{150}{37}$  lbs.Underlet -  $\frac{210}{8}$  lbs.Sparge -  $\frac{170}{6}$  lbs.; H. Sparge -  $\frac{170}{2}$  lbs.

Tap Heat - 154°

First run - 2.8%

Last .. - 1.6%

No. of lbs. used - 37

5

69

2

116Into Cyp.  
20.5°Out of Cyp.  
28°Balling.  
14.4%

Least - Off No. 21 Brew.

May 28/30; 1.15 P.M.; Temp. — ; Balling - 13.5%

" 29/30; 10 A.M.; " - 69.5°; " - 9.4%

" 30/30; 1.30 P.M.; " - 69.5°; " - 4.2%

" 31/30; 7.45 A.M.; " - 68°; " - 2.8%

June 2/30; 7.45 A.M.; " - 68.5°; " - 2.1%

" 4/30; 7.45 A.M.; " - 59°; " - 2.5

" 5/30; 8.15 A.M.; " Rated " - 2.47%



No. 1 Jun.

Ale.

May 29/30

Malt - 5000 lbs. D. M. Co. (4<sup>th</sup> Car).Hops - (15 B.C. Kent & 20 B.C.) ; (20 Bohs & 15 B.C.) ; 20 Kent. 6  
6.8 ; 6 H. ; 1.5 K. M. S. ; 2 Portene.Wash -  $\frac{150}{37}$  lbs.Wrinklet -  $\frac{210}{116}$  lbs.Sparge -  $\frac{170}{69}$  lbs. ; 2 Sparge -  $\frac{170}{116}$  lbs.

Tap Heat - 15.5°

First run - 21.6%

Last " - 14.7%

No. of lbs. used - 377

5

67

2

---

116Into Cop.  
19.5"Out of Cop.  
27"Balling.  
14.7%

Yeast - Off No. 22 Brew.

May 30/30 ; Temp. - - ; Balling - 13.1%

" 31/30 ; 7.45 AM. ; Temp - 69° ; " - 9.2%

June 2/30 ; 7.45 AM. ; " - 69.5° ; " - 2.6%

" 4/30 ; 7.45 AM. ; " - 68° ; " - 2.1%

" 5/30 ; 8.15 AM. ; " - 68° ; " - 2%

" 6/30 ; 1.15 PM. ; " - 62° ; " - 2%

" 7/30 ; Racked ; " - 1.9%

No. 2 Run

Ale.

June 2/30.

Malt - 5000 lbs. P. M. C. (4<sup>th</sup> Car).  
 Hops - (15 B.C. Kents & 20 B.C. 2); (20 Bobs & 15  
 6S; 6M; 1.5 N. M. S.; & 2 Porterene.

Mash -  $\frac{15.0}{57}$  lbs.  
 Underlet -  $\frac{2.0}{57}$  lbs.  
 Sparge -  $\frac{17.0}{69}$  lbs.; H. Sparge -  $\frac{17.0}{2}$  lbs.  
 Pap Heat - 154°

First run - 22.5%  
 Last " - 1.4%  
 No. of lbs. used - 37  
 69  
 2  
 116

Into Cop.  
 20.5"

Out of Cop.  
 28

Balling.  
 14.3%

Least - Off No. 24 Brew.

June 4/30	; 7.40 A.M.	; Temp - 68°	; Balling - 11.1%
" 5/30	; 8.75 A.M.	; " - 70°	; " - 5.25%
" 6/30	; 1.15 P.M.	; " - 69.5°	; " - 2.9%
" 7/30	; 7.45 A.M.	; " - —	; " - 2.6%
" 9/30	; 8.15 A.M.	; " - 65°	; " - 2.4%
" 10/30	; 8.15 A.M.	; " - —	; " - 2.4%
" 11/30	; <u>Racked</u>		<u>- 2.4%</u>



No. 3 Run

Alc.

June 4/30

Malt - 5000 lbs. D. M. Co. (4<sup>th</sup> Car).

Hops - (15 B. C. Kent. &amp; 20 B. C.); (20 B. C. &amp; 15 B. C.); 20 Kent. C.S.; 6 M.; 1.5 K. M. S.; 2 Porterene.

Mash -  $\frac{150}{37}$  lbs.Undrilt -  $\frac{24}{4}$  lbs.Spray -  $\frac{120}{70}$  lbs.; 6. Spray -  $\frac{120}{2}$  lbs.

Cap Heat - 154

First run - 21.7%

Last - 1.47%

No. of lbs. used - 377

8

70

2

117Into Cap  
19.5"Out of Cap.  
25.5"Balling  
13.8%

Yeast - Off No. 24 Brew.

June 5/30	;	Temp - 61°	39.15 A.M.	;	Balling - 13.7%
" 6/30	;	" - 70.5°	1.15 P.M.	;	" - 6.8%
" 7/30	;	" - 70°	7.45 A.M.	;	" - 3.2%
" 9/30	;	" - 69°	8.15 A.M.	;	" - 1.6%
" 10/30	;	" -	8.15 A.M.	;	" - 1.65%
" 12/30	;	" - 58.5°	8.15 A.M.	;	" - 1.8%
" 13/30	;	<u>Racked</u>		;	" - <u>1.8%</u>

No. 4 Tun

Ale.

June 5/30

Malt - 5000 lbs. O. M. Co. (4<sup>th</sup> Car).  
 Hops - (15 B.C. Kents + 20 B.C. 12); (21 Boho + 15 B.C. 3); 20 Kents  
 6 S; 6 M; 1.5 X. M. S.; 2 Portreene.

Mash -  $\frac{150}{57}$  lbs.Underlet -  $\frac{245}{8}$  lbs.Sparge -  $\frac{170}{68}$  lbs.; X. Sparge -  $\frac{170}{11}$ 

Tap Heat - 155°

First run - 21.5%

Last " - 1.5%

No. of lbs. used - 37

5

69

115Into Cop.  
19.5"Out of Cop.  
26"Balling  
13.9%

Least - Off No. 25 Brew.

June 6/30	5	11:05 P.M.	;	Temp. -	;	Balling - 13.1%	
"	7:30	;	7:45 A.M.	;	" - 70°	;	" - 8.4%
"	9:30	;	8:15 A.M.	;	" - 70°	;	" - 2.35%
"	10:30	;	8:15 A.M.	;	" - 67.5°	;	" - 2.25%
"	12:30	;	8:15 A.M.	;	" -	;	" - 1.8%
"	13:30	;	8:15 A.M.	;	" - 59.5°	;	" - 1.7%
"	14:30	;	7:45 A.M.	;	" Racked	;	" - 1.7%



No. 5 Run.

Ale.

June 9/30

Malt - 5000 lbs. D. M. Co. (4<sup>th</sup> Car.)  
 Hops - (15 B. C. Kents & 20 B. C. ); (20 Bohls & 15 B. C. ); 20 Kent  
 6 S. ; 6 M. ; 1.5 K. M. S. ; 2 Portweev.

Mash -  $\frac{150^\circ}{2\text{ lbs.}}$ Wortlet -  $\frac{24}{2\text{ lbs.}}$ Spaige -  $\frac{170^\circ}{2\text{ lbs.}}$ ; L. Spaige -  $\frac{170^\circ}{2\text{ lbs.}}$ Tap Heat -  $155^\circ$ 

First run - 21.6%

Last - " - 1.4%

No. of lbs. used - 37

8

69

2

116

Into Cop.  
19.5"Out of Cop.  
27"Balling  
14.1%

Yeast - Off No. 26 Brew.

June 10/30	; 7.15 A.M.	; Temp. - 61°	; Balling - 14.1%
" 12/30	; 7.15 A.M.	; " - 69.5°	; " - 4.1%
" 13/30	; 8.15 A.M.	; " - 69°	; " - 2.3%
" 14/30	; 7.45 A.M.	; " - 61.5°	; " - 2.7%
" 16/30	; 7.45 A.M.	; " - 62°	; " - 1.8%
" 17/30	; 7.45 A.M.	; " - —	; " - 1.7%
" 18/30	; 7.15 P.M.	- Racked	3 " - 1.7%

No. 6 Turn

Sparkling Ale.

June 10/30.

Malt - 4500 lbs. D. M. Co. (4<sup>th</sup> Car)

Hops - 20 B. C. Kents; 10 B. C. (10 B. C.); 20 B. C.

S.S.; 6 M.; 2 K. M. S.

Mash -  $\frac{100}{32}$  lbs.Unbolt -  $\frac{20}{8}$  lbs.Sparge -  $\frac{170}{70}$  lbs.; H. Sparg -  $\frac{170}{2}$  lbs.

Cap Heat - 156°

First run - 20.5%

Last - 1.2%

No. of lbs. used - 32

70

2

112Into Cyp.  
21.5"Out of Cyp.  
30"Balling  
13.8%

Yeast - Off No. 27 Brew.

June 12/30 ; 8.15 A.M. ; Temp. - 69.5° ; Balling - 8.3%

" 13/30 ; 8.15 A.M. ; " - 69.5° ; " - 3%

" 14/30 ; 7.45 A.M. ; " - 69° ; " - 1.9%

" 16/30 ; 7.45 A.M. ; " - 63° ; " - 1.5%

" 17/30 ; 7.45 A.M. ; " - 60.5° ; " - 1.6%

" ~~19/30~~ ; 7.45 A.M. ; Racked - " - 1.5%



No. 1 run

Sparkling Ale

June 12, 1930

Malt - 4500 lbs D. M. Co.

Hops - 20 B. C. Kents., (20 Bobs., 15 B. C.) 20 B. C.

5-S; 6 M; 2 K. M. S.

Mash  $\frac{150^\circ}{32}$  lbs.  
 Underlet  $\frac{210^\circ}{8}$  lbs.  
 Sparge  $\frac{170^\circ}{71}$  lbs. Hop Sparge  $\frac{170^\circ}{1}$  lb.  
 Tap Heat -

1st Run - 21.2%  
 2nd " - 1.2%  
 No. of bbls. used -  
 32  
 8  
 71  
 1  
 112

Into Cap.      Out of Cap.      Balling  
 21.2%      20.9%      13%

Yeast - Off No 28 Brew

June 13/30 ; 9.15 A.M. ; Temp. - ; Balling - 12.5%  
 " 14/30 ; 7.45 A.M. ; " - 69.5° ; " - 7.5%  
 " 16/30 ; 7.45 A.M. ; " - ; " - 1.9%  
 " 17/30 ; 7.45 A.M. ; " - 65° ; " - 1.7%  
 " 19/30 ; 7.45 A.M. ; " - 59° ; " - 1.5%  
 " 20/30 ; 10.00 A.M. ; " Rashed ; " - 1.6%

No. 2 Inn.

Stouts

June 13/30.

Malt - 4000 D. M. Co. (4<sup>th</sup> Bar) & 200 D. Barby.  
 Hops - 30 B.C. Kents; 30 Oregons; 20 Kents.  
 4 S.; 4 M.; 2.5 K.M.S.; L. root - 4; C. root - 3;  
 L. root - 2; Lochrene - 90.

Wash -  $\frac{150}{3 \text{ bbls.}}$ Underlet -  $\frac{210}{2 \text{ bbls.}}$ Sparg -  $\frac{170}{5 \text{ bbls.}}$ ; 2 Sparg -  $\frac{170}{2 \text{ bbls.}}$ 

Cap heat - 155

First run - 20.9%

Last " - 2.5%

No. of bbls. used - 31

8

54

2

75Inb. Cap.  
33"Out of Cap.  
40.05"Balling.  
15%

Least - Off No 29 Brew.

June 14/30	; 7.45 A.M.	; Temp. -	; Balling - 14.1%
" 16/30	; 7.45 A.M.	; " - 69.5°	; " - 6.4%
" 17/30	; 7.45 A.M.	; " - 69.5°	; " - 4.5%
" 19/30	; 7.45 A.M.	; " - 65.5°	; " - 3.3%
" 20/30	; 10.00 A.M.	; " - 62.0°	; " - 3.1%
" 21/30	; 7.45 A.M.	; - Racked -	; " - 3.1%



No. 3 run.

Alc.

June 16/30.

Malt - 5000 lb. D. M. Co. (Htt Car)  
 Hops - (10 B.C. Kent & 20 Oregon); (20 Bolo & 15 Oregon); 20 Kent  
 6L; 6 M.; 1.5 K. M. S.; & 2 Paracene.

Wash -  $\frac{1.50}{36}$  lbs.Mash -  $\frac{2.10}{416}$ Sparg -  $\frac{1.75}{70}$  lbs. & H. Sparg -  $\frac{1.75}{216}$ 

Cap Heat - 154

First run - 21.2%

Last " - 1.1%

No. of lbs. used - 36

8

70

2

116Into Cap.  
20"Out of Cap.  
36.5"Balling  
13.7%

Yeast - Off No. 29 Brew.

Date	Time	Temp.	Balling
June 17/30	7.45 A.M.	-	13.3%
" 19/30	7.45 A.M.	- 69.5°	- 3.4%
" 20/30	10.00 A.M.	- 63°	- 2.5%
" 21/30	7.45 A.M.	- 64°	- 2.1%
" 23/30	7.45 A.M.	- 63°	- 1.9%
<u>Racked</u> " 24/30	8.30 A.M.	- 59°	- <u>1.8%</u>

No. 4 Jun.

Alc.

June 17/30.

Malt - 5000 lbs. O. M. Co. (4<sup>th</sup> Car).  
 Hops - (15 B. Kent & 20 Oregon); (20 Bolo. & 15 Oregon); 20 Kent  
 6 S; 6 N.; 1.5 K. M. S.; 2 Puterens.

Mash -  $\frac{150}{30}$  lbs.Mash -  $\frac{270}{30}$  lbs.Sparge -  $\frac{120}{70}$  lbs.; 2 Sparge -  $\frac{120}{30}$  lbs.

Spat - 154

First run - 21.2%

Spat - " - 1.4%

No. of lbs. used - 36

8

70

2

116

Int. Cop.

19.5

Out. of Cops.

26.5

Balling.

13.9%

Yeast - Off No. 30 Brew.

June 19/30; 7.45 A.M.; Temp. - 69.5°; Balling - 9.65%  
 June 20, 1930; 10.00 A.M.; Temp. - 70°; Balling 4.2%  
 " 21/30; 7.45 A.M.; " - 69°; " - 2.6%  
 " 23/30; 7.45 A.M.; " - 67.5°; " - 2%  
 " 24/30; 8.30 A.M.; " - 62.5°; " - 1.87%  
 " 25/30; Stacked; " - 1.87%



No. 5 Run.

Ale.

June 19/30.

Malt - 5000 lbs. D. M. Co & C. M. Co (From Keith D.)  
 Hops - (15 B.C. Kents & 20 Oregons); (20 Bohs & 15 Oregons); 20 Kents.  
 6S; 6M; 1.5 N. M. S.; 2 Rotgreen.

Wash -  $\frac{150}{36}$  lbs.  
 Underlet -  $\frac{170}{8}$  lbs.  
 Sparge -  $\frac{170}{7}$  lbs. 50% Sparge -  $\frac{170}{5}$  lbs.  
 Tap Heat - 155°

First run - 21.5%  
 East " - 1.3%  
 No. of lbs. used - 36.  
 8.  
 70.  
 .5  
 114.5

Into Cop.  
 19.5°

Out of Cop.  
 26.5°

Balling  
 13.9%

East - Off No. 31 Brew.

June 20, 1930; 10.00 A.M.; Temp. - 61°; Balling - 13.45%  
 " 21/30; 7.45 A.M.; " - 70°; " - 9.7%  
 " 23/30; 7.45 A.M. ; " - 69.5°; " - 2.3%  
 " 24/30; 8.50 A.M.; " 63.0°; " - 2.1%  
 " 25/30; 7.45 A.M.; " - 62°; " - 2%  
 " 27/30; 8.00 A.M. Racked 58.5°; " - 1.8%  
 " 28/30; 7.45 A.M.; Racked; " - 1.7%

No. 6 Tun

Ale

June 20, 1930

Malt - C. M. Co. 5000 lbs.

Hops - 15 B.C. Kent + 20 Oregon; 20 Boh's + 15 Oregon; 20 Kent.  
#6 S; 6 M; 1.5 H. M. S., 2 Portereene.Mash  $\frac{150^\circ}{37}$  bbls.Underlet  $\frac{210}{8}$  bblsSparge  $\frac{120^\circ}{69}$  bbls. Hop sparge  $\frac{170^\circ}{2}$  bbls

First Run = 21.1%

Last Run = 1.8%

Water 37

8

69

2

In to Cop.	Out of Cop.	Balling
20 1/2"	28"	14.2%

Total 116

Yeast - Off No. 33 Brew

June 21/30	; 7.45 A.M.	; Temp. - 60°	; Balling - 13.7%
" 23/30	; 7.45 A.M.	; " - 69.5°	; " - 3.4%
" 24/30	; 8.30 A.M.	; " 68.5°	; " - 2.3%
" 25/30	; 7.45 A.M.	; " - 66°	; " - 2.1%
" 28/30	; 7.45 A.M.	; " Racked	; " - 1.7%



No 1 Tun

Ale

June 24, 1930

Malt - 5000 lbs. O.M. Co. (5<sup>th</sup> Car)  
 Hops - 15 B.C. Kents & 20 Oregon; 20 Boh's & 15 Oregon; 20 Kents  
 6 S; 6 M; 15 K.M.S., 2 Postecene

Mash  $\frac{150^\circ}{37 \text{ bbls.}}$ Underlet  $\frac{210^\circ}{8 \text{ bbls.}}$ 

First Runs = 21%

Last Runs = 14%

Sparge  $\frac{170^\circ}{69 \text{ bbls.}}$ Nap Sparge  $\frac{170^\circ}{2 \text{ bbls}}$ 

Water = 27

= 8

= 69

= 2

In to Cap.	Out of Cap.	Balling.
20	27	14.05%

Total 116

Yeast - Off No. 34 Brew.

June 25/30 ; 7.45 A.M. ; Temp. - 61° ; Ball. - 13.6%  
 " 28/30 ; 7.40 A.M. ; " - 69.0° ; " - 2.7%  
 " 30/30 ; 7.45 A.M. ; " - 63° ; " - 2.1%  
 July 2/30 ; 7.40 A.M. ; Racked ; " - 1.8%

No 2 Run

Ale.

June 25/30.

Malt - 5000 lbs. D. M. Co. (5<sup>#</sup> Car).Hops - (15 B.C. Kents & 20 Oregon); (20 Bobs & 15 Oregon); 20 Kents.  
6 lb. ; 6 M. ; 1.5 K. M. S. ; 2 Portereene.Mash -  $\frac{130^{\circ}}{37 \frac{1}{2} \text{ lbs.}}$ Underlet -  $\frac{310^{\circ}}{\text{lbs.}}$ Sparge -  $\frac{170^{\circ}}{59 \frac{1}{2} \text{ lbs.}}$ ; D. Sparge -  $\frac{170^{\circ}}{\text{lbs.}}$ 

Cap Heat - 156

First run - 21.2%

Last " - 1.4%

No of bbls used - 37

8

69

115Int. Cop.  
19.5"Out. Cop.  
26"Balling.  
13.9%

Least - Off No. 35 Crew.

June 28/30 ; 7.45 A.M. ; Temp. - 70° ; Balling - 3.5%

" 30/30 ; 7.45 A.M. ; " - 65.5° ; " - 2%

July 2/30 ; 7.45 A.M. ; " - 60° ; " - 1.8%

" 3/30 ; 7.15 A.M. ; "~~Backed~~ - " - 1.7%



No 3 9<sup>am</sup>

Ule

June 26, 1930

Malt 5000 lbs. P. M. Co. (5<sup>th</sup> Car.)

Hops - 15 B.P. Kents &amp; 20 Oregon; 20 Bobs &amp; 15 Oregon; 20 Kents

6 S., 6 M., 1.5 H.M.S., 2 Portene.

Mash  $\frac{1500}{37}$  lbsUnderlet  $\frac{210}{8}$  lbsSparge  $\frac{1700}{69}$  lbs; Hop Sparge -  $\frac{1700}{2}$  lbs.

Tap Heat - 155°

First Runs = 27.5%

Last Runs = 1.3%

Water = 37

8

69

2116

Into Cop.

Out of Cop.

Balling

20

26  $\frac{1}{2}$ 

13.95%

Yeast - Off No.

Brew

June 28/30; 7.45 A.M.; Temp. - ; Balling - 9.2%

" 30/30; 7.45 A.M.; " - 68.5°; " - 2.4%

July 2/30; 7.45 A.M.; " - 61°; " - 2%

" 3/30; 8.15 A.M.; " - 58.5°; " - 2%

" 4/30; 8.15 A.M.; Racked - ; " - 1.9%

no 4 Inn

Ale

June 27, 1930

Malt - 5000 lbs. C.M.Co. (5th Car).

Hops - 15 B.P. Kent & 20 Oregon; 20 Bohs. & 15 Oregon; 20 Kents.  
6 S., 6 M., 2 Porterene, 1.5 K.M.S.Mash  $\frac{150^\circ}{37 \text{ lbs.}}$ Underlet  $\frac{210^\circ}{8 \text{ lbs.}}$ Sparge  $\frac{170^\circ}{69 \text{ lbs.}}$ ; Hop Sparge  $\frac{170^\circ}{2 \text{ lbs.}}$ Tap Heat -  $155 \frac{1}{2}$ 

First Runs = 21.6%

Last " = 1.6%

Water = 37

8

69

2116Into Cop.  
19  $\frac{1}{2}$ Out of Cop.  
26  $\frac{1}{2}$ Balling  
13.75% 14%

Yeast-off No 36 Brew.

June 28/30 ; 7:45 A.M. ; Temp -  $61^\circ$  ; Balling - 13.6%" 30/30 ; 7:45 A.M. ; " -  $69.5^\circ$  ; " - 3.3%July 2/30 ; 7:45 A.M. ; " -  $64^\circ$  ; " - 1.8%" 3/30 ; 8:15 A.M. ; " -  $62^\circ$  ; " - 1.8%" 4/30 ; 8:15 A.M. ; " -  $60^\circ$  ; " - 1.8%" 5/30 ; ~~was~~ Racked ; " - 1.8%



No. 3 Run.

Ale.

June 30/30.

Malt - 5000 lbs. D. M. Co. (5<sup>th</sup> Car).Hops - (15 B. C. Hops & 20 Oregons); (20 B. C. & 15 Oregons); 20 Kents;  
6 L; 6 M; 1.5 K. M. S.; 2 Porterene.Mash -  $\frac{150^\circ}{57 \text{ lbs.}}$ Underlet -  $\frac{220^\circ}{4 \text{ lbs.}}$ Sparge -  $\frac{170^\circ}{69 \text{ lbs.}}$ ; 2 Sparge -  $\frac{170^\circ}{2 \text{ lbs.}}$ 

Tap Heat - 154

First run - 21.1%

Last " - 1.3%

No. of lbs. used - 57

8

69

2

116Into Cys.  
20°Out of Cys.  
27°Balling  
14%

Yeast - Off No. 37 Brew.

July 2/30; 7.45 A.M.; Temp. - 68°; Balling - 10%

" 3/30; 8.15 A.M.; " - 68.5°; " - 4.6%

" 4/30; 8.15 A.M.; " - 69°; " - 2.3%

" 5/30; 7.45 A.M.; " - 61.5°; " - 2%

" 7/30; 8.15 A.M.; " - 60.5°; " - 1.7%

" 8/30; - Racked - - - - -; " - 1.5%

No. 6 Tun.

Ab.

July 2/30.

Malt - 5000 lbs. D. M. Co. (5<sup>th</sup> Card)  
 Hops - (15) 30. kents & 20 Oregon; (20) Bohol & 15 Oregon; 20 kents  
 6 lb.; 6 M.; 15 K. M. S.; 2 Portereene.

Wash -  $\frac{150}{38}$  lbs.  
 Underlet -  $\frac{20}{20}$  lbs.  
 Sparge -  $\frac{170}{65}$  lbs.; 2. Sparge -  $\frac{114}{24}$  lbs.  
 Sap Heat -  $156^{\circ}$

First run - 21.1%  
 Last " - 1.6%  
 No. of lbs. used - 38  
 8  
 68  
 2  
 116

2 lb. Cop.  
 20 "

Out of Cop.  
 27 "

Balling -  
 14.3%

Yeast - Off N. 38 Brew.

July 3/30; 8.15 A.M.; Temp. -  $61^{\circ}$ ; Balling - 14%  
 " 4/30; 8.15 A.M.; " -  $69^{\circ}$ ; " - 9%  
 " 5/30; 7.45 A.M.; " -  $69^{\circ}$ ; " - 4.2%  
 " 7/30; 8.15 A.M.; " -  $67^{\circ}$ ; " - 2.2%  
 " 8/30; 1.45 P.M.; " -  $63^{\circ}$ ; " - 1.9%  
 " 9/30; 8.15 A.M.; " -  $59.5^{\circ}$ ; " - 1.8%  
 " 10/30; --- Racked ---; " - 1.9%



No. 1 Run.

Ale.

July 3/30.

Malt - 5000 lbs. D. K. C. (5<sup>th</sup> Car).  
 Hops - (15 B.C. Kent & 20 Oregon); (20 Bolo & 15 Oregon); 20 kents.  
 68; 6 M.; 15 K. M. S.; 2 Poterone.

Wash -  $\frac{150}{37}$  lbs.  
 Unblest -  $\frac{314}{8}$  lbs.  
 Sparge -  $\frac{470}{89}$  lbs.; H. sparge -  $\frac{170}{2}$  lbs.  
 Tap heat - 156°

First run - 21%  
 Last " -  
 No. of lbs. used - 37  
 8  
 89  
 2  
 116

Into Cop.  
 20°

Out. of Cop.  
 26.5°

Boiling.  
 147°

Least - Off No. 38 & 39 Brews.

July 4/30; 8.15 A.M.; Temp. - 60.6°; Ball. - 13.8%  
 " 5/30; 7.45 A.M.; " - 58.5°; " - 9.8%  
 " 7/30; 8.15 A.M.; " - 69°; " - 2.5%  
 " 8/30; 1.45 P.M.; " - 66°; " - 1.9%  
 " 9/30; 8.15 A.M.; " - 62°; " - 1.7%  
 " 10/30; 8.15 A.M.; Racked -; " - 1.9%  
 " 11/30; 8.15 A.M.; Racked ; " - 1.8%

No. 2 Run.

Ale.

July 4/30.

Malt - 5000 lbs. P. M. Co. (5<sup>4</sup> Car.)  
 Hops - (15 B. C. Kents & 20 Oregon); (20 Bohol & 15 Oregon); 20 Kents.  
 6 S; 6 M; 1.5 K. M. S. & 2 Portene.

Mash -  $\frac{150}{37.44}$   
 Underlet -  $\frac{210}{7.116}$   
 Sparge -  $\frac{120}{49.116}$ ; S. Sparge -  $\frac{170}{2.116}$   
 Lap Beat - 15%

First run - 20.9%  
 Last " - 1.5%  
 No. of lbs. used 37  
 7  
 69  
 116

Into Cop.  
 19.5%

Out of Cop.  
 26.5%

Calling.  
 13.9%

Yeast - Off No. 39 Brew.

July 5/30 ; 7.45 A.M. ; Temp. - 61° ; Ball - 13.5%  
 " 7/30 ; 8.15 A.M. ; " - 69.5° ; " 12.7%  
 " 8/30 ; 1.45 P.M. ; " - 70° ; " - 3.9%  
 " 9/30 ; 8.15 A.M. ; " - 67° ; " - 3.7%  
 " 10/30 ; 8.15 A.M. ; " - 66° ; " - 3.5%  
 " 11/30 ; 8.15 A.M. ; " - 64° ; " - 3.4%  
 " 12/30 ; 7.45 A.M. ; Racked ; " - 3.4%



No. 37 run

Ale

July 7, 1930.

Malt - 5000 lbs. P. M. Co.

Hops - 15 B.C. Kents & 20 Oregon; 20 Bels. & 15 Oregon; 20 Kents.  
 6 S., 6 M.; 15 A. M.S., 2 Portersene.

Mash -  $\frac{150^\circ}{36 \text{ hls.}}$ Underlet -  $\frac{210^\circ}{8 \text{ hls.}}$ Sparge -  $\frac{170^\circ}{70 \text{ hls.}}$ ; H. Sparge -  $\frac{170^\circ}{1 \text{ hls.}}$ Tap Heat -  $153^\circ$ 

First Run - 21.4%

Last Run - 1.3%

Water - 36 bbls.

8 "

70 "

1 "

---

115 bbls.Into Cop.  
19.5"Out of Cop.  
22"Balling  
13.9%

Yeast - Off Nos. 41 &amp; 42 Brew.

July 8/30; 1.45 P.M.; Temp. -  $62^\circ$ ; Gall. - 13.9%  
 " 9/30; 8.15 A.M.; " -  $69^\circ$ ; " - 8.9%  
 " 10/30; 8.15 A.M.; " -  $71^\circ$ ; " - 3.2%  
 " 11/30; 8.15 A.M.; " -  $68.5^\circ$ ; " - 2.1%  
 " 12/30; 7.45 A.M.; " -  $66^\circ$ ; " - 1.9%  
 " 14/30; 8.15 A.M.; " -  $62^\circ$ ; " - 1.7%  
 " 15/30; 8.15 A.M.; Racked; " - 1.6%

No 4 Tun.

Ab.

July 9/30.

Malt - 5000 lbs. D. M. Co. (5<sup>th</sup> Car)  
 Hops - (10 B. Kent. & 20 Oregon); (20 B. Kent. & 10 Oregon); 20 Kents.  
 6 S.; 6 M.; 1.5 K. M. S.; 2 Portacene.

Wash -  $\frac{130}{57}$  lbs.  
 Wash -  $\frac{210}{87}$  lbs.  
 Sparge -  $\frac{170}{67}$  lbs.; 2. Sparge -  $\frac{170}{174}$ .  
 Pap Heat - 15.5

First run - 24.9%  
 Last " - 1.3%  
 No. of lbs. used - 37  
 8  
 69

115

Into Cps.  
 19.5"

Out of Cps.  
 27.5"

Balling  
 14%

Yeast - Off No. 43 Brew.

July 10/30	; 8.15 A.M.	; Temp. - 61°	; Balling - 13.7%
" 11/30	; 8.15 A.M.	; " - 69.5°	; " - 9.3%
" 12/30	; 7.45 A.M.	; " - 69°	; " - 3.7%
" 14/30	; 8.10 A.M.	; " - 67.5°	; " - 1.9%
" 15/30	; 8.15 A.M.	; " - 65.5°	; " - 1.7%
" 16/30	; 8.15 A.M.	; " - 63°	; " - 1.7%
" 17/30	; 8.10 A.M.	; <u>Stacked</u>	; " - 1.6%



No. 5 Jun.

Ab.

July 10/30.

Malt - 5000 lbs. D. M. Co. (6<sup>th</sup> Car).

Hops - (15 B.C. Kents &amp; 20 Oregon); (20 Bohos &amp; 15 Oregon); 20 Kents.

6 S; 6 M.; 1.5 K.M.S.; 2 Potereene

Wash -  $\frac{107}{37}$  lbs.Knoblet -  $\frac{210}{9}$  lbs.Sparge -  $\frac{110}{69}$  lbs.; H. Sparge -  $\frac{171}{2}$  lbs.Tap Heat -  $156^{\circ}$ 

First run - 21.8%

Last " - 1.5%

No. of lbs. used - 37

8

69

2

116Into Cops.  
19.5%Out of Cops.  
27.5%Balling.  
14.2%

Yeast - Off No. 44 Brew.

July 11/30	9:15 A.M.	Temp. - $61^{\circ}$	Balling - 13.9%
" 12/30	7:45 A.M.	" - $69.5^{\circ}$	" - 9.3%
" 14/30	9:10 A.M.	" - $69^{\circ}$	" - 3.5%
" 15/30	8:15 A.M.	" - $66.5^{\circ}$	" - 2.8%
" 16/30	8:15 A.M.	" - $62.5^{\circ}$	" - 2.8%
" 17/30	8:15 A.M.	" - $61^{\circ}$	" - 2.7%
" 18/30	8:15 A.M.	" Racked	" - 2.7%

No 6, Jan

Stout.

July 11, 1930

Malt - 4000 lbs D. M. Co. &amp; 200 lbs. B. Barley.

Hops - 30 B.C. Kents; 30 Oregans; 20 Kents.

L.S., 4 M., 2.5 K.M.S.P. ~~lingit~~ - 1/2; C. Root - 3

L. root - 2, Porterene - 90.

$$\text{Mash} = \frac{15.9^\circ}{31 \text{ lbs}}$$

$$\text{Underlet} = \frac{11.0^\circ}{8.5 \text{ lbs}}$$

$$\text{Sparge} = \frac{12.0^\circ}{54 \text{ lbs.}} \quad \text{Hop Sparge} \frac{17.0^\circ}{2 \text{ lbs}}$$

$$\text{sp heat} = 157^\circ$$

$$\text{First Runs} = 20.1\%$$

$$\text{Last Runs} = 3.7\%$$

$$\text{No. of Hbls.} = 31$$

8

54

2

$$\text{Total} = 95$$

Into Cap.	Out of Cap.	Balling
34"	41.5"	15.2 h

Lead - Off No. 44 Brew.

July 12/30	; 7.45 A.M.	; Temp. - 61°	; Balling. - 14.9%
" 14/30	; 8.15 A.M.	; " - 69.5°	; " - 9.5%
" 15/30	; 8.15 A.M.	; " - 69°	; " - 7.4%
" 16/30	; 8.15 A.M.	; " - 69°	; " - 6.3%
" 17/30	; 8.15 A.M.	; " - 65.5°	; " - 5.9%
" 18/30	; 8.15 A.M.	; " - 63°	; " - 5.5%
" 19/30	; 8.15 A.M.	; " <u>Packed</u>	; " - <u>5.75%</u>



No. 1 Jun.

Ale.

July 14/30.

Malt - 5000 lbs. D. M. Co. (6<sup>th</sup> Cr.)  
 Hops - (15 B.C. Kents & 20 Oregon); (20 Boko & 15 Oregon); 20 Kents.  
 6 S.; 6 M.; 15 K. M. S.; 2 Postereene.

Mash -  $\frac{120}{57}$  lbs.Mash -  $\frac{210}{276}$  lbs.Sparge -  $\frac{170}{67}$  lbs. Sparge -  $\frac{170}{276}$  lbs.

Tap Heat - 150°

First run - 20.7%

Last " - 1.5%

No. of lbs. used 57

8

69

2

---

116Into Cop.  
20"Out of Cop.  
27"Ralling.  
14.2%

Yeast - Off No. 45446 Baws.

July 15/30 ; 8.15 A.M. ; Temp. - 61° ; Ball. - 14.7%  
 " 16/30 ; 8.15 A.M. ; " - 69° ; " - 9.7%  
 " 17/30 ; 8.15 A.M. ; " - 70° ; " - 4.4%  
 " 18/30 ; 8.15 A.M. ; " - 69.5° ; " - 2.5%  
 " 19/30 ; 8.15 A.M. ; " - 67.5° ; " - 2.1%  
 " 21/30 ; 8.15 A.M. ; " - 59.5° ; " - 1.85%  
 " 22/30 ; — Racked — ; " - 1.95%

No. 2 Run

Ale.

July 15/30.

Malt - 5000 lbs. D. M. Co. (6<sup>th</sup> Car)Hops - (10 B.C. Kent & 20 Oregon); (20 Boh. & 10 Agai); 20 Puggles  
6 S; 6 M; 1.5 K. M. S.; 2 Larkbrene.Wash -  $\frac{100}{37}$  lbs.Mudikt -  $\frac{210}{8}$  lbs.Sparge -  $\frac{170}{19}$  lbs.; 2 Sparge -  $\frac{170}{2}$  lbs.

Tap Heat - 158°

First run - 20.5%

Last " - 1.3%

No. of lbs. used - 57

69

176

Into Cop.

20.5"

Out of Cop.

27.5"

Balling.

14.8%

Least -  $\frac{1}{2}$  No. 46 Cuv.

July 16/30	; 8.15 A.M.	; Temp. - 61°	; Balling - 13.9%
" 17/30	; 8.15 A.M.	; " - 70°	; " - 9.5%
" 18/30	; 8.15 A.M.	; " - 69.5°	; " - 8.9%
" 19/30	; 8.15 A.M.	; " - 69°	; " - 2.5%
" 21/30	; 8.15 A.M.	; " - 62.5°	; " - 1.9%
" 22/30	; 8.15 A.M.	; " - 62°	; " - 1.85%
" 23/30	; 8.15 A.M.	; Racked -	; " - 1.8%



No. 3 Run

Ale.

July 16/30

Malt - 5000 lb. D. M. Co (6<sup>th</sup> Car).Hops - (15 B.C. Kent & 20 Oregon); (20 Bolo & 15 Oregon); 20 Puggles  
6 S; 6 M; 1.5 K. M. S.; 2 Poterone.Mash -  $\frac{130}{37}$  lbs.Mudket -  $\frac{21}{7}$  lbs.Spruce -  $\frac{170}{69}$  lbs.; Polypang -  $\frac{120}{2}$  lbs.

Tap Heat - 155°

First run - 20.5%

Last - 1.3%

No. of lbs. used - 37

8

69

2

---

1162 to Cys.  
19.5°Out of Cys.  
27.5°Balling  
14.1%

Yeast - Off No. 47 Brew.

July 17/30	; 9.15 A.M.	; Temp. - 61°	; Balling - 13.9%
" 18/30	; 8.15 A.M.	; " - 69.5°	; " - 9.4%
" 19/30	; 8.15 A.M.	; " - 70°	; " - 4.45%
" 21/30	; 8.15 A.M.	; " - 67.5°	; " - 2.4%
" 22/30	; 9.15 A.M.	; " - 64°	; " - 2.2%
" 23/30	; 8.15 A.M.	; " - 62°	; " - 2.15%
" 24/30	; 8.15 A.M.	; Packed	; " - 2.15%

No. 4 Jun.

Sparkling Ale.

July 17/30

Malt - 4500 lbs D. M. Co. (6<sup>th</sup> Can).

Hops - (20 B.C. Kents) &amp; (20 Bobs &amp; 15 Oregans) ; 20 Puggles.

S.S. ; 6 M ; No Potstare ; 2 K. M. S.

Mash -  $\frac{100}{32}$  lbs.Modulit -  $\frac{210}{8}$  lbs.Sparge -  $\frac{110}{70}$  lbs. ; 2 Sparge -  $\frac{170}{8}$  lbs.

Cap Heat - 154°

First run - 20.3%

Last - -

No. of lbs. used - 32

8

70

1

III

Intr. Cop.

21

Out of Cop.

27.5"

Balling.

12 = 6 1/2%

Least - Off No. 47 Brew.

July 18/30	8.15 A.M.	Temp. - 61°	Balling - 11.9%
" 19/30	8.15 A.M.	Temp. - 68°	" - 9%
" 21/30	8.15 A.M.	" - 69°	" - 3.5%
" 22/30	8.15 A.M.	" - 67°	" - 3%
" 23/30	8.15 A.M.	" - 62.5°	" - 2.8%
" 24/30	8.15 A.M.	" - 63°	" - 2.8%
" 25/30	8.15 A.M.	Racked -	" - 2.8%



No. 5 Tun.

Sparkling Ale.

July 18/30.

Malt - 4500 lbs. P. M. Co. (6 # Can).  
 Hops - 20 B.C. Kents; (20 Bobs & 15 Regions); 20 Fuggles.  
 5 S; 6 M; No. portereene; 2 R. M. S.

Mash -  $\frac{130}{32}$  All.Undrilt -  $\frac{210}{11}$ .Sparge -  $\frac{170}{70}$  All; 2. Sparge -  $\frac{170}{45}$  All.

Tap Heat - 155°

First run - 20.5%

Last " - 1.2%

No. of lbs. used - 32

8

70

 $\frac{1}{2}$ 110.52 to Cop.  
21"Out of Cop.  
28"Balling.  
12.7%

Yeast - Off No. 48 Brew.

July 19/30	;	8.15 A.M. ;	Temp - 61° ;	Balling - 12.3%
" 21/30	;	8.15 A.M. ;	" - 70° ;	" - 4.2%
" 22/30	;	8.15 A.M. ;	" - 69° ;	" - 2.85%
" 23/30	;	8.15 A.M. ;	" - 69° ;	" - 2.45%
" 24/30	;	8.15 A.M. ;	" - 64.5° ;	" - 2.5%
" 25/30	;	8.15 A.M. ;	" - 62° ;	" - 2.3%
" 26/30	;	8.15 A.M. ;	Stacked ;	" - 2.5%

No. 6 Turn.

Ale.

July 21/30

Malt - 5000 lbs. D. M. C. (6<sup>th</sup> Cw.)  
 Hops. - (15 B.C. Kent's & 20 Oregon); (20 Bels & 10 Oregon); 20 English  
 6 S; 6 M; 1.5 K. M. S.; 2 Portwine.

Mash -  $\frac{100}{37}$  lbs.;  
 Mould -  $\frac{20}{5}$  lbs.  
 Sparge -  $\frac{170}{69}$  lbs.; 2. Sparge -  $\frac{170}{2}$  lbs.  
 Tap Heat - 155°

First run - 20.3%  
 Last " - 1.07%  
 No. Phells. used - 37  
 8  
 69  
 2  
 116

Intr. Cop.  
 20"

Out of Cop.  
 26.5"

Balling  
 13.9%

Least - Off No. 81 Brew.

July 22/30 ; 8.15 A.M. ; Temp. - 61° ; Balling - 13.39%  
 " 23/30 ; 8.15 A.M. ; " - 70° ; " - 8.9%  
 " 24/30 ; 8.15 A.M. ; " - 69.5° ; " - 3.9%  
 " 25/30 ; 8.15 A.M. ; " - 69° ; " - 2.9%  
 " 26/30 ; 8.15 A.M. ; " - 67° ; " - 2.2%  
 " 28/30 ; 8.15 A.M. ; " - 61° ; " - 2.2%  
 " 29/30 ; 8.15 A.M. ; Racked - " - 2.2%



No. 1 Tun.

Alc.

July 22/30.

Malt - 5000 No. D. M. Co. (6<sup>th</sup> Cr.)  
 Hops - (10 B. P. Kent & 20 Cragmo) & 20 Bolo & 15 Cragmo; 20 Fuggles;  
 6 L; 6 M; 1.5 K. M. S.; 2 Lortene.

Wash -  $\frac{160}{37}$  lbs.  
 Underlet -  $\frac{210}{8}$  lbs.  
 Sparge -  $\frac{120}{67}$  lbs. & 2 Sparge -  $\frac{170}{2}$  lbs.  
 Lape Seal - 157°

First run - 20.4%  
 Last " - 1.5%  
 No. of lbs. used - 37  
 8  
 69  
 2  
 116

Into Cop.  
 20"

Out of Cop.  
 27.5"

Balling  
 14.1%

Yeast - Off No. 51 Brew

July 23/30	;	8.15 A.M. ;	Temp. - 61° ;	Balling - 13.9%
" 24/30	;	8.15 A.M. ;	" - 68° ;	" - 10.5%
" 25/30	;	8.15 A.M. ;	" - 70° ;	" - 5.6%
" 26/30	;	8.15 A.M. ;	" - 69° ;	" - 3.3%
" 28/30	;	8.15 A.M. ;	" - 67° ;	" - 2.6%
" 29/30	;	8.15 A.M. ;	" - 64° ;	" - 2.6%
" 30/30	;	8.15 A.M. ;	<u>Racked</u>	" - <u>2.6%</u>

No. 2 Tun.

Ale.

July 23/30.

Malt - 5000 lb. D.M.C. (6<sup>th</sup> Car)  
 Hops - (10 B.C. Kent & 20 Oregon), (20 Boho. & 15 Oregon); 20 kents.  
 5 lb; 6 M; 1.5 K. M.S.; 2 Parkland.  
 Mash -  $\frac{150}{37 \text{ lbs.}}$   
 Underlet -  $\frac{210}{8 \text{ lbs.}}$   
 Sparge -  $\frac{170}{52 \text{ lbs.}}$ ; 2 Sparge -  $\frac{170}{2 \text{ lbs.}}$   
 Cap Heat - 153°

First run - 21.4%  
 Last " - 1.5%  
 No. of lbs. used - 37  
 8  
 69  
 2  
116.

In to Cap.  
 21

Out of Cap  
 28°

Balling.  
 17.2%

Least - Off No. 52 Brew.

July 24/30 ; 8:15 A.M. ; Temp. - 61° ; Balling - 13.8%  
 " 25/30 ; 8:15 A.M. ; " - 69.5° ; " - 9.5%  
 " 26/30 ; 8:15 A.M. ; " - 70° ; " - 5.2%  
 " 28/30 ; 8:10 A.M. ; " - 68° ; " - 3.1%  
 " 29/30 ; 8:10 A.M. ; " - 66° ; " - 3.1%  
 " 30/30 ; 8:10 A.M. ; " - 62.5° ; " - 2.9%  
 " 31/30 ; Racked - ; " - 2.9%



No. 3 Tun.

Sparkling Ale.

July 24/30.

Malt - 4000 lbs. P. M. G. (17<sup>th</sup> Car).  
 Hops - 20 B.C. Kent; 20 Bels & 15 Oregon; 20 Puggles.  
 5 lb; 6 M; 2 K. M. S.; No. Poterene.

Mash -  $\frac{100}{32}$  lbs.  
 Malt -  $\frac{210}{41}$  lbs.  
 Sarge -  $\frac{170}{19}$  lbs.; 2. Sarge -  $\frac{170}{1}$  lbs.  
 Tap Heat - 155°

First run - 21%  
 Last " - 13%  
 No. of lbs. used - 32  
 69  
 110

Into Cap.  
 22.5"

Out of Cap.  
 29.5"

Balling.  
 13.7%

Least - Off No Brew.

July 25/30 ; 8.15 A.M. ; Temp. - 61° ; Balling - 12.8%  
 " 26/30 ; 8.15 A.M. ; " - 69° ; " - 9.2%  
 " 28/30 ; 8.15 A.M. ; " - 69° ; " - 3.5%  
 " 29/30 ; 8.15 A.M. ; " - 69° ; " - 3.2%  
 " 30/30 ; 8.15 A.M. ; " - 65° ; " - 3.1%  
 " 31/30 ; 8.15 A.M. ; " - 62.5° ; " - 2.9%  
 Aug 1/30 ; — Racked — ; " - 3%

No. 4 Run

Ale.

July 26/30

Malt - 5000 lb. D. M. Co. (7<sup>th</sup> Car)  
 Hops - (15 B.C. Kent & 20 Oregon), (20 Bolo & 15 Oregon); 20 kents  
 6 L; 6 M; 1.5 K. M. S.; 2 Porterone.

Mash -  $\frac{150}{37}$  lbs.Unbleb -  $\frac{210}{8}$  lbs.Sparge -  $\frac{175}{87}$  lbs. i. N. Sparge -  $\frac{110}{11}$ 

Cap heat - 134°

First run - 21%

" " - 1.7%

No. of lbs. used - 37

8

69

1

1152<sup>nd</sup> Cops  
20"Out of Cops.  
27"Balling  
14.15%

Least - Off W. 52 Brew.

July 26/30 ; 8.15 A.M. ; Temp. - 61° ; Balling - 13.9%  
 " 28/30 ; 8.15 A.M. ; " - 70° ; " - 6.2%  
 " 29/30 ; 8.15 A.M. ; " - 70° ; " - 4.4%  
 " 30/30 ; 8.15 A.M. ; " - 70° ; " - 3.8%  
 " 31/30 ; 8.15 A.M. ; " - 68.5° ; " - 3.6%  
 Aug 1/30 ; 8.15 A.M. ; " - 63° ; " - 3.5%  
 " 2/30 ; 8.15 A.M. ; Stacked ; " - 3.45%



No. 57 un.

Alb.

July 28/30.

Malt - 5000 lb. D. M. Co. (7<sup>4</sup> Car)  
 Hops - (10 B.C. Kent & 20 Oregon); (20 Bohol & 15 Oregon); 20 Kents.  
 C.S.; 6 M; 1.5 H. M. S.; 2 Porteneere.

Wash -  $\frac{107}{36}$  M.Frodit -  $\frac{21}{11}$  M.Sparge -  $\frac{17.9}{100}$  M.; 2 Sparge -  $\frac{12.6}{5}$  M.

Tap Heat - 106

First run - 2.1%

Last - 1.6%

No. of lbs. used - 36

8

70

.5

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114.5Lts Cop  
19.0"Out of Cop  
26.5"Balling  
13.95%

Last - Off No. 55 Brew.

July 29/30	;	8.15 A.M.	;	Temp - 61°	;	Balling - 13.7%
" 30/30	;	8.15 A.M.	;	" - 68.0°	;	" - 10.4%
" 31/30	;	8.15 A.M.	;	" - 70°	;	" - 4.6%
Aug 1/30	;	8.15 A.M.	;	" - 69.5°	;	" - 2.7%
" 2/30	;	8.15 A.M.	;	" - 68°	;	" - 2.3%
" 4/30	;	8.15 A.M.	;	" - 62°	;	" - 2.1%
" 5/30	;	<del>8.15 A.M.</del>		<u>Racked</u>	;	" - 2.15%

No. 6 Jun

Ale.

July 29/30

Malt - 5000 lbs D. M. G. (7th Cr.)  
 Hops - (30 Oregon); (20 Bohs + 10 Oregon); 20 Fuggles.  
 6 S; 6 M. & 1.5 K. M. S.; 2 Portereine

Wash -  $\frac{180}{36}$  lbs.  
 Malt -  $\frac{210}{8}$  lbs.  
 Sparge -  $\frac{170}{7}$  lbs.; V. Sparge -  $\frac{170}{5}$  lbs.  
 ap Heat - 156

First run - 21.5  
 Last - 1.7  
 No. of lbs. used - 30  
 70  
 10  
 114

Into Cop.  
 19.5%

Out of Hop.  
 26.5%

Balling.  
 14%

Least - Off N. 56 / Ben.

July 30/30	8:10 A.M.	Temp. - 61°	Balling - 13.7%
" 31/30	8:10 A.M.	" - 69°	" - 9.9%
Aug 1/30	8:10 A.M.	" - 70°	" - 5.2%
" 2/30	8:10 A.M.	" - 70°	" - 3.1%
" 4/30	8:10 A.M.	" - 66°	" - 2.6%
" 5/30	8:10 A.M.	" - 62°	" - 2.4%
" 6/30	8:10 A.M.	<u>Racked</u>	" - 2.0%



No. 1 Run.

Ale.

July 30/30.

Malt - 5000 lbs D. M. Co. (7<sup>th</sup> (alt).  
 Hops - (35 Ouzes); (20 Bobs & 15 Ouzes); 20 Fuggles.  
 6 S; 6 M; 1.5 K. M. S.; 2 Polvere.

Wash -  $\frac{150}{36}$  lbs.  
 Indicat -  $\frac{210}{116}$  lbs.  
 Sarge -  $\frac{170}{116}$  lbs.; 2 Sarge -  $\frac{120}{116}$  lbs.  
 Sap Heat - 157°

First run - 22%  
 Last - 16%  
 No. of lbs. used -  $\frac{36}{8}$   
 70  
 2  
 116

Out Cop.  
 28"

Out of Cop.  
 26.5"

Balling  
 14.37%

Least - Off No. 58 Brew.

July 31/30; 9.10 A.M.; Temp. - 61°; Balling - 13.8%  
 Aug 1/30; 8.15 A.M.; " - 69°; " - 10%  
 " 2/30; 8.15 A.M.; " - 70°; " - 5.7%  
 " 4/30; 8.15 A.M.; " - 68°; " - 3.35%  
 " 5/30; 8.15 A.M.; " - 64°; " - 3.3%  
 " 6/30; 8.15 A.M.; " - 61°; " - 3.2%  
 " 7/30; — Racked —; " - 3.2%

No. 2 Run.

Ale.

July 31/30

Malt - 5000 lbs. D. M. Co. (7<sup>th</sup> Car).  
 Hops - (35 Oregon); (24 Bolo & 15 Oregon); 20 Puggles.  
 6 S.; 6 M.; 1.5 K. M. S.; 2 Poterene.

Mash -  $\frac{150}{36 \text{ lbs.}}$   
 Mowet -  $\frac{210}{7 \text{ lbs.}}$   
 Spage -  $\frac{170}{10 \text{ lbs.}}$  A. Spage -  $\frac{170}{2 \text{ lbs.}}$   
 Cap seat - 15.4

First run - 21.7%  
 2nd - 1.8%  
 W. g. lbs. used - 36  
 8  
 70  
 2  
 116

Inb. Cap.  
 19.5"

Out. Cap.  
 26.5"

Balling  
 14.1%

Least - Off No. 57 Brew.

Aug 1/30	; 9.10 A.M.	; Temp. - 61°	; Balling - 13.7%
" 2/30	; 8.10 A.M.	; " - 68.5°	; " - 10.6%
" 4/30	; 8.15 A.M.	; " - 69°	; " - 4.7%
" 5/30	; 8.10 A.M.	; " - 67°	; " - 4.1%
" 6/30	; 8.10 A.M.	; " - 63°	; " - 3.9%
" 7/30	; 8.10 A.M.	; " - 60°	; " - 3.9%
" 8/30	; 8.15 A.M.	; <u>Stacked</u>	; " - <u>3.8%</u>



No. 3 Run.

Ale.

Aug. 1/30.

Malt - 5000 lbs. P. M. Co. (7<sup>th</sup> Car)  
 Hops - (35 Oregon); (35 Puggles); 20 Kents.  
 6 S; 6 M; 15 K. N. S. & 2 Resene.

Mash -  $\frac{150}{36}$  lbs.Mash -  $\frac{210}{9}$  lbs.Sparge -  $\frac{170}{70}$  lbs.; 2. Sparge -  $\frac{170}{2}$  lbs.

Tap Heat - 156°

First run - 21.8%

Last " - 1.5%

No. of lbs. used - 56

8

70

2

116

Dnt. Cop.

19.5"

Out of Cop.

26.5"

Balling -

14.1%

Least - Off No. 58 Brew.

Aug 2/30 ; 8.15 A.M. ; Temp. - 60° ; Balling - 13.8%

" 4/30 ; 8.15 A.M. ; " - 71° ; " - 5.4%

" 5/30 ; 8.15 A.M. ; " - 69.5° ; " - 3.7%

" 6/30 ; 8.10 A.M. ; " - 69° ; " - 3.4%

" 7/30 ; 8.15 A.M. ; " - 62° ; " - 3.3%

" 8/30 ; 8.10 A.M. ; " - 61.0° ; " - 3.2%

" 9/30 ; " Racked - ; " - 3.2%

No. 4200

Ale.

Aug. 4/30.

Malt - 5000 lb. D. M. Co. (7<sup>th</sup> (NY)).  
 Hops - (35 Oregon); (35 Fuggles); 20 Kent's  
 6 S; 6 M; 1.5 N. H. S.; 2 Sorbitene.

Mash -  $\frac{160}{36 \text{ lbs.}}$   
 Kndicht -  $\frac{20}{8 \text{ lbs.}}$   
 Sarge -  $\frac{170}{7 \text{ lbs.}}$ ; H. Sarge -  $\frac{170}{2 \text{ lbs.}}$   
 Sap heat - 154°

First run - 21.2%  
 Last - - 1.5%  
 No. of lbs. used - 36  
 70  
 2  
 116

Into Cyp.  
 19.5%

Out of Cyp.  
 26.5%

Balling  
 14%

Yeast - Off No. 60 Brew.

Aug. 5/30 ; 5.10 A.M. ; Temp. - 61° ; Balling - 13.7%  
 " 6/30 ; 5.10 A.M. ; " - 69.5° ; " - 9.3%  
 " 7/30 ; 5.15 A.M. ; " - 69.5° ; " - 4%  
 " 8/30 ; 5.15 A.M. ; " - 69° ; " - 2.6%  
 " 9/30 ; 7.40 A.M. ; " - 69° ; " - 2.25%  
 " 11/30 ; 7.40 A.M. ; " - 62° ; " - 2.1%  
 " 12/30 ; 7.40 A.M. ; Racked ; " - 2.7%



No. 5 Run.

Alc.

Aug 5/30.

Malt - - 5000 lbs. D. M. Co. ( $7\frac{1}{2}$  Car).  
 Hops - (35 Oregon); (35 Puggles); (20 Kent).  
 6 L. ; 6 M. ; 1.5 K. M. S. ; 2 Portersene.

Wash -  $\frac{100}{36}$  lbs.  
 Unchilt -  $\frac{210}{54}$  lbs.  
 Sparge -  $\frac{170}{72}$  lbs. ; 2 Sparge -  $\frac{170}{36}$  lbs.  
 Cap Heat -  $155^\circ$

First run -  $21.5^\circ$ Leaf - " -  $1.5^\circ$ W. of the wash -  $36$ 

70

2

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116

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Into Cop.  
20Out of Cop.  
26.5"Balling.  
14.2%

Yeast - Off No. 61 Brew.

Aug. 6/30 ; 8.15 A.M. ; Temp. -  $61^\circ$  ; Balling -  $13.8\%$   
 " 7/30 ; 8.15 A.M. ; " -  $69.0^\circ$  ; " -  $10.2\%$   
 " 8/30 ; 8.15 A.M. ; " -  $70^\circ$  ; " -  $5.6\%$   
 " 9/30 ; 7.45 A.M. ; " -  $69^\circ$  ; " -  $3.15\%$   
 " 11/30 ; 7.45 A.M. ; " -  $67^\circ$  ; " -  $2.6\%$   
 " 12/30 ; 7.45 A.M. ; " -  $62.0^\circ$  ; " -  $2.5\%$   
 " 13/30 ; 7.45 A.M. ; Racked ; " -  $2.5\%$

No. 6 Run.

Ale.

Aug. 6/30.

Malt - 5000 lb. S. M. Co. (7<sup>th</sup> Car).

Hops - (35 Oregon); (35 Fuggles); (30 Keils).

6 S; 6 K; 1.5 K.M.S.; 2 Poterend.

Wash -  $\frac{130}{36}$  lbs.Wuphelt -  $\frac{20}{17}$  lbs.Sparge -  $\frac{170}{70}$  lbs. 3rd Sparge -  $\frac{170}{2}$  lbs.

Tap Heat - 155°

First run - 21.3%

Sect - 1.8%

No. of lbs. used - 36

70

2

116

2<sup>nd</sup> Cop.  
19.5°Out of Cop.  
26.5°Balling  
14.2%

Yeast - Off No. 62 Brew.

Aug. 7/30	; 7:07 A.M.	; Temp. - 61°	; Balling - 13.5%
" 8/30	; 8:10 A.M.	; " - 69°	; " - 9.6%
" 9/30	; 7:40 A.M.	; " - 70°	; " - 5.3%
" 11/30	; 7:45 A.M.	; " - 69°	; " - 3.3%
" 12/30	; 7:40 A.M.	; " - 64°	; " - 3.1%
" 13/30	; 7:45 A.M.	; " - 68.05°	; " - 3%
" 14/30	; 7:40 A.M.	; <u>Racked</u> -	; " - <u>3%</u>



No. 1 Run.

Alb.

Aug 7/30.

Malt - 0000 M. D. N. Co. (7 $\frac{1}{2}$  Cwt).

Keys - (30 Oregon); (35 Puggles); (25 Kent).

6 S; 6 M; 3 1.5 K. M. S.; 2 Potere.

Mash -  $\frac{100}{36}$  lbs.Muehlt -  $\frac{210}{1}$  lbs.Sparge -  $\frac{170}{7}$  lbs. H. Sparge -  $\frac{170}{2}$  lbs.

Tap Heat - 134

First run - 2.16%

Last - -1.8%

N. of lbs. used  $\frac{26}{8}$ 

71

2

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117

Int. Cop.

19

Out of Cop.

25.5

Balling.

14.2

Least - Off No. 63 Brew.

Aug. 8/30	;	8.10 A.M.	;	Temp. - 61°	;	Balling - 13.5%
" 9/30	;	7.40 A.M.	;	" - 69°	;	" - 10.2%
" 11/30	;	7.45 A.M.	;	" - 69°	;	" - 3.5%
" 12/30	;	7.40 A.M.	;	" - 69°	;	" - 2.75%
" 13/30	;	7.45 A.M.	;	" - 66°	;	" - 2.55%
" 14/30	;	7.40 A.M.	;	" - 63°	;	" - 2.5%
" 15/30	;	- Racked -	;		;	" - 2.5%

No. 2 Run.

Ale.

Aug 11/30.

Malt - 5000 D. M. Co. (8<sup>th</sup> AR).  
 MB Hops - (35 Oregon); (35 B. C. 2); (20 Figgles).  
 68; 6 M.; 7.5 K. M. S.; 2 Porterend.

Mash -  $\frac{150}{57}$  lbs.Mash -  $\frac{210}{44}$  lbs.Sparge -  $\frac{120}{7}$  lbs.; 2. Sparge -  $\frac{110}{5}$  lbs.

Tap Heat - 155°

First run - 30.5%

Last - 2.1%

No. of lbs. used - 37

8

70

25

116.5Into Cops.  
19.5°Out of Cops.  
26.5°Balling.  
13.8%

Yeast - Off No. 65 Brew.

Aug 12/30 ; 7.45 A.M. ; Temp. - 61° ; Balling - 13.6%

" 13/30 ; 7.45 A.M. ; " - 69° ; " - 9.4%

" 14/30 ; 7.40 A.M. ; " - 69.5° ; " - 4.5%

" 15/30 ; 7.45 A.M. ; " - 69.5° ; " - 2.6%

" 16/30 ; 7.45 A.M. ; " - 69° ; " - 2.3%

" 18/30 ; 7.45 A.M. ; " - 62.5° ; " - 1.9%

" 19/30 ; 7.45 A.M. ; Racked - " - 1.9%



No. 3 run.

Ale.

Aug 12/30.

Malt - 5000 lbs. D. M. Co. (8<sup>th</sup> Car).  
 Hops - (35<sup>th</sup> Oregon); (35<sup>th</sup> B.C. 12); (20 Puggles).  
 6 l.; 6 M.; 1.5 K. M. S.; 2 Potatoes.

Mash -  $\frac{160}{37}$  lbs.Mash -  $\frac{210}{8}$  lbs.Sparge -  $\frac{170}{19}$  lbs.; 2. Sparge -  $\frac{170}{5}$  lbs.

Lop Heat - 154

First run - 20.57.

Last - " - 2.17

No. of lbs. used - 37

8

69

.5

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114.5In to Cops.  
20.5Out of Cops.  
27.5Balling  
13.97

Last - Off N. 65 Brew.

Aug 13/30	;	7.45 A.M.	;	Temp. - 61°	;	Balling - 13.67
" 14/30	;	7.45 A.M.	;	" - 67.5°	;	" - 10.27
" 15/30	;	9.00 A.M.	;	" - 69.5°	;	" - 5.17
" 16/30	;	7.45 A.M.	;	" - 69.5°	;	" - 3.77
" 18/30	;	7.45 A.M.	;	" - 68°	;	" - 3.9
" 19/30	;	7.45 A.M.	;	" - 68°	;	" - 2.85
" 20/30	;	-	;	<u>Racked</u>	;	" - 2.87

No. 4 run.

Alc.

Aug. 13/30.

Malt - 5000 lbs. D.M. Co. (8% Car).  
Lops - (35 Cigars); (35 B.C.); (20 Fuggles).  
6L; 6M.; 1.5 K.M.S.; 2 Portereen.

Mash -  $\frac{150}{35}$  lbs.  
Hydrant -  $\frac{210}{35}$  lbs.  
Sparg -  $\frac{170}{67}$  lbs.; H. Sparg -  $\frac{170}{3}$  lbs.  
Pap Heat - 154°

First run - 21.3%  
Lat. " - 1.5%  
N. of lbs. used - 38  
5  
67  
3  
116

Into Cys.  
22"

Out of Cys.  
28.5"

Balling.  
14.3%

Yeast - Off No. 66 Brew.

Aug. 14/30	; 7.40 A.M.	; Temp. - 61°	; Balling - 14%
" 15/30	; 9.00 A.M.	; " - 69°	; " - 10.7%
" 16/30	; 7.45 A.M.	; " - 69.5°	; " - 6.9%
" 18/30	; 7.45 A.M.	; " - 70°	; " - 4.1%
" 19/30	; 7.45 A.M.	; " - 69°	; " - 3.8%
" 20/30	; 7.45 A.M.	; " - 66.5°	; " - <del>3.6%</del>
" 21/30	; 7.45 A.M.	; " - 62.5°	; " - 3.8%
" 22/30	; 7.40 A.M.	- Racked -	; " - 3.75%



No. 5 Run.

Ale.

Aug. 14/30.

Malt - 5000 lb. D. M. G. (8<sup>th</sup> cat).Hops - (35 Oregon); (35 B. C.); (20 Puggles.)  
6 S; 6 M.; 15 K. M. S.; 2 Rotbreed.Mash -  $\frac{15^{\circ}}{37 \text{ lbs.}}$ Underlet -  $\frac{21^{\circ}}{7 \text{ lbs.}}$ Sparge -  $\frac{110^{\circ}}{69 \text{ lbs.}}$ ; M. Sparge -  $\frac{170^{\circ}}{5 \text{ lbs.}}$ Inf Heat -  $155^{\circ}$ 

First run - 20.7%

Last " - 1.6%

M. of lbs. used - 37

69

.5

114.5Into Cops.  
20"Out of Cops.  
27"Balling.  
14 7/10

Least - Off No. 67 Brew.

Aug 15/30 ; 9.00 A.M. ; Temp. -  $61^{\circ}$  ; Balling - 13.7%" 16/30 ; 7.45 A.M. ; " -  $69^{\circ}$  ; " - 10.3%" 18/30 ; 7.45 A.M. ; " -  $70^{\circ}$  ; " - 3.5%" 19/30 ; 7.45 A.M. ; " -  $69^{\circ}$  ; " - 2.8%" 20/30 ; 7.45 A.M. ; " -  $66^{\circ}$  ; " - 2.7%" 21/30 ; 7.45 A.M. ; " -  $63^{\circ}$  ; " - 2.7%" 22/30 ; 7.45 A.M. ; " -  $61^{\circ}$  ; " - 2.7%

" 23/30 ; Racked ; " - 2.7%

No. 6 Tun

Ale.

Aug. 18/30.

Malt - 5000 lb. P. M. Co. (8<sup>3</sup> Car)  
 Hops - (35 Lugans); (35 B. C.); (20 Fuggles)  
 6 S; 6 M; 85 K. M. S; 2 Porterene

Mash -  $\frac{150}{38 \frac{1}{2}}$   
 Wndikt -  $\frac{210}{7 \frac{1}{2}}$   
 Sparge -  $\frac{170}{68 \frac{1}{2}}$ ; 2 Sparge -  $\frac{170}{5 \frac{1}{2}}$   
 Tap Heat - 154°

First run - 20.17%

Last - 1.87%

No. of Hls. - 38

68  
5  
114.5

In to Cop.  
20.5"

Out of Cop.  
27.5"

Balling  
13.87%

Yeast - Off No. 69 Brew.

Aug. 19/30	; 7.45 A.M.	; Temp. - 61°	; Balling - 13.67%
" 20/30	; 7.45 A.M.	; " - 68.5°	; " - 9.67%
" 21/30	; 7.45 A.M.	; " - 69.5°	; " - 4.97%
" 22/30	; 7.45 A.M.	; " - 69.5°	; " - 2.97%
" <del>23/30</del>	; 7.45 A.M.	; " - <del>69.5°</del>	; " - 2.47%
" 26/30	; —	<u>Racked</u>	; " - 2.47%



N. 1. Jun.

Ale.

Aug. 20/30.

Malt - 5000 lbs. P. M. C. (8<sup>th</sup> cr.)  
 Hops - (35 Oregon); (35 B. C. 1<sup>st</sup>); (20 Fuggles).  
 6 lb; 6 M.; 1.5 K. M. S.; 2 Poterene.

Mash -  $\frac{150}{5}$  lbs.Mash -  $\frac{210}{8}$  lbs.Spurge -  $\frac{170}{10}$  lbs.; H. Spurge -  $\frac{170}{5}$  lbs.

Tap Heat - 155°

First run - 20.4%

2<sup>nd</sup> run - 1.3%

No. of lbs used - 36

7

70

.5

1145Inb Cop.  
20.5°Out of Cop.  
27°Balling.  
13.97°

Yeast - Off No. 71 Brew.

Aug 21/30 ; 7.45 A.M. ; Temp. - 61° ; Balling - 13.57°  
 " 22/30 ; 7.45 A.M. ; " - 69° ; " - 9.29°  
 " ~~23~~<sup>25</sup>/30 ; 7.45 A.M. ; " - 68.5° ; " - 2.3°  
 " 26/30 ; 7.45 A.M. ; " - 64.5° ; " - 2.2°  
 " 27/30 ; 7.45 A.M. ; " - 58.5° ; " - 2°  
 " 28/30 ; — Racked — " - 1.8°

No. 2 Run.

Stout. Aug. 25/30

Malt - 4000 lbs. P. M. C. (8<sup>th</sup> Cr.) & 200 lb. B. Barley.  
 Hops - (30 Oregon); (30 B. C.); (25 Fuggles).  
 4 S; 4 M.; 6.5 K. M. S.; T. root - 1.5; C. Root - 3  
 S. root - 2; Potereene - 90.

Mash -  $\frac{150}{51}$  lbs.  
 Malt -  $\frac{20}{51}$  lbs.  
 Sparge -  $\frac{170}{57}$  lbs.; H. sparge -  $\frac{170}{2}$  lbs.  
 Deep heat - 150°

First run - 20%  
 Last - 2.7%  
 N. of follow-up - 31  
 9  
 54  
 2  
 95

Into Cop.  
 34"

Out of Cop.  
 41.5"

Balling  
 14.7%

Yeast - Off No. 72 Brew.

Aug. 26/30; 7.45 A.M.; Temp. - 62°; Balling - 13.9%  
 " 27/30; 7.45 A.M.; " - 68°; " - 9.7%  
 " 28/30; 7.20 A.M.; " - 69.5°; " - 5.8%  
 " 29/30; 9.00 A.M.; " - 69°; " - 4.3%  
 " 30/30; 7.45 A.M.; " - 69.5°; " - 3.9%  
 Sept. 2/30; — Racked —; " - 3.5%



No. 3 Run.

Ale.

Aug 26/30.

Malt - 5000 lbs. D. M. Co. (8<sup>th</sup> Cor.)  
 Hops - (35 Oregon); (35 B.C.); (20 Fuggles).  
 6 S; 6 M.; 1.5 K. M. S.; 2 Portereene.

Mash -  $\frac{150}{3}$  lbs.  
 Malt -  $\frac{210}{8}$  lbs.  
 Sparge -  $\frac{170}{67}$  lbs.; W. Sprige -  $\frac{170}{5}$  lbs.  
 Tap Heat - 154°

Wort run - 20%  
 Wort " - 1.7%  
 No. of lbs. used - 36  
 69  
 5  
 113.5

Inlet Csp.  
 20.5"

Out of Csp.  
 27.5"

Balling.  
 14%

Yeast - Off No. 73 Brew.

Aug 27/30; 2.45 A.M.; Temp - 61°; Balling - 13.6%  
 " 28/30; 7.45 A.M.; " - 69.0°; " - 9.5%  
 " 29/30; 9.00 A.M.; " - 69.0°; " - ~~7.9~~ 7.9%  
 " 30/30; 2.45 A.M.; " - 70°; " - 2.79%  
 Sept. 2/30; 7.45 A.M.; " - 65°; " - 2.9%  
 " 3/30; 7.45 A.M.; Racked; " - 1.95%

No. 4 Pan.

Ale.

Aug. 27/22.

Malt. — 5000 lbs. P. M. Co. (8% (ex).  
 Hops. — (35 Lugens); (35 B. Co.); (20 Finglas)  
 6 L; 6 M; 15 K. M. S.; 2 Patersons.

Wash —  $\frac{180}{36}$   
 Mashed —  $\frac{210}{36}$   
 Sparge —  $\frac{120}{69}$ ; 2. Sparge —  $\frac{110}{2}$   
 Sap Heat — 154

First run — 20.5%  
 Last — 1.8%  
 No. of lbs. used — 36

8  
69  
2  
175

In to Cyp.  
 20.5%

Out of Cyp.  
 281%

Balling.  
 14%

Yeast — Off No. 73 Brew.

Aug. 28/30 ; 7.45 A.M. ; Temp. — 61° ; Balling — 13.6%  
 " 29/30 ; 9.50 A.M. ; " — 69.5° ; " — 9.9%  
 " 30/30 ; 7.45 A.M. ; " — 70° ; " — 4.9%  
 Sept. 2/30 ; 7.30 A.M. ; " — 69.5° ; " — 2.3%  
 " 30 ; 7.30 A.M. ; " — 66° ; " — 2.2%  
 " 4/30 ; — Racked — ; " — 2.2%



No. 5 Tun

Ale

Aug. 29/30

Malt - 5000 lb. D. M. C.  
 Hops - (35 Auger); (25 B. C.); (20 Fuggles).  
 6L; 6M; 1.5 K. M. S.; 2 Poterene

Mash -  $\frac{150}{36}$   
 Unchillt -  $\frac{310}{8}$   
 Spage -  $\frac{171}{67}$ ; N. Spage -  $\frac{170}{2}$   
 Sap heat - 154

First run - 20.7%  
 Last " - 1.7%  
 No. of lbs. used - 36  
 8  
 69  
 2  
115

Into Cop.  
 21"

Out of Cop.  
 27.5"

Balling  
 13.9%

Yeast - From Wolstein's.

Aug. 29/30 ; 9.50 A.M. ; Temp. - 61° ; Balling - 13.5%  
 " 30/30 ; 7.45 A.M. ; " - 67° ; " - 11.3%  
 Sept. 2/30 ; 7.30 A.M. ; " - 69.5° ; " - 3.3%  
 " 3/30 ; 7.30 A.M. ; " - 69° ; " - 2.7%  
 " 4/30 ; 7.30 A.M. ; " - 66° ; " - 2.45%  
 " 5/30 ; 7.30 A.M. ; Racked ; " - 2.4%

No. 6 Jun.

Sept. 2/30  
 Malt - 5000 lbs. P. M. Co. (84 Cwt)  
 Hops - (35 Oregon); (35 B. Co.); (20 Fuggles).  
 6 S; 6 M; 1.5 K. M. S.; 2 Porters.

Mash -  $\frac{180}{37}$   
 Underlet -  $\frac{210}{8}$   
 Sparge -  $\frac{170}{68}$ ; 2. Sparge -  $\frac{170}{5}$   
 Wash Heat - 154

First run - 20.2%  
 Last " - 1.9%  
 N. of H. lbs. used 87  
 8  
 68  
 .5  
 113.5

In Cop.  
 21.5%

Out of Cop.  
 28%

Balling  
 13.95%

Yeast - Off No. 75 Brew

Sept. 3/30; 7.30 A.M.; Temp. - 61°; Balling - 13.5%  
 " 4/30; 7.30 A.M.; " - 66.5°; " - 11.5%  
 " 5/30; 7.30 A.M.; " - 70°; " - 8.1%  
 " 6/30; 7.30 A.M.; " - 69.5°; " - 6.9%  
 " 8/30; 7.30 A.M.; " - 63°; " - 6.2%  
 " 9/30; 7.30 A.M. - Racked - " - 6%



No. 1 Cur.

Ale.

Sept. 3/30

Malt - 5000 lbs. D. M. Co. (9<sup>th</sup> Cor.)  
 Hops - (35 Oregon); (35 B. C.); (20 Fuggles).  
 68; 6 M.; 1.5 K. M. S.; 2 Potatoes.

Wash -  $\frac{150}{37}$   
 Underlet -  $\frac{210}{8}$   
 Sparge -  $\frac{110}{69}$ ; H. Sparge -  $\frac{170}{2}$   
 Tap Heat - 154

First run - 20.7%  
 Last - 1.7%  
 No. of lbs. used - 37  
 8  
 68  
 2  
 115

Inlet Cop.  
 21"

Outlet Cop.  
 27.5"

Balling  
 14.05%

Yeast - Off No's 76 & 77 Beers.

Sept. 4/30; 7.30 AM.; Temp. - 61°; Balling - 13.6%  
 " 5/30; 7.30 AM.; " - 69°; " - 10%  
 " 6/30; 7.30 AM.; " - 69°; " - 4.7%  
 " 8/30; 7.30 AM.; " - 69°; " - 2.2%  
 " 9/30; 7.30 AM.; " - 62.5°; " - 2.2%  
 " 10/30; Racked; " - 2.1%

No. 2 run

Ale.

Sept. 4/20.

Malt - 5000 lbs. D. M. C. (9<sup>th</sup> Gr.)  
 Hops - (35 Oregon) ; (35 B. P. 1's) ; (50 Fuggles).  
 6 lb ; 6 M ; 1.5 K. M. S. ; 2 Porterseed.

Mash -  $\frac{150}{37}$ Mash -  $\frac{30}{4}$ Sparge -  $\frac{170}{89}$  ; D. Sparge -  $\frac{170}{2}$ 

Cap Heat - 156

Final run - 21.6%

Last - 1.3%

No. of lbs. used = 37

8

69

2

---

116

Into Cap. 20"

Out of Cap. 26.5"

Balling 14.2%

Yeast - Off N. 74 Brew.

Sept 5/20 ; 7.30 A.M. ; Temp. - 67° ; Balling - 13.8%  
 " 6/20 ; 7.30 A.M. ; " - 69° ; " - 9.8%  
 " 8/30 ; 7.30 A.M. ; " - 69.5° ; " - 2.8%  
 " 9/30 ; 7.30 A.M. ; " - 68.5° ; " - 2.3%  
 " 10/30 ; 7.30 A.M. ; " - 61.5° ; " - 2.2%  
 " 11/30 ; 7.30 A.M. ; " - Racked ; " - 2.2%



No. 3 Run

Ale.

Sept. 5/30.

Malt - 5000 lb. D. M. C. (9<sup>th</sup> Car)  
 Hops - (35 Oregon); (35 B. C.); (50 Puggles)  
 6 S; 6 M & 1.5 K. M. S.; 2 Poterene

Mash -  $\frac{150}{37}$   
 Underlet -  $\frac{210}{8}$   
 Sparg -  $\frac{170}{70}$ ; W. Sparg -  $\frac{170}{2}$   
 Tap Heat - 154°

First run - 21.4%  
 Last - " - 1.8%  
 No. of Hll. used - 37  
 8  
 7  
 2  
 117

In. Cap.  
 19"

Out. Cap.  
 25.5"

Balling  
 14.1%

Least - From Keith's & Nelson's

Sept. 6/30; 7.30 A.M.; Temp. - 61°; Balling - 13.5%  
 " 8/30; 7.30 A.M.; " - 70°; " - 5.5%  
 " 9/30; 7.30 A.M.; " - 69.5°; " - 3.25%  
 " 10/30; 7.30 A.M.; " - 69°; " - 2.6%  
 " 11/30; 7.30 A.M.; " - 62°; " - 2.4%  
 " 12/30; Racked; " - 2.4%

N.H. Jun.

Sparkling Ale.

Sept. 6/30

N.B.

Malt - 4500 lb. D.M.C. (9% Cr.)  
 Hops - (20 Oregon); (35 B.C.); (20 Fuggles).  
 5L; 6M; 2 K.M.P.; W. Robinson

Mash -  $\frac{150}{33}$ Mash -  $\frac{210}{8}$ Sparge -  $\frac{170}{69}$ ; H. Sparge -  $\frac{170}{2}$ 

Tap Heat + 156°

First run - 2.7%

Last - 1.7%

W. Robinson - 33

69

2

112Inlet Cps.  
2"Outlet Cps.  
28.5"Balling  
13.1%

Yeast - Off No. 78 Bar.

Sept. 8/31	7.30 A.M.	Temp. - 69°	Balling - 8.9%
" 9/30	7.30 A.M.	" - 70°	" - 4.1%
" 10/30	7.30 A.M.	" - 69.5°	" - 3%
" 11/31	7.30 A.M.	" - 67.5°	" - 2.7%
" 12/30	7.30 A.M.	" - 62°	" - 2.5%
" 13/30	- Racked -		" - 2.65%



No. 5 Run.

Ale.

Sept. 5/31.

N.B.

Malt - 5000 D. M. Co. (9<sup>41</sup> Pot).  
 Hops - (35 ~~Purple~~); (35 B.C.); (25 ~~Purple~~).  
 6A; 6K; 1.5K. N.S.; 2 Poterone.

Mash -  $\frac{150}{36}$   
 Moulded -  $\frac{210}{8}$   
 Sparge -  $\frac{170}{11}$ ; H. sparge -  $\frac{170}{1}$   
 Lap Heat - 154

First run - 21.6%  
 Last " - 1.6%  
 % of Alcohol - 36  
 8  
 71  
 1  
 116

2<sup>nd</sup> Cop.  
19"3<sup>rd</sup> Cop.  
26"Balling.  
141%

Yeast - Off No. 79 Bow.

Sept. 9/30; 7.30 A.M.; Temp. - 61°; Balling - 137%  
 " 10/30; 7.30 A.M.; " - 69°; " - 9.6%  
 " 11/30; 7.30 A.M.; " - 70°; " - 3.65%  
 " 12/30; 7.30 A.M.; " - 69°; " - 2.25%  
 " 13/30; 7.30 A.M.; " - 68.5°; " - 1.85%  
 " 16/30; — Blocked — ; " - 1.6%

No. 6 Run

Alc.

Sept. 9/30.

Malt - 5000 lbs. D. M. Co. (9<sup>th</sup> Cer).  
 Hops - (35 B.P. 10.); (35 Fuggles); (20 Kent's).  
 4 S.; 6 M.; 15 K. M. S.; 2 Portweeds.

Mash -  $\frac{15^\circ}{38}$ Mashlet -  $\frac{210}{8}$ Sparge -  $\frac{170}{71}$ 

Tap Heat - 155°

A. Sparge -  $\frac{170}{1}$ 

First run - 21.2%

Last - 1.3%

N. of M. used - 37

70

1

11628 Cop.  
18.5°Out of Cop.  
25°Balling -  
14% ✓

Yeast - Off No. 79 Brew.

Sept. 10/30	7.30 A.M.	Temp. - 61°	Balling - 13.6%
" 11/30	7.31 A.M.	" - 68°	" - 10.1%
" 12/30	7.30 A.M.	" - 69°	" - 5.75%
" 13/30	7.31 A.M.	" - 70°	" - 4.2%
" 17/30	—	<u>Racked</u> —	" - <u>3.15%</u>



No. 1 Run

Sept. 1920.

Malt - 5000 lb. D. M. C. (97% (wt).  
 Hops - (35/3 (10) ; (30 Fuggle) ; (20 Kent).  
 Water ; 6 M ; 1.5 lb. M. S. ; 2 Potatoes.

Wash -  $\frac{150}{36}$   
 Unpitched -  $\frac{20}{9}$   
 Spruce -  $\frac{170}{70}$  ;  $\frac{1}{2}$  of Spruce -  $\frac{170}{2}$   
 Tap Heat - 154

First run - 91.4%  
 Last - - - - 1.8%  
 No. of Gallons used - 36  
 8  
 70  
 2  
 116

In to Cyp. -  
 19.5%

Out of Cyp.  
 26

Balling  
 14.75%

Yeast - Off No. 80 Brew.

Sept. 11/30 ; 7.30 AM ; Temp. - 61° ; Balling - 13.7%  
 " 12/30 ; 7.30 AM ; " - 68.5° ; " - 9.43%  
 " 13/30 ; 7.30 AM ; " - 70° ; " - 4.4%  
 " 18/30 ; — Rashed — ; " - 1.6%

N. 2 run.

Sparkling Ale.

Sept. 11/30.

Malt - 4500 lb. D. M. Co. (9th Car).  
 Hops - (20 B.C.); (35 Fuggle); (20 Kent).  
 5 l; 6 K; 2 K. M. S. No. postures.

Wash -  $\frac{150}{33}$   
 Malt -  $\frac{210}{8}$   
 Sparge -  $\frac{170}{69}$ ; H. Sparge -  $\frac{170}{3}$   
 Dry heat - 154°

First run - 20.8%  
 Last " - 1.5%  
 No. of malt wash - 33  
 89  
 3  
 113

Into Cop.  
 21.5"

Out. 1/ Cop.  
 28.5"

Balling  
 13.25%

Yeast - Off No. 81 Brew.

Sept. 12/30 ; 7.30 A.M. ; Temp. - 61° ; Balling - 13%  
 " 18/30 ; 7.30 A.M. ; - 69° ; " - 8.85%  
 " 19/30 ; - Racked - ; " - 1.27%



No. 3 run.

Ale.

Sept. 12/30

Malt - 5000 lbs. D. M. Co. (9<sup>th</sup> Car).  
 N.B. Hops - (35 Oregon); (35 B. Co.); (20 Fuggles).  
 6H; 6M; 1.5 K. W. P.; 2 Poterane.

Wheat -  $\frac{150}{36}$ Malt -  $\frac{31}{7}$ Spice -  $\frac{170}{70}$ ; H. Spurge -  $\frac{170}{.5}$ 

Cap Heat - 154°

Fogium - 21%

Leat .. - 1.5%

No. of lbs. used - 36

70

115.5In to Cap.  
19.5"Out of Cap.  
26"Balling.  
14.1%

Yeast - Off No. 92 Brew.

Sept. 13/31; 7.30 A.M.; Temp. - 61°; Balling - 13.7%  
 " 21/30; — Reached — ; " — 2.3%





N.S. run

Ale.

Sept. 16/30.

Malt - 5000 lb. D. M. Co. (9 1/2 Gr)  
 Hops - (35 Oregon); (35 B.C.); (20 Fuggles)  
 6L; 6M; 1.5 H. S. 2 Potatoes.

Mash -  $\frac{150}{31}$   
 Muddle -  $\frac{211}{9}$   
 Sparge -  $\frac{110}{70}$ ; H. sparge -  $\frac{170}{5}$   
 Cop heat - 154°

First run - 21%  
~~Last - 1.6%~~  
 No. of followed - 36  
 8  
 70  
 .5  
 114.5

2nd Cop.  
 19°

Out of Cop.  
 36°

Balling  
 14.4%

Least - Off No. 84 Brew

Sept. 23/30; Racked - ; Balling - 3.9%

No. 6 run.

Sparkling Ale. Sept. 17/32.  
 Malt - 45.00 lbs. ~~P. H. Co.~~ (9<sup>th</sup> Cor). C. M. Co. (1<sup>st</sup> Cor)  
 Hops - (20 Oregon); (35 B.C.); (20 Kents)  
 S.M.; 6 M, 2 K. M. S.; No. Porters

Wash - $\frac{170}{37}$	First run - 20%
Mashlet - $\frac{41}{9}$	Last - 1.5%
Sparge - 67; M. sparge - $\frac{170}{2}$	No. of lbs. used - 33
Tap Heat - 155°	67
	<u>110</u>

Inb. Cap.  
23.5°

Outb. Cap.  
30.6°

Balling  
13.1%

Yeast - Off No. 85 Brew.

Sept. 24/30; 7.30 A.M.; Temp. Racked - Balling - 1.7%



N. 1 Run

Ale.

Sept. 18/30.

Malt - 5000 lb. C. M. Co. (1<sup>st</sup> Cr.)  
 Hops - (30 Oregon); (35 B.C.); (20 Fuggles)  
 6 lb; 6 lb; 4.5 K.M.S; 2 Portereau

Wash -  $\frac{167}{37}$ Underlet -  $\frac{210}{8}$ Spurge -  $\frac{170}{67}$ ; N. Spurge -  $\frac{170}{2}$ 

Tap Heat - 154

Tap am - 20.3%

Heat - 1.9%

W. of hllh. wash - 37

8

67

1142 to Cup.  
22"Out of Cup.  
28.5"Ballig.  
14%

Yeast - Off No's 85 &amp; 86 Baws.

Sept. 24/30; 7.30 A.M.; Temp. -  $\frac{63}{58}$ ; Ballig - 2.3%

" 25/30; — Racked —; " - 2.3%

No. 2 Run

Ab.

Sept. 19/30.

Malt - 5000 lb. C.M.C. (1<sup>st</sup> Car.)  
 Hops - (35 Oregon); (35 B.C.); (20 Kent).  
 658; 6 M & 1.5 K.N.S.; 2 Portwine.

Mash -  $\frac{100}{37}$   
 Underlet -  $\frac{210}{8}$   
 Sparge -  $\frac{176}{67}$  ; d. sparge -  $\frac{117}{1.5}$   
 Day heat - 134°

First run - 20%  
 Last " - 21%  
 No. of lbs used - 37  
 67  
 1.5  
113.5

Auto Cop  
 21.5"

Out of Cop  
 28"

Balling  
 24.9%

Beast - Off No. 88/Brew

Sept. 24/30 ; 7.30 AM ; Temp. - 68° ; Balling - 2.5%  
 " 25/30 ; 7.30 AM ; " - 64° ; " - 2.15%  
 " 26/30 ; - Racked - ; " - 2.2%



No. 3 Run

Alc. Sept. 20/30.  
 Malt - 5000 lbs. O. M. Co. (1<sup>st</sup> Car)  
 Hops - (35 Oregon); (30 B.C.s); (20 Kent)  
 bbls; 6 M; 1.5 K. M. S.; 2 Potatoes.

Heat -  $\frac{150}{37}$   
 Whirllet -  $\frac{210}{8}$   
 Sparge -  $\frac{170}{67}$ ; H. Sparge -  $\frac{100}{2}$   
 Tap heat - 158°

First run - 21°  
 Last - 2.3°  
 No. of lbs. used - 37  
 5  
 67  
 2  
 114

Inb. Cps.  
 21.5°

Out. Cps.  
 28°

Balling.  
 14.1°

Yeast - Off No. 87 Brew.

Sept. 24/30; 7.30 A.M.; Temp - 70°; Balling - 2.6°  
 " 26/30; 7.50 A.M.; " - 68°; " - 2.1°  
 " 28/30; Racked - ; " - 2.1°

No 4 run

Ale.

Sept. 28/30.

Malt - 5000 lb. G.M. Co (1<sup>st</sup> Co. g.)  
 Hops - (35 Angers) ; (35 B. (1/2)) ; (50 Kent's)  
 6.8 ; 6.8 ; 1.5 K. M. S. ; 2 Porters

Wash -  $\frac{157}{37}$   
 Sparge -  $\frac{210}{8}$   
 Sparge -  $\frac{170}{17}$  ; 2 Sparge -  $\frac{170}{2}$   
 Boil Heat - 154°

First run - 20%  
 Last - 2.2%  
 No. of Gallons - 37  
 8  
 67  
 2  
114

In Cop.  
 21.5"

Out of Cop.  
 28"

Balling.  
 14.1%

Yeast - Off No. 89 Brew.

Sept. 24/30 ; 7.30 A.M. ; Temp. - 68.5° ; Balling - 9.7%  
 " 25/30 ; 7.30 A.M. ; " - 69.5° ; " - 4.4%  
 " 27/30 ; 7.30 A.M. ; " - 69° ; " - 2.5%  
 " 29/30 ; - Racked - ; " - 2.25%



No. 5 - 9

All - Sept. 23/30.  
 Hops - 5000 lb. C. M. C. (1st Car).  
 Hops - (35 Oregon); (35 Oregon); (20 Kents).  
 5 S; 6 M; 2 K. M. S.; N. Poterane

Mash -  $\frac{157}{38}$   
 Malt -  $\frac{210}{8}$   
 Sparge -  $\frac{170}{67}$ ; H. Sparge -  $\frac{110}{2}$   
 Cap Heat - 15H  
 First run - 21.4%  
 Last - -1.8%  
 N. of Hops used - 38  
 8  
 67  
 2  
115

Int. Cap.  
 21"

Out. Cap.  
 27.5"

Baling  
 14.2%

Yeast. - G. W. 90 Brew.

Sept. 24/30 ; 7.30 A.M. ; Temp. - 59° ; Baling - 13.8%  
 " 25/30 ; 7.30 A.M. ; " - 69° ; " - 9.5%  
 " 26/30 ; 7.30 A.M. ; " - 70° ; " - 4.6%  
 " 27/30 ; 7.30 A.M. ; " - 70° ; " - ~~3~~ 3%  
 " 29/30 ; 7.30 A.M. ; " - 68° ; " - 2.5%  
 " 30/30 ; Racked ; " - 2.2%

No. 6 run.

Alc.

Sept. 24/30.

N.B. Malt - 5000 lbs. C. M. Co. (1<sup>st</sup> Par)  
Hops - (35 Crotons); (35 Puggles); (20 Kent)  
6 H; 6 M; 1.5 K. M.S.; 2 Porterwood.

Wash -  $\frac{100}{37}$   
Underlet -  $\frac{210}{8}$   
Sponge -  $\frac{170}{68}$ ; Hops -  $\frac{110}{2}$   
Pap Heat - 157/4

Run - 19.52  
Lost - 1.87  
No. of lbs. used - 37  
8  
68  
2  
115

21<sup>st</sup> Cop.

28<sup>th</sup> Cop.

14.18  
Balling

Yeast - Off No 91 Beer.

Sept. 25/30; ~~50~~ <sup>7.20 AM</sup>; Temp - 60°; Balling - 13.72  
27/30; 7.30 AM; " - 69.5°; " - 4.6%  
Oct. 1/30; 7. Racked -; " - 2.26%



N. 1 run

Alb.

Sept. 25/30.

Malt - 500 lb. C.M.C. (1<sup>st</sup> Car.)  
 Hops - (35 Pilsner); (20 Pilsner + 15 Pilsner); 20 Pilsner  
 6 lb; 6 lb; 1.5 lb. U.S.; 2 Porters

Mash - $\frac{134}{37}$	Spit run - 20°
Underlet - $\frac{210}{9}$	Wort - 2°
Gauge - $\frac{174}{66}$ ; W. Spang $\frac{174}{1}$	Wort W. used - 37
Wsp Heat - 1574°	8
	68
	<u>114</u>

2<sup>nd</sup> Cop  
21.5°

Out of Cop.  
128°

Balling -  
14.1°

Yeast - Wf No 92 Brew.

Sept. 27/30 ; 7.30 A.M. ; Temp - 69.5° ; Balling - 9.25°  
 Oct. 2/30 ; Racked ; " - 1.95°

No. 2 Run

Ale.

Sept. 26/00.

Malt - 5000 lb. C. M. Co. (1<sup>st</sup> Car).Hops - (35 Ougars); (20 Ougars & 15 Langle); (20 Pungible.)  
6 S; 6 M; 1.5 N. M. S.; 2 Potereese.Mash -  $\frac{150}{37}$ Mudlet -  $\frac{210}{170}$ Sponge -  $\frac{170}{67}$ ; Hop. -  $\frac{170}{2}$ Lap Heat -  $-154^{\circ}$ 

First run - 20.9%

Last " - 2.2%

No. of lbs used - 37

67

2

117Dk Cop.  
22"Out of Cup  
24"Balting  
14.15%

Yeast - Off No. 93/Brew.

Sept. 27/00; 7.30 A.M.; Temp. -  $60^{\circ}$ ; Balting - 13.8%" 29/00; 7.30 A.M.; -  $70^{\circ}$ ; " - 3.9%Oct. 3/00; - Racked - ; " - 2.15%



No 3 run

All

Sept. 27/30.

Kalt - 5000 lb. C. M. Co (1<sup>st</sup> Cor).  
 Pops - (35 Regens); (20 Regens 15 Fuggles); (20 Fuggles).  
 6 S; 6 K; 1.5 K. M. S; 2 P. M. S.

Heat -  $\frac{150}{37}$   
 Heat -  $\frac{210}{8}$   
 Spurge -  $\frac{170}{8}$ ; Dep. -  $\frac{170}{2}$   
 Dep Heat - 45.4

First run - 21%  
 Last - 2%  
 N. of M. used - 37  
 8  
 68  
 2  
 115

Sub Cop.  
 21"

Auto Cop.  
 27.5"

Balling  
 14%

Heat - Off No. 94 Paw.

Sept. 30/30 ; 7.30 A. M. ; Temp. - 69.5° ; Balling - 3.4%  
 Oct. 4/30 ; - Racked - ; " - 1.65%

No. 4 Inc.

Sept: 29/50  
 Alt. - 5000. No. D. & C. N. Co's (2nd Cav)  
 35 Oregon; 20 Oregon (157 angles); 20 Fragles  
 68; 6 M; 25 K.M.S. & 2 Robinsone.

Mass -  $\frac{151}{37}$   
 Populst -  $\frac{310}{8}$   
 Page - 70; Pop. - 120  
 Pop. stat - 154

Fugal run - 21%  
 East - 1.8%  
 No. of M. used - 37  
 68  
 114

Int. Cap.  
~~21%~~ 19.5%

Outs. / Cap.  
~~21%~~ 26%

Bull's  
 13.95%

East - Off 95 Bew.

Oct 2/31; 7.30 A.M.; Temp. 69.5°; Calling 4.2%  
 " 6/32; ———— Rocked — ; ———— 1.7%



No. 5 Run

Stout.

Sept. 30/30.

Malt - 5000 lbs. C. M. Co. & 2500 lbs. B. Barby. (2<sup>nd</sup> Cr.)  
 Hops - (35 Oregon); (30 Oregon & 15 Fuggles); (20 Fuggles)  
 6 lb; 6 lb; 2.5 K. U. S.;  $\frac{1}{2}$  G. root;  $1\frac{1}{2}$  C. root; 2 S. root.  
 Potereus -  $112\frac{1}{2}$ .

Mash -  $\frac{100}{31}$   
 Mucklet -  $\frac{210}{8}$   
 Spruce -  $\frac{50}{61}$ ; H. sp. -  $\frac{176}{2}$   
 Tap Heat -  $153^{\circ}$

First run - 22%  
 Last - 1.9%  
 No. of lbs used - 38  
 68  
 2  
 116

Into Cys.  
 20"

Out of Cys.  
 25.5"

Balling.  
 15%

Least - Off No 96 Brew.

Oct. 3/30 ; 7:30 A.M. ; Temp. -  $69.5^{\circ}$  ; Balling -  $6.9^{\circ}$   
 " 7/30 ; - Racked - ; -  $3.4^{\circ}$

No. 6 Run.

Alb

Oct. 1/30.

Malt - 5000 lbs C.M.C. (2<sup>nd</sup> Cr).  
 Hops - (35 Oregon); (20 Oregon & 15 Fuggles); (20 Fuggles)  
 6 lbs; 6 lbs; 1.5 K.M.S.; 2/Potterdine.

Wash -  $\frac{150}{37}$   
 Malt -  $\frac{210}{8}$   
 Sparg. -  $\frac{170}{87}$ ; Hop. -  $\frac{170}{2}$   
 Tap Heat -  $153^{\circ}$

First run - 20.9%  
 Last " - 2.4%  
 No. lbs. used - 37  
 8  
 67  
 2  
 114

Int. Cop.  
 21.5%

Out. of Cop.  
 28%

Balling.  
 14.35%

Yeast - Off No. 97/Baw.

Oct. 4/30 ; 7.30 p.m. ; Temp. -  $67.5^{\circ}$  ; Balling - 4.7%  
 " 8.30 ; - Racked - - ; " - 2.2%



No. 1 run.

Ale.

Oct 2/30

Malt - 5000 lbs. C. M. Co. (2<sup>nd</sup> Cr.)Hops - (35 Oregon); (20 Oregon & 15 Fuggles); (20 Fuggles)  
6 lb; 6 lb; 1.5 lb. U.S.; 2 Portereine.Mash -  $\frac{150}{37}$ Hydrolit -  $\frac{210}{8}$ Spaige -  $\frac{170}{69}$ ; Hop. -  $\frac{170}{2}$ 

Tap heat - 152

First run - 21.2%

Last run - 1.7%

No. of lbs. used - 37

7

69

2

---

116Into Cop.  
20"Out of Cop.  
26.5"Balling.  
14%

Yeast - Off No. 98 Brew.

- Oct 9/20 - Racked - ; Balling - 2%

No. 2 Run.

Al.

Oct. 3/30.

Malt - 5000 lbs. C. M. Co. (2<sup>nd</sup> Gr)  
 Hops - (35 Oregon); (20 Oregon & 15 Puggles); (20 Fuggles).  
 Cell; 6M; 1.5 K. M. S.; 2 Potstone

Mash -  $\frac{100}{36}$   
 Malt -  $\frac{210}{7}$   
 Sparge -  $\frac{170}{70}$ ; Hop. -  $\frac{120}{7}$   
 Top Heat - 153

First run - 21.7%  
 Last - 2%  
 No. of lbs. used - 36  
 70  
 1  
 115

In Cop.  
 19.5%

Out of Cop.  
 26"

Balling  
 13.9%

Yeast - Of No. 99 Brew.

Oct. 6/30 ; 7.30 AM. ; Temp. - 69.5° ; Balling - 4%  
 " 10/30 ; Racked ; " - 1.7%



N. 3 run

Sparkling Ale.

Oct. 4/31.

N.B.

Malt - 5000 lb. C. M. Co. 2<sup>nd</sup> Cor.Hops - (30 Pilsner); (35 P.C.); (20 Fuggles).  
5 lb; 6 lb; 12 K.M.S.Wash -  $\frac{15^{\circ}}{32}$ Mash -  $\frac{211^{\circ}}{8}$ Sponge -  $\frac{120^{\circ}}{68}$ ; Hop -  $\frac{170^{\circ}}{2}$ Cap Heat -  $155^{\circ}$ 

First run - 21.7%

Last - 1.4%

No. of lbs. used - 32

8

65

2

---

110Into Cop.  
32.5°Out of Cop.  
29°Balling  
13.15%

Yeast - Off No. 100 Brew.

Oct. 7/31; 2.30 AM; Temp. - 69.5°; Balling - 2.9%

" 11/30; - Racked -; " - 1.7%

No. 4 Run.

Alc.

Oct. 6/30.

Malt - 5000 lbs. C. M. Co. (2<sup>d</sup> Car).

N.B.

Hops - (35 Oregon) ; (35 P. C.) ; (20 Puggle)  
6 M ; 6 M ; 1.5 K. M. S. ; 2 Portenece.Mash -  $\frac{150}{37}$ Underlet -  $\frac{240}{8}$ Spray -  $\frac{470}{68}$  ; Hops -  $\frac{120}{7}$ 

Pap. Heat - 155"

First run - 21.5%

Last " - 1.8%

N. of Mts. used -  $\frac{37}{8}$ 

68

114

Into Cop.

Out of Cop.

Balling.

20"

26.5"

14%

Yeast - Off No 101 Brew.

Oct. 9/30 ; 7.30 AM. ; Temp. - 69.6° ; Balling - 4.4%

" 13/30 ; — Racked — ; " V - 2.1%



No. 5 Inn

Ale.

Oct. 7/30.

Malt - 5000 lbs. C. M. Co. (2<sup>nd</sup> Car).  
 Hops - (35<sup>0</sup> Oregon); (30<sup>0</sup> B. C.); (20<sup>0</sup> Fingert).  
 6 L; 6 M & 1.5 K M.S.; 2 Portwood

Heat -  $\frac{150}{36}$   
 Insult -  $\frac{20}{8}$   
 Sprays -  $\frac{50}{69}$ ; Hops -  $\frac{170}{1}$   
 Tap Heat - 154<sup>0</sup>

First run - 21.79  
 Lost - - 2?  
 No. of allowed - 36  
 69  
 114

Inb Cop.  
 28"

Out of Cop.  
 26.5"

Balling  
 14<sup>0</sup>

Yeast - Off No. 102 Brew.

Oct. 10/30 ; 7.30 AM ; Temp. - 69.5 ; Balling - 3.95<sup>0</sup>  
 " 14/30 ; - Racked - ; " - 1.8<sup>0</sup>  
 Oct.

No. 6 run.

Sparkling Ale. Oct. 8/80.  
 Malt - 45 lbs. C. M. Co. (2<sup>d</sup> Cor)  
 Hops - (20 Oregon); (35 P.C.); (20 Fuggles).  
 5 S; 6 M; 2 K.M.S;

Wash -  $\frac{150}{33}$   
 Mould -  $\frac{20}{8}$   
 Sparger -  $\frac{170}{68}$ ; Hop. -  $\frac{120}{2}$   
 Cap Heat - 154

First run - 20.7%  
 Last - - 1.75%  
 No. of lbs. used -  $\frac{33}{8}$   
 68  
 2  
 III

2<sup>d</sup> Cop.  
 22.5%

Out of Cop.  
 29.5%

1<sup>st</sup> Billing.  
 13.2%

Yeast - Off No. 103 Brew.

Oct. 15/30; 7:30 A.M. Day Packed - Billing - 1.75%



No. 1 Run.

Ale.

Oct. 9/30.

Malt - 5000 lb. C. M. Co. (2<sup>nd</sup> Car).  
 Hops - (35 Oregon); (35 B. C.); (20 Fuggles).  
 6 lb; 6 lb of 1.5 K. M. S.; 2 Portneuse.

Wash -  $\frac{150}{37}$   
 Washed -  $\frac{210}{8}$   
 Charge -  $\frac{170}{68}$ ; Kopp -  $\frac{170}{3}$   
 Pop Heat - 153°

First run - 21.5%  
 Last " - 3.2%  
 No. of lbs. used - 37  
 8  
 68  
 3  
 116

Into Cop.  
 22

Out of Cop.  
 28.50

Balling.  
 14.1%

Yeast - Off No. 103 Brew.

Oct. 11/30; 7.20 AM; Temp. - 69.5°; Balling - 3.1%  
 " 16/30; Racked; " - 1.8%

No. 7 run  
(N.B)

Ale.

Oct. 9/30

Malt - 5000 lbs. C. M. Co. (2<sup>nd</sup> Cr.)  
 Hops - (35 Lugans); (35 B.C.); (20 Puggles).  
 6.5; 6.5; 9.5 K.H.S.; 2 Patience.

Mash -  $\frac{150^\circ}{36}$ Mash -  $\frac{210}{8}$ Sparge -  $\frac{170}{70}$  ; Hop. -  $\frac{121}{2}$ Tap Heat -  $154^\circ$ 

Fut run - 19.3%

Last - " - 2.9%

No. of Malt - 36

70

2

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1162<sup>nd</sup> Cop.

19.5%

1<sup>st</sup> Cop.

26.5%

Balling

14.9%

Yeast - Off No's 103-4 Brews.

Racked ; - Oct. 16/30 - ; Balling - 2.1%



No. 2 run.

Sparkling Ale.

Oct. 10/30.

Malt - 5000 lb. C. M. Co.

Hops - (20 Oregon); (35 B.C.); (20 Fuggles).  
5 lb; 6 lb; 2.5 K.M.S.;Wash -  $\frac{150}{33}$ Mash -  $\frac{210}{8}$ Sparge -  $\frac{170}{69}$ ; Hop. -  $\frac{170}{2}$ 

Wap Heat - 153'

First run - 21.2%

Last - 1.3%

No. of bbl. used - 53

69

 $\frac{1}{2}$ 1105Into Cop.  
21.5"Out of Cop.  
28"Balling  
12.8%

Last - Off No. 104 Brew.

Oct. 13/30; 7.30 AM; Temp. - 69.5°; Balling 3.5%

Oct. 16/30; — Racked —; " 1.7%

No. 3 run.

Ale.

Oct. 11/30.

Malt - 5000 lbs. C. M. C. (2<sup>nd</sup> C. + 23 Bags for Keith).  
 Hops - (35 Oregon); (35 B.C. 12); (25 Fingles)  
 6 lb.; 6 lb. S. 1.5 K. M. S.; 2 Potassum.

Mash -  $\frac{160}{37}$   
 Underlet -  $\frac{24}{4}$   
 Charge -  $\frac{130}{69}$ ; Hop -  $\frac{120}{1}$   
 Cap Heat - 154

First run - 21.6%  
 Last - 1.4%  
 Total Malt used - 37  
 69  
 115

Inb Cop.  
 20 "

Out of Cop.  
 26.5 "

Balling  
 14%

Least - Off No's 105-6/Buns.

Oct. 14/30; 7.30 AM; Temp. - 69.5°; Balling - 1.8%  
 " 18/31; Racked - —; " - 1.85%



No. 4 Run.

Ale.

Oct. 13/30.

Malt - 5000 lbs. C. M. Co. (3<sup>rd</sup> Cr.)  
 Hops - (35 Cragons); (35 B.C.'s); (20 Puggles)  
 Ash; 6 M. S. 1.5 K. M. S.; 2 Poterene

Mash -  $\frac{150}{37}$   
 Underlet -  $\frac{210}{8}$   
 Sparger -  $\frac{170}{69}$ ; Hop. -  $\frac{170}{1}$   
 Sap Heat - 156

Fisetrum - 21.5%  
 Last - - 1.5%  
 N. of M. S. used - 37  
 69  
 1  
 115

Into Cop.  
 20.5 "

Out of Cop.  
 27 "

Balling.  
 13.95%

Yeast - Off No. 106 Brew.

Oct. 16/30; 7.30 A.M.; Temp. 76.5°; Balling - 39%  
 " 20/30; Racked " - 1.95%

No. 5 Tun.

Alc.

Oct. 14/90.

Waff - 5000 lbs. C. M. G. (3rd Cr.).  
 Lops - (35 Dregas); (35 B. C.); (20 Piggles).  
 6 S; 6 M; 1.5 K. M. S.; 2 Portarund.

Mash -  $\frac{160}{37}$   
 Unshel -  $\frac{210}{8}$   
 Spry -  $\frac{170}{69}$ ; Kop. -  $\frac{110}{2}$   
 Pap heat - 10%

Final run - 21.5%  
 Last - 2.1%  
 No. of lbs. used - 37  
 69  
 2  
 116

Inb Cop.  
 20.5%

Out of Cop.  
 27.5%

Balling  
 14%

Heat - - Of Nos 109-111 Brews.

Oct. 17/90; 7.30 AM; Temp. - 69.5°; Balling - 4.2%  
 " 21/30; Reached; " - 2%



No. 6 Run.

Ale.

Oct. 15/20.

Malt - 5000 lbs. C. M. Co.  
 Hops - (85 Oregon), (35 B.C.), (20 Fuggles).  
 6 S; 6 M; 4.5 K.M.S; 2 Portneuse.

Heat -  $\frac{150}{37}$   
 Hydret -  $\frac{210}{7}$   
 Sprays -  $\frac{170}{70}$  Hops -  $\frac{170}{1}$   
 Sp Heat - 155

Fixed sum - 21.8%  
 Cost - " - 1.7%  
 No. of lbs. used 37  
 8  
 70  
 1  
 116

2<sup>nd</sup> Cop.  
 19.5"

Out of Top.  
 26

Belling  
 13.95%

Yeast - Off No. 110 Brew.

Oct. 18/20; 7:30 A.M.; Temp - 69.5°; Belling - 4.3%  
 " 22/20; Racked - ; " - 2 1/2

1930 - 31

No. 1 run.

Oct. 16/30.

Halt - 5,000 ll. C. N. Co. (3<sup>d</sup> Cor.)  
 Pops - (35 Dregs); (35 B.C.); 39 Fuggles).  
 5 H; 6 M; 1.5 K. M. S.; 2 Watered.

Hash -  $\frac{150}{37}$   
 6 Underlet -  $\frac{210}{9}$   
 Spry -  $\frac{170}{69}$ ; Pop. -  $\frac{170}{7}$   
 Pop Hat - 158°

First run - 21.5%  
 Last " - 1.9%  
 No. of Hlls. used - 37  
 9  
 69  
 115

In to Cop.  
 19.5°

Out of Cop.  
 26.5°

Balling.  
 14.1%

Least - 46 lb. from Nelson's. N.B.

Oct. 28/30; 7.30 A.M.; Temp. Racked - Balling - 4.2%



No 7 run.

Sparkling Ale.

Oct. 16/30.

Malt - 45<sup>0</sup> lbs. C. M. C. (5<sup>th</sup> Car)  
 Hops - (~~20~~ Oregon); (35 B. C.); (20 Fuggles).  
 5 S; 6 M.S.; 2 K. M. S.

Mash -  $\frac{150}{32}$   
 Muddled -  $\frac{210}{8}$   
 Squeeze -  $\frac{170}{69}$ ; Keps.  $\frac{170}{1}$   
 Wap Heat - 153°

First run - 20%  
 Last " - 1.2%  
 No. of lbs. used - 32  
 8  
 69  
 1  
 110

In Cop.  
 23%

Out of Cop.  
 29%

Balling.  
 12.95%

Yeast - 45 lbs. from Holman's.

Reached - Oct. 23/30; Balling - 3.3%

No. 2 Run.

Ale.

Oct. 17/30.

Malt - 5000 lbs. C. M. Co. (3<sup>rd</sup> Coy).  
 Hops - (35 Oregon); (35 B. Co.); (20 Pungles)  
 6 lb; 6 M; 1.5 K. M. S.; 2 Potassum.

Mash -  $\frac{150}{36}$   
 Malt -  $\frac{210}{8}$   
 Sparge -  $\frac{120}{69}$ ; Hop -  $\frac{170}{3}$   
 Tap Heat - 186

First run - 21.9%  
 Last - 1.9%  
 No. lbs. used - 36  
 9  
 69  
 3  
 116

Into Cop.  
 21"

Out of Cop.  
 28"

Balling  
 14.2%

Yeast - 46 lbs. Nelson's.

Oct. 20/31; 7:31 A.M.; Temp. - 69.5°; Balling - 8.8%  
 " 24/31; - Racked - ; " - 4.25%



No. 3<sup>rd</sup> run.

Ale.

Oct-18/30.

Malt - 5000 lbs. C. M. Co. (3<sup>rd</sup> Cav).

Hops - (35 Queens); (25 B. C.); (20 Fuggles).

6 S; 6 M; 1.5 K. M. S.; 2 Potentilla.

Wash -  $\frac{100}{37}$ Underlet -  $\frac{210}{7}$ Sparge -  $\frac{170}{69}$ ; Hop. -  $\frac{170}{2}$ 

Pap heat - 154

First run - 21.8%

Last - " - 1.7%

No. of allowed - 37

8

69

2

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116In Cop.  
20.5%Out of Cop.  
27%Balling.  
142

Yeast - Off No. 114 Brew.

Oct-21/30; 7.30 A.M.; Temp. - 69.5°; Balling - 3.3%

" 25/30; - Racked - ; " - 1.8%

North Inn

Alle Oct. 20/30

Malt - 500 lbs. G. M. Co (3rd Cor).  
 Hops - (35 Oregon); (35 B. Co.); (20 Fingles)  
 25; 6 M; 15 K. S.; 2 Pterew.

Mash -  $\frac{100}{37}$   
 Underlet -  $\frac{26}{70}$   
 Space -  $\frac{69}{2}$ ; Kop. -  $\frac{170}{2}$   
 Dep. Bent - 15.5

First run - 27.69  
 Last - " - 2.32  
 M. of allb. used - 37  
 69  
 114 1/2

In to Cop.  
 20.57

Out of Cop.  
 27"

Balling -  
 13.95%

Yeast - Off No 115-Brew.

Racked; Oct. 27/30; Balling - 2%



No. 2

Sparkling Ale.

Oct. 21/30.

Malt - 4500 lbs. (37 Car.)  
 Hops - (20 Oregon); (35 B. C.); (20 Puggles)  
 5 S; 6 M; 2 K. M. S.

Mash -  $\frac{150}{35}$   
 Mould -  $\frac{210}{8}$   
 Charge -  $\frac{176}{84}$ ; Hop. -  $\frac{12}{1}$   
 Paper - 105

First run - 21.16  
 Last " - 1.96  
 No. of lbs. used - 33  
 68  
 $\frac{1}{2}$   
 109 $\frac{1}{2}$

In Cop.  
 22 "

Out of Cop.  
 28.5 "

Balling.  
 12.8%

Yeast - Off No. 116 Brew.

Oct. 24/30; Fer. 7.30 A.M.; Temp. - 69.5°; Balling - 3.7%  
 " 28/30 - Racked - Balling - 2.65%

No. 6, run.

Ale.

Oct. 22/30.

Malt - 5000 lbs. C. M. Co. (3<sup>rd</sup> Car).  
 Hops - (35 Oregon); (35 B.C.O.); (24 Fuggles).  
 6/8; 6 M; 1.5 K.M.S.; 2 Portlands.

Wash -  $\frac{150}{37}$   
 Muddled -  $\frac{210}{8}$   
 Squeeze -  $\frac{120}{68}$ ; Kops -  $\frac{110}{2}$   
 Tap Heat - 154°

First run - 21.7%  
 Port - 2.29%  
 No. of lbs. used 37  
 8  
 68  
 2  
 115

In Cop.  
 21.5%

Out of Cop.  
 28%

Balling.  
 14.2%

Yeast - Off No. 116 Brew.

Oct. 26/30; <sup>7.50 AM</sup> Temp - 69.5; Balling - 4.7%  
 " 29/30 - Racked - " - 2.89%



No. 7.

Ale

Oct. 23/0

Malt - 5000 lb. C. M. Co. (4<sup>th</sup> Car.)  
 Hops - (35 Oregon); (35 B. C.); (20 Puggles)  
 6 lb.; 6 lb.; 1.5 lb. N.S.; 2 Poterene.

Malt -  $\frac{153}{37}$   
 Mould -  $\frac{210}{8}$   
 Hops -  $\frac{170}{88}$ ; K<sub>1</sub> +  $\frac{110}{1}$   
 Wap Heat - 154°

First run - 21.5%  
 Last " - 2.6%  
 No. of lbs. used -  $\frac{37}{8}$   
 68  
 1  
 114

In to Cop.  
 21"

Out of Cop.  
 27.5"

Balling.  
 13.9%

Yeast - Of No. 117 Brew.

Oct. 30/31; 6.35 A.M.; Racked - Balling - 28%

7  
~~No. 7~~ m.

Al.

Oct. 23/20.

Malt - 5000 lbs. C. M. Co (4<sup>th</sup> Car)  
 Hops - (35 Oregon); (35 B.C.); (30 Puyallup)  
 6 L; 6 K.; 1.5 K. S.; 2 Portene

Wash -  $\frac{150}{36}$   
 Wash -  $\frac{210}{8}$   
 Sparge -  $\frac{170}{69}$ ; Hops -  $\frac{110}{2}$   
 Pap Heat - 154°

Spent m - 20.59  
 Cost " - 2.32  
 No. of lbs. used - 36  
 69  
 2  
 115

Into Cop.  
 21

Out of Cop.  
 27.5

Balling  
 14.18

Yeast - Off No. 118 Brew.

Oct. 20/30; - Racked - Balling - 2.9%



No. 2 run.

Alc.

Oct. 24/30

Malt - 5000 lb. C. M. Co (4<sup>th</sup> Car).  
 Hops - (25 Oregon), (35 B. Co.), (20 Puggles).  
 6 lb; 6 lb; 1.5 lb M. S.; 2 Portereent

Mash -  $\frac{160}{36}$ Mundult -  $\frac{210}{8}$ Sponge -  $\frac{170}{70}$  ; Hop. -  $\frac{120}{8}$ 

Sap Heat - 154°

Fist run - 21.8%

Last " - 3.1%

No. of lbs used - 36

8

70

1152<sup>nd</sup> Cop.  
20"Out of Cop.  
27"Balling -  
14%

Yeast - Off No 118/Ber.

Oct. 27/30 ; 7:30 A.M. ; Temp. - 69.5° ; Balling - 4%  
 " 31/30 ; — Racked — ; — — 2.8%

N. 3 Run.

Ale - Oct. 25/30.  
 Malt - 5000 lbs. C. M. C. (4<sup>th</sup> Cor.)  
 Hops - (35 Oregon) ; (35 B.C.s) ; (20 Pungles).  
 6.8 ; 6.8 ; 1.5 K. M. S. ; 2 Portwine.

Mash - $\frac{150}{36}$		Just now - 21.8%
Mudgill - $\frac{210}{8}$		Cost - 2.9%
Temp - $\frac{170}{69}$ ; Hops $\frac{170}{2}$		No. of lbs. used - 37
Days Heat - 154		8
		69
		2
		<u>116</u>

Dts. Cop.  
 20

Cts. of Cop.  
 27

Billing  
 14%

Yeast - Off Nis. 115 & 120 Brews.

Oct. 28/30 ; 7.30 A.M. ; Temp. - 69.0° ; Billing - 3.9%  
 Nov. 1/30 ; — Racked — ; " — 2%



N. H. J. m.

Alc.

Oct. 27/30.

Malt - 5000 lbs. C. M. Co. (4<sup>th</sup> Car)  
 Hops - (35 Oregon); (35 B. P.); (20 Fuggles).  
 6 S; 6 M; 1.5 K. M. S.; 2 Portereine.

Mash -  $\frac{130}{36}$   
 Modulated -  $\frac{210}{9}$   
 Sparger -  $\frac{170}{69}$ ; Hops -  $\frac{170}{7}$   
 Cap Heat - 154

First run - 22%  
 2<sup>nd</sup> - 2.6%  
 No. of lbs. used - 56  
 69  
 114

Int. Cap.  
 20.5"

Out. Cap.  
 27.5"

Balling  
 14 1/2"

Yeast - Off No. 122 Brew.

Oct 31/30; 6:30 AM; Temp. - 69.5°; Balling - 4.9%  
 Nov. 3/30; - Racked; " - 2.5%

N. 5 Inn

Ale.

Oct. 28/30.

Malt - 5000 lbs. C. M. Co. (4<sup>th</sup> Co.).Hops - (35 Oregon); (35 B. Co.); (25 Fingles).  
6 lb; 6 M. G.; 1.5 K. M. S.; 2 Portenane.Wash -  $\frac{150}{37}$ Woluit -  $\frac{24}{8}$ Sparge -  $\frac{170}{68}$ ; Hop. - 4'

Tap Heat - 154°

First run - 21.5%

Cost - " - 1.5%

Net Al. met - 37

8

68

114Dts Cop.  
20.5'Cuts Cop.  
28.5'Ballig  
14.9%

Yeast → Off N. in 121-122 Buns

Oct. 31/30; 7.31 A.M. Temp - 69.5°; Ballig - 5%

N. 4. 4/30; - Racked - ; " " 2.1%



N.B. Dem.

Ale

Oct. 29/30.

Malt - Food Mls. C.M.C. (4<sup>th</sup> Cer).

Hops - (35 Ougms); (35 B.C.); (20 Fuggles).

6 lb; 6 M.; 1.5 K.M.S.; 2 Porterene.

Mash -  $\frac{150^\circ}{36}$ Underlet -  $\frac{210^\circ}{8}$ Sparge -  $\frac{170^\circ}{69}$ ; Hop. -  $\frac{170^\circ}{2}$ Prop Heat -  $154^\circ$ 

First run - 21.6%

Heat - 3.4%

Water - 36

69 1/2

12

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113 1/2Into Cap.  
20"Out of Cap.  
26.5"Balling.  
13.8%

Yeast - Of No's 121 &amp; 123 Brews.

Nov. 1/30; 7.30 A.M.; Temp -  $69.5^\circ$ ; Balling - 4.6%

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" 5/30; — Racked —; " — 2.3%

No. 1 run.

Alc.

Oct. 30/30.

Halt - 5000 lb. C. M. Co. (4<sup>th</sup> Car.)  
 Hops - (80 Oregon); (35 B. C.); (20 Pungles)  
 6 H.; 6 M.; 1.5 K. M. S.; 2 Pterocera.

Hack -  $\frac{150}{36}$   
 Mulch -  $\frac{20}{4}$   
 Spruce -  $\frac{170}{69}$ ; Hop. -  $\frac{120}{2}$   
 Cap. - 154

First run - 217%  
 Last " - 2%  
 No. of lbs. used 36  
 2  
 69  
 2  
 115

Ink Cop.  
 20.5"

Out of Cop.  
 27.5"

Balling.  
 14%

Geat - Off No. 24 Broom.

No. 6/30 ; - Reached - Balling - 2.6%



No 7<sup>th</sup>

Alb.

Oct 30/30

Malt - 5000 lbs. C. M. C. (4<sup>th</sup> Cr.)  
 Hops - (30 Oregon) ; (35 B. C.) ; (20 Fuggles).  
 Cold ; 6 M. C. ; 1.5 K. M. S. ; 2 Potatoes.

Mash -  $\frac{150}{37}$ Underlet -  $\frac{200}{8}$ Sparge -  $\frac{170}{68}$  ; Top -  $\frac{170}{2}$ 

Exp. Heat - 154

First run - 21.9%

Last - " - 2%

Water - 37

8

68

2

---

115

In Cop.  
20.5%Out of Cop.  
27.5%Balling  
14.3%

Yeast - Off W. 123 Brew.

Nov. 6/30 ; - Racked - Balling - 2.85%

No. 2 run.

Ale.

Oct. 31/30.

Malt - 5000 lbs. C. M. C. (4<sup>1/2</sup> (gr.))  
 Hops - (35 Oregon); (35 B. C.); (21 Fuggles)  
 6 lb; 6 lb; 1.5 lb M. S.; 2 Puterans.

Mash -  $\frac{150}{37}$ Underlet -  $\frac{210}{8}$ Sparge -  $\frac{190}{69}$ ; Hop. -  $\frac{170}{2}$ 

Prep Heat - 154°

First run - 21.3%

Last " - 1.7%

Water - 37

69

2

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116Into Cop.  
20"Out of Cop.  
27"Balling  
13.8%

Yeast - Off No. 26 &amp; Brew.

No. 430 ; 7.30 A.M. ; Temp. 49.5° ; Balling - 4.2%  
 " 7/30 ; — Racked — ; " — 2%



No 3 run.

Ale.

Set Nov. 1/30.

Malt - 5000 lbs. C. M. C. (4<sup>th</sup> Cav);  
 Hops - (35 Oregon); (35 B. Co.); (20 Tuggles).  
 68, 6 M; R. S. K. M. P.; 2 Porteneve.

Mash -  $\frac{150}{36}$ Mash -  $\frac{20}{8}$ Sparge -  $\frac{120}{69}$ ; Hops -  $\frac{170}{1}$ 

Pump heat - 154

First run - 21.5%

Last - .. - 2%

Water - 36

69

114In to Cops.  
20"Out of Cops.  
26.5"Boiling  
13.85%

Yeast - Off. No. 127 Brew. -

Nov. 1/30; 7:30 AM; Temp - 69.5°; Boiling - 4%

- " 8/30; - Racked - ; " V - 1.9%

No. 4 Run.

Sparkling Ale.

Nov. 3/30.

Malt - 4500 C.M.C. (4<sup>th</sup> Car from Keith's).  
 Hops - (20 Oregon); (35 Bohemian); (20 Fuggles).  
 5 lb; 6 M.S.; 2 K.M.S.

Mash -  $\frac{150}{33}$   
 Modult -  $\frac{20}{9}$   
 Sprage -  $\frac{170}{68}$ ; Hop -  $\frac{170}{2}$   
 Pop Rest - 154

First run - 21.2%

Last " - -

---

 Water - 33

68

 $\frac{1}{2}$ 


---

 109 $\frac{1}{2}$ 

In Cop.  
 21.5%

Out of Cop  
 28.5%

Balling  
 12.75%

Yeast - Off No. 128 Brew.

No. 6/31; 6:30 A.M.; Temp. - 69.5°; Balling - 3.1%

" 11/30; 6:30 A.M.; ~~Rock~~ 50°; " - 1.7%



No. 5 run.

Ale.

Nov 4/30.

Malt - 5000 lbs. C. M. Co. (5<sup>th</sup> Car).  
 Hops - (35 Oregon); (35 B. C.); (20 English).  
 68; 6 M.; 1.5 K. M. S.; 2 Poterene.

Mash -  $\frac{150}{36}$ Mash -  $\frac{240}{8}$ Sparge -  $\frac{170}{69}$  3 Kegs -  $\frac{170}{1}$ 

Boil Heat - 1574

First run - 21.4%

Last " - 2.5%

Water - 36

69

1

~~114~~2 to Cop.  
20"Out of Cop.  
27"Balting  
14%

Yeast - Off No. 129 Brew.

Nov. 7/30 ; 7.30 A.M. ; Temp. - 69.5° ; Balting - 3.7%

" 11/30 ~~7.30~~ Racked - " - 1.85%

No 6 Run.

Sparkling Ale.

No. 6/90.

Malt - 4500 Ls. C. M. Co. (5<sup>th</sup> Car).  
 Hops - (25 Oregon); (35 Boho); (25 Puggles)  
 5 lb; 6 M; 2 K. M. S.

Mash -  $\frac{150}{33}$   
 Malt -  $\frac{216}{8}$   
 Hops -  $\frac{110}{68}$ ; Hop. -  $\frac{176}{2}$   
 Papp Heat - 154

First run - 20.9%  
 Last " - 2.5%  
 Water -  $\frac{33}{68}$   
 2  
 III

White Cop.  
 22"

Out of Cop.  
 28.5"

Balling -  
 12.2%

Least - Off No. 129 Brew.

No. 6/12/90; - Rashed - Balling - 1.8%



No. 1 Run

Ale

Nov. 6/30

Malt - 5000 lbs. C. M. Co. (5<sup>th</sup> Cal.)  
 Hops - (35 lb. mag. ones); (38 B. Co.); (20 Faggles).  
 6 L; 6 M; 15 K. M. P.; 2 Potatoes

Mash -  $\frac{150}{37}$ Mash -  $\frac{210}{8}$ Singe -  $\frac{170}{68}$ ; Hop -  $\frac{170}{1}$ 

Wash - 153°

Fistmas - 26.6

Last " - 24.9

Water - 37

68

1

1142 to Cop  
20"Out of Cop  
26.5"Balling  
14%

Yeast - Off No. 130 &amp; 131 Brew.

Nov. 13/30; — Racked — Balling — 2.7%

No 7 run

Ale No. 6/30

Malt - 5000 lbs. C.M.G. (5<sup>th</sup> Cor.)  
 Hops - (35 Oregon) (35 B.C.); (20 Fuggles)  
 6 S; 6 M; 15 K.M.S.; 2 Bullteene.

Wash -  $\frac{150}{36}$   
 Malt -  $\frac{210}{4}$   
 Spruce -  $\frac{170}{67 \frac{1}{4}}$  -  $\frac{170}{2}$   
 Poplar - 1530

First run - 2122  
 Second - 2222  
 Water - 36  
 69  
 2  
115

In Cop.  
 20.57

Out of Cop.  
 27.57

Balling.  
 14.2%

Yeast - Off No. 130 Brew.

No. 13/30 - Racked - Balling - 2.5%



No. 2 run.

Sparkling Ale. No. 4. 7/30.  
 Malt - 4500 lbs. C. M. Co (5th Cav),  
 Hops - (20 Oregon); (35 Bohs); (20 Fuggles).  
 5 L; 6 N; 2 K. N. S.

Wash -  $\frac{150}{33}$   
 Underlet -  $\frac{210}{9}$   
 Sauge -  $\frac{170}{68}$ ; Kop -  $\frac{170}{1}$   
 Pap Heat + 154

Just run - 21.3%  
 Fast - 2%  
 Water -  $\frac{33}{8}$   
 68  
 1  
 100

In to Cop.  
 22"

Out of Cop.  
 28.5"

Balling  
 12.9%

Yeast - Off No. 132 & 133 Brews.

No. 14/30 - Rashed - Balling - 1.85%

No. 3 Run.

Ale. No. 8/32.

Malt - 5000 lbs. C. M. Co. (5# Car).  
 Hops - (35 Queens); (35 B. C.); (20 Fuggles).  
 68; 6 M; 1.5 K. M. S.; 2 Potent.

Mash -  $\frac{150}{37}$   
 Muddle -  $\frac{210}{8}$   
 Squeeze -  $\frac{70}{68}$ ; Hop. -  $\frac{170}{2}$   
 Tap Heat - 154

First run - 21.8  
 Last " - 2.0  
 Water - 37  
 68  
 2  
 115

Intr Cop.  
 21"

Out of Cop.  
 27.5"

Balling  
 14.15"

Yeast - Of No. 134 Brew.

oil in - Nov 4/30; 6:30 AM; Temp - ~~44~~<sup>69.5</sup>; Balling - 4.4%  
 " 15/20; - Reached - " - 2.2%



Nov. 11/30.

Ale.

Nov. 11/30.

Malt - 5000 lbs C. M. Co. (5<sup>th</sup> Car).  
 Hops - (30 Cuzco); (35 B. C.); (20 Fuggles).  
 6 lb; 6 M.; 1.5 K. M. S.; 2 Potassone.

Wash -  $\frac{162}{37}$ Underlet -  $\frac{210}{8}$ Sparge -  $\frac{178}{69}$ ; Hops -  $\frac{120}{1}$ Nap Heat -  $155^{\circ}$ First run -  $2.6\%$ Last - " -  $2.1\%$ Water -  $37$  $69$  $1$ 

---

 $115$ 

Into Cops

20"

Out of Cops

27"

Balling

14%

Yeast - Off No. 135 Brew.

Nov. 14/30; 6.20 AM; Temp -  $69.5^{\circ}$ ; Balling -  $4.1\%$ " 17/31; Racked - " -  $1.9\%$





No. 6 Tun.

No.

Nov. 12/30.

Malt - 5000 lbs. C. M. Co. (5<sup>th</sup> Car).  
 Hops - (35 Cuzans), (35 B.C.'s), (20 Puggles).  
 6 S; 6 M; 1.5 T.M.S.; 2 Potereene.

Mash -  $\frac{650}{37}$   
 Muddled -  $\frac{210}{8}$   
 Sparge -  $\frac{170}{69}$ ; Hops -  $\frac{170}{1}$   
 Tap Heat - 154

First run - 22.2%  
 Last " - 1.7%  
 Water - 37  
 69  
 1

~~58~~  
 115

Into Cops.  
 21"

Out of Cops.  
 27"

Balling  
 13.8%

Yeast - Wff No. 138 Brew.

Nov. 18/30; -  $\frac{Temp. 69.5^\circ}{Racked}$ ; Balling - 4%  
 Nov. 19/30; -  $\frac{Racked}{}$ ; " - 2%

No. 1 Run.

Ale

Nov. 13/60.

Malt - 5000 lb. P. M. Co. (1st Cr.)  
 Hops - (25 Oregon); (35 B. C.); (20 Fingles)  
 6 S; 6 M; 1.5 K. M. P.; 2 Patien.

Mash -  $\frac{151}{37}$   
 Underlet -  $\frac{24}{9}$   
 Sarg -  $\frac{170}{68}$  Hops -  $\frac{60}{2}$   
 Top heat - 154

First run - 21.6%  
 Last " - 2.5%  
 Water - 37  
 8  
 68  
 2  
 115

In to Cop.  
 21"

Out of Cop.  
 27.5"

Balling  
 14.0%

Beast - Off No. 137 Brew.

Nov. 23/61; ~~20/61~~ Racked - Balling - 2.2%



No 7 Run.

Ale.

Nov. 14/30.

Malt - 5000 lbs. P. M. Co. (1st Cr.).  
 Hops - (35 Cragons); 35 B. Co.; (20 Tuggles).  
 6 S.; 6 N. Co.; 16 K. H. S.; 2 Porters.

Mash -  $\frac{180}{36}$   
 Malt -  $\frac{210}{9}$   
 Sarge -  $\frac{170}{68}$ ; Hop. -  $\frac{170}{2}$   
 Top Heat - 154

First run - 21.8%  
 Last - " - 2.4%  
 Water - 36  
 68  
 2  
 114

Into Cop.  
 20.5%

Out of Cop.  
 27.5%

Balling  
 14.05%

Heat - Off No 139 Brew.

Nov. 17/30; 7.38° A.M.; Temp. - 62.5°; Ball - 4.7%  
 " 20/30; " " " " " " - 3.2%

No 2 run

Alc.

Nov. 14/30.

Malt - 5,000 lbs. P. M. Co. (1st Car).  
 Hops - (25 Czechas); (35 B. C.); (20 Fuggles).  
 6 S; 6 M; 1.5 K. M. S; 2 Potereens

Mash -  $\frac{155}{36}$   
 Underlet -  $\frac{210}{8}$   
 Spang -  $\frac{128}{68}$ ; Hops -  $\frac{170}{2}$   
 Cap heat - 154

First run - 21.2%  
 Last " - 2.6%  
 Water - 36  
 68  
 1/2  
 112 1/2

Into Cop.  
 20"

Out of Cop.  
 24 1/2"

Billing -  
 14.05%

Yeast - Op. No. ~~139~~ 139 Brew.

Nov. 17/30 ; 7:30 A.M. ; Imp. - 67.5 ; Billing - 5.3%  
 " 21/30 ; Reached ; " - 1.95%



No 3 Run

Al.

Nov. 10/30.

Malt - 5000 lbs. P. M. Co. (1st Cer).  
 Hops - (35 Oregon), (35 B. C.), (20 Fuggles).  
 6 S; 6 M.; 1.5 K. M. S; 2 Patersons.

Wash -  $\frac{150}{36}$ .Mash -  $\frac{20}{4}$ .Spurge -  $\frac{170}{69}$ ; Hop -  $\frac{170}{2}$ .

Pap heat - 154

Fist run - 22.7%.

2nd - " - 1.8%

Water - 36

69

2

---

115

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In Cop  
20.5"Out of Cop -  
27.5"Balling -  
14%

Yeast - Off No. 140 Brew.

Nov. 18/30 ; 7:30 A.M. ; Temp. - 69.5° ; Ball. - 4.5%  
 " 22/30 ; — Racked — ; " - 1.85%

Nov 7<sup>th</sup> Sun

Re

Nov. 17/30.

Malt - 5000 lbs. D.M. Co. (1<sup>st</sup> Cor).  
 Hops - (38 ~~English~~); (38 ~~English~~); (20 ~~English~~).  
 600; 6 M.; 1.5 K.M.S.; 2 Potentilla.

-	Mask - $\frac{150}{36}$		Wort run - 22.5%
	Insult - $\frac{210}{8}$		Lost - -2.5%
-	Sparge - $\frac{170}{69}$	Hop - $\frac{170}{2}$	Water - 36
	Spent - 154		69
			2
			<hr/> 115

-	In/Cup - 20.5"	Out/Cup - 27.5"	Balling - 14%
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Yeast - Off No. 141 Bav

Nov. 20/30; 6.30 A.M.; Temp - 69.5°; Balling - 4.44%  
 " 24/30; — Racked — — — — 1.9%



No. 5<sup>th</sup> run.

Ale.

Nov. 18/30.

Malt - 5000 lbs. P. M. Co. (1<sup>st</sup> Car).  
 Hops - (35 B. Co.) ; (35 Fuggles) ; (20 Kents).  
 6 S ; 6 M ; 1.5 t. M. S. ; 2 Portereme.

Mash -  $\frac{150^\circ}{36}$ Mash -  $\frac{140^\circ}{38}$ Sponge -  $\frac{120}{69}$  ; Hop -  $\frac{170}{2}$ 

Pap Heat - 154

First runs - -

Lost - - 1.8%

Water - 36

8

69

2

---

115

In Cop. 20.5%

Out of Cop. 28%

Balling. 14.85%

Lost - Off No. 14<sup>th</sup> Brew. - - -

Nov. 21/30 ; 7.30 A.M. Temp. - 69.5° ; Balling - 4.4%  
 " 25/30 ; Racked - - ; " - 1.8%

No. 2

Ale

Nov. 19/30.

Malt - 5000 lbs. O. M. Co. (1st Co.)  
 Hops - (35 B. Co.) ; (35 Puggles) ; (20 Keits)  
 6 S ; 6 M. ; 15 K. U.S. ; 2 Potere.

Mash -  $\frac{157}{36}$ Mash -  $\frac{210}{8}$ Spice -  $\frac{47}{69}$  ; Hop -  $\frac{111}{2}$ 

Dry Heat - 154°

First run - 22.2%

Last - 25%

Water - 36

69

2

115

In to Cops.

20.5"

Out of Cops.

27.5"

Colling.

74.0%

Yeast - Off No. 14.3 Brew.

Nov. 22/30 ; 7.30 A.M. ; Temp. - 69.5° ; Balling - 44.0°  
 " 26/30 ; ——— Racked ——— ; " - 29°



No. 1 Run.

Ale.

Nov. 29/30.

Shall. - 5000 lbs. D. M. Co. (1st Car).  
 Cross - (35 B. C. in) ; (35 Fungles) ; (20 Kents).  
 6 S ; 6 M ; 1.5 K. M. S. ; 2 Patrons.

Nash -  $\frac{150}{36}$ .Mudhill -  $\frac{240}{8}$ .Spang -  $\frac{170}{69}$  ; Pop. -  $\frac{170}{2}$ .Pop. heat -  $157^{\circ}$ .

First run - 2232

Last " - 242

Water - 36

69

2

113Into Cop  
21.5"Out of Cop -  
27.5"Billing.  
14 1/2

Least - Off No. 144 Run.

Nov. 29/30 ; - Racked - ; Ball. - 2 1/2.

No. 7 Run

Halt - 5000 lbs. G. M. Co (2 Car). No. 2930.  
 Hops - (35 B.C.'s); (35 Fuggles); (20 Kent's).  
 6 S; 6 M; 1.5 K. M. S.; 2 Potatoes.

Mash -  $\frac{137}{36}$   
 Malt -  $\frac{210}{8}$   
 Spruce -  $\frac{44}{67}$ ; Hop. -  $\frac{120}{2}$   
 Sap Root - 157

First run - 268%  
 Last " - 1.9%  
 Water -  $\frac{34}{8}$   
 69  
 2  
175

In Cop.  
 20.5"

Out of Cop.  
 27.5"

Calling.  
 14.0

Last - Off No. 144-45 Buns.

Nov. 27/30; — Rashed —; Bill - 2.7%



No 2 Run

Stout.

Nov. 21/30.

Malt - 5000 lbs. D. M. Co. (1<sup>st</sup> Gr) + 250 lb B. Barley.  
 Hops - (35 B. C.) ; (35 Fuggles) ; (20 Kent).  
 6 S ; 6 M ; 2.5 K. M. S. ;  $\frac{1}{2}$  P. Root ; C. Root ;  
 2 S. root ; Poterene 112 $\frac{1}{2}$

Wash -  $\frac{150}{38}$   
 Malt -  $\frac{240}{8}$   
 Hops -  $\frac{120}{69}$  ; Hops -  $\frac{120}{2}$   
 Poterene - 154

First run - 22.3%  
 Last - 4 - 2.4%  
 Water - 38  
 69  
 2  
 117

In to Cop.  
 19.5"

Out of Cop.  
 26"

Balling.  
 14.6%

Least - Off No. 145 Brew.

Nov. 24/30 ; 7.30 A.M. ; Temp - 69.5° ; Balling - 6%  
 " 29/30 ; — Racked — — — 3.1%





No. 4 Tim

St. Stout.

Nov. 24/31.

Malt - 5000 lbs. D. M. Co. (1 Car) & 2500 lbs. B. Barley.  
 Hops - (35 B. C. 1.) ; (35 Fuggs) ; (20 Kent) -  
 6 lb ; 6 lb ; 2.5 K. M. S. ; ~~2 Potatoes~~ .112 1/2 Patience  
 1/2 I. root ; C. root ; S. root - 2

Mash -  $\frac{150}{38}$ Mash -  $\frac{210}{8}$ Spice -  $\frac{190}{69}$  ; Kops. -  $\frac{170}{2}$ 

Hop Heat - 158

First run - 227%

Last - " - 2.75%

Water - 38

8

69

2

---

117

In Cop.

19.5"

Out Cop.

26.5"

Balling.

14.9%

Last - Off No 148 Brew.

Nov. 27/31 @ 7:38 AM ; Temp. - 69.5° ; Ball - 5.9%

Dec. 1/30 ; Rashed - " - 3.3%

No. 2. un.

Ale.

Nov. 25/30.

Malt - 5000 lbs. D. M. Co. (2<sup>d</sup> Car).  
 Hops - (35 B. Co.) ; (35 Tupples) ; (20 Kents).  
 6 S ; 6 M. ; 1.5 K. M. B ; 2 Poterene.

Mash -  $\frac{15.75}{37}$   
 Muddled -  $\frac{2.0}{8}$   
 Yeast -  $\frac{1.0}{68}$  ; Hops -  $\frac{1.0}{2}$   
 Top Heat = 15.4

First run - 21.5%  
 Last " - 2.2%  
 Water - 37%  
 68  
 2  
 115

Inlet Cops " " Out of Cops " " Balling  
 20.5 " 27.5 " 14%

Yeast - Off No. 149 Brew.

Nov. 28/30 ; 7.30 A.M. ; Temp. - 69.5° ; Ball - 4.5%  
 Dec. 2/30 ; — Racked — " — 1.7%



No. 6 Run.

Ale.

Nov. 26/30.

Malt - 5000 lbs. D. M. Co. (2<sup>d</sup> Car)  
 Hops - (35 B. C.) ; (35 Fuggles) ; 20 Kent.  
 6 S ; 6 M. ; 1.5 K. M. S. ; 2 Poterene.

Mash -  $\frac{460}{37}$ Mash -  $\frac{210}{2}$ Sparge -  $\frac{170}{68}$  ; Hop.  $\rightarrow \frac{170}{2}$ 

Lap Heat - 15 H.

First run - 22%

Last - 2.3%

Water - 37

68

2

115Ink Cop.  
20.5"Out of Cop.  
27.5"Balling.  
14.1%

Yeast - Off No. 150 Brew.

Nov. 29/30 ; 7:30 A.M. ; Temp. - 69.5° ; Balling - 4.6%  
 Dec. 3/30 ; — Racked — " - 2.1%

No 1 Tun.

Sparkling Ale.

Nov. 27/30.

Malt - 4000 lbs. D. M. C. (2<sup>d</sup> Car).Hops - 5 lb; 6 M. (20 Ouzes); (35 Bots); (20 Fuggles).  
5 lb; 6 M.; 2 K. M. S.Mash -  $\frac{150}{33}$ Unblebt -  $\frac{214}{8}$ Sparge -  $\frac{170}{68}$  ; Hops -  $\frac{120}{2}$ 

Wort Heat - 15.4°

First run - 21.6%

Cost - 2.5%

Water - 33

68

2

111In to Cap.  
21"Out of Cap.  
28.5"Balling.  
13%

Yeast - Off No. 152 Brew.

Dec. 4/30 ; Racked ; Balling - 1.7%



No. 7 Jun.

Ale.

Nov. 27/30.

Malt - 5000 lb. D. M. Co. (2<sup>nd</sup> Car).  
 Hops - (35 B. C.) ; (35 Fuggles) ; (20 Kent).  
 6 S. ; 6 M. ; 1.5 K. M. S. ; 2 Portwine.

Mash -  $\frac{130}{37}$ Mash -  $\frac{210}{8}$ Sparg -  $\frac{170}{89}$  ; Hop. -  $\frac{110}{2}$ 

Wisp Heat - 153

First run - 21.3%

Last - 2.45%

Water - 37

68

2

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1102 to Cop.  
20"Out of Cop.  
27.5"1 Balling.  
14.1%

Yeast - Off No. 151 Brew.

Dec. 4/30 ; — Racked — Balling 3.3%

No 2 run.

Ale.

Nov. 28/30.

Malt - 5000 lbs. P. M. Co. (2<sup>d</sup> Car)  
 Hops - (35 ~~lb~~); (30 ~~lb~~); (20 kents).  
 6 S; 6 M; 1.5 K. M. S; 2 Porteners -

Wash -  $\frac{150}{37}$ Mash -  $\frac{210}{689}$ Sponge -  $\frac{120}{689}$  Hops -  $\frac{120}{2}$ 

Pop. Heat - 154

First run - 21.5%

Last " - 2.5%

Water - 37

689

2

116In to Cyp.  
20.5"Out of Cyp.  
27.5"Balling  
14.15%

Least - Off No. 151 Brew.

Dec. 1/31 ; 7.30 A.M. ; Temp. - 17.5 ; Balling - 4.8%  
 " 3/30 ; Reached " - 2%



No. 82m.

Sparkling Ale.

Nov. 29/30.

Malt: - 4500 lbs. P. M. Co (2<sup>nd</sup> Cr.).  
 Hops - (20 B. C.) ; (25 Bohs.) ; (20 Tuggles).  
 5 L ; 6 M ; 2 K. M. S.

Wash -  $\frac{150}{33}$   
 Hydrolit -  $\frac{26}{8}$   
 Spruce -  $\frac{120}{68}$  ; Hops -  $\frac{170}{2}$   
 Cap Heat - 154

First run - 21.3%  
 Last - - 2.9%  
 Water - 33  
 8  
 68  
 2  


---

 111

Into Cap.  
 21.5%

Out of Cap.  
 29%

Balling.  
 12.9%

yeast - Off No. 103 Brew.

Dec. 2/30 ; 7.30 A.M. ; Temp. - 69.5° ; Balling - 3.2%  
 " 6/30 ; — Racked — " - 1.7%

No. 4 run.

Sparkling Ale.

Dec. 1/30.

Malt - 4500 lbs. D. M. Co. (2 = Car)  
 Hops - (20 B. C.) ; (35 Boh.) ; (20 Fuggles).  
 5 S ; 6 M ; 2 K. M.S.

Mash -  $\frac{67}{32}$   
 Mashed -  $\frac{24}{8}$   
 Sparge -  $\frac{176}{69}$  ; Hops -  $\frac{176}{2\frac{1}{2}}$   
 Paper Heat -  $155^{\circ}$

First run - 2.5%  
 Last - - 1.4%  
 Water -  $\frac{32}{8}$   
 69  
 2  
 109%

Into Cys.  
 21"

Out of Cys.  
 38"

Balling  
 12.9%

Yeast - Off No. 156 Brew.

Dec. 4/30 ; 6.30 A.M. ; Temp. -  $69.5^{\circ}$  ; Balling - 3.3%  
 " 8/30 — Racked — " — 1.7%



No. 7

Ale.

Dec. 2/30.

Malt - 5000 lb. P. M. C. (2<sup>nd</sup> Car).  
 Hops - (25 B. C.); (35 Fuggles); (20 Kent).  
 6 L; 6 M; 1.5 K. U. S. & 2 Portene.

Wash - $\frac{130}{37}$	First runs - 21.6%
Underbit - $\frac{210}{8}$	Port .. - 2.4%
Sparge - $\frac{128}{68}$ ; Hop. - $\frac{170}{2}$	Water - 37
Wap heat - 156°	68
	2
	<hr/> 115 <hr/>

In. of Cop.  
20.5"

Out. of Cop.  
28"

1 Balling  
14.25%

Yeast - Of No. 156 Brew.

Dec. 5/30. ; 7.30 A.M. ; Temp. - 67.5° ; Balling - 4.9%  
 " 9/30 — Racked — ; " - 1.85%

No 6 Run

Ale.

Dec. 3/30.

Malt - 5000 lbs. P. M. Co. (2<sup>d</sup> Car).  
 Hops - (35 B.C.), (35 Puggles); (20 Kents).  
 6 S; 6 M; 15 N. M.S.; 2 Pilsene.

Mash -  $\frac{150}{37}$ Mashlet -  $\frac{21}{8}$ Sparge -  $\frac{170}{69}$  3 Hops. -  $\frac{120}{2}$ 

Pag Heat - 153°

First run - 21.4%

Last " - 2.9%

Water - 37

8

69

2

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116

In to Cys.

" 20.5"

Out of Cys.

28"

Balling.

14.1%

Yeast - Off No. 158 Brew.

Dec. 6/30; 7:30 A.M.; Temp - 69.5°; Balling - 4.8%

" 10/30; Racked " - 2.1%



No. 1 run

Ale.

Dec. 4/30.

Malt - 5000 lb. D. M. Co. (2<sup>nd</sup> Car).  
 Hops - (35 B.C.), (35 Tuggles), (20 Kent).  
 6 S; 6 M; 1.5 K. M. S.; 2 Portersone.

Mash -  $\frac{63}{37}$ Mash -  $\frac{24}{8}$ Spray -  $\frac{40}{69}$ ; H<sub>2</sub>O -  $\frac{170}{2}$ 

Lup Heat - 154°

First runs - 22%

Last " - 2.3%

Water - 37

69

2

---

116

In to Cyp. 20°

Out of Cyp. 27.5°

Balling 14.9%

Yeast - Off No. 158 &amp; 159 Beers.

Dec. 11/30; - Roasted - ; Balling - 1.7%

No 7 Run

Alc.

Dec. 4/30

Malt - 5000 lbs. P. M. Co. (2<sup>nd</sup> Cav).  
 Hops - (30 B.C.s); (35 Fuggles); (20 Kentes).  
 6 S; 6 M.; 1.5 K. M. S.; 2 Portulacene.

Mash -  $\frac{150}{37}$ Mash -  $\frac{310}{8}$ Sponge -  $\frac{120}{69}$ ; Hop. -  $\frac{120}{5}$ 

Sps Heat - 153°

First runs - 21.1%

Last - 2.1%

Water - 37

89

5

~~117.5~~

114.5

Balling.

13.9%

2 b. Cps.

19.5"

Out of Cps.

27"

Last - Off No. 159 Brew

Dec. 11/30; - Rashed -; Balling - 2.5%



No 2 Inn.

Ale.

Dec. 5/30.

Malt - 5000 lbs. D. M. Co. (3<sup>rd</sup> Cr.)  
 Hops - (35 B. C.) ; (35 Fuggles) ; (20 Kents).  
 6 S ; 6 M ; 1.5 K. M. S. ; 2 Palatene.

Mash -  $\frac{150}{37}$ Mundult -  $\frac{210}{8}$ Sparge -  $\frac{120}{68}$  ;  $\frac{170}{3}$ 

Dry Heat - 157°

First runs - 21.8%

Lost - 1.8%

Water - 37

8

65

116Into Cap.  
20.5%Out of Cap.  
28%Balling.  
14.3%

Yeast - Off No. 160 Brew.

Dec. 8/30 ; 7.30 A.M. ; Temp. - 69.5° ; Balling - 4.5%  
 " 12/30 ; Rocket ; " - 2.1%

No 3 Run.

Ale.

Dec. 6/30.

Malt - 5000 lbs. D. M. Co. (3rd Cr.)  
 Hops - (35 B. C.) ; (35 Tuggles) ; (20 Kents).  
 6 S ; 6 M ; 1.5 K. M. S. ; 2 Potatoes.

Marsh -  $\frac{130}{38}$   
 Mashed -  $\frac{210}{8}$   
 Yeast -  $\frac{170}{68}$  ; Hops -  $\frac{170}{2}$   
 Cap Heat - 154°

First run - 21.1%  
 Last " - 2.4%  
 Water - 58  
 68  
 2  
 116

Out Cap.  
 20"

Out Cap.  
 27.5"

Balling.  
 14.1.90

Yeast - Off No. 161 Brew.

Dec. 9/31 ; 7.30 A.M. ; Temp. - 71° ; Balling - 21.5%  
 " 13/30 ; — Rashed — " — 2.1%



No. 2 run.

Ale

Dec. 8/30.

Malt - 5000 lbs D. M. Co. (3<sup>rd</sup> Cap).  
 Hops - (35 B. C.), (35 Pilsner), (20 Kent).  
 6 S; 6 M; 1.5 K. M. S., 2 Poterene.

Mash -  $\frac{150}{38}$ Mudlet -  $\frac{20}{9}$ Spray -  $\frac{110}{68}$ ; Hop. -  $\frac{170}{2}$ 

Pap. cont - 154"

Yistams - 20.9%

Lact - " - 2.5%

Water - 38

68

2

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116

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In to Cap.  
20"Out of Cap.  
27.5"Balling.  
14.15%

Yeast - Off No. 162 Brew.

Dec. 11/30; 6.30 A.M.; Temp. - 69.5°; Balling - 4.4%

" 13/30; — Racked —; " — 1.55%

No. 5 Run.

Alc.

Dec. 9/30.

Malt - 5000 lbs. P. M. Co. (3<sup>rd</sup> Cer).  
 Hops - (35 B. C.) ; (35 English) ; (30 Kent).  
 6 S ; 6 M ; 1.5 K. M. S. ; 2 Poterene.

Wash -  $\frac{150}{38}$ Kiesel -  $\frac{212}{8}$ Sponge -  $\frac{120}{68}$  ; Kogon -  $\frac{170}{2}$ 

Dye Heat - 154°

First run - 20.9%

Last - 2.4%

Water - 38

68

2

---

116In to Cop.  
20"Out of Cop.  
27.5"Balling.  
14.1%

Yeast - Off No. 163 Brew.

Dec. 12/30 ; 7:30 A.M. ; Temp. - 70° ; Balling - 4.6%  
 " 16/31 ; — Racked — " — 1.75%



No 62m.

Ale.

Dec. 10/30.

Malt - 5000 lbs. P. M. Co. (3<sup>d</sup> Cox).  
 Hops - (30 B. C.) ; (30 Fuggles) ; (20 Kent).  
 C.S. ; 6 M. ; 15 K. M. P. ; 2 Poterone.

Wash -  $\frac{100}{38}$   
 Underlab -  $\frac{20}{8}$   
 Sparge -  $\frac{170}{68}$  ; Hop -  $\frac{190}{~~28~~2}$   
 Tap Heat - 154

First runs - 2.17%  
 Last - - 2.74%  
 Water - 38  
 8  
 68  
 2  
 116

In to Cops  
 20"

Out of Cops.  
 27.5"

Balling  
 14.15%

Yeast - - Of No. 164 Brew.

Dec. 13/30 ; 7.30 A.M. ; Temp. - 70° ; Balling - 4.77.  
 " 17/30 ; - Racked - " - 2.22.

No. 9m

Re.

Dec. 11/30

Malt - 5000 lbs. D. M. Co (3<sup>rd</sup> Car).  
 Hops - (35 B. C's) ; (35 Fuggles) ; (20 Kents),  
 6 lb ; 6 M. ; 1.5 K. M. S. ; 2 Portlands.

Mash -  $\frac{150}{38}$ Mash -  $\frac{24}{8}$ Sparge -  $\frac{120}{68}$  ; Kopp. -  $\frac{170}{2}$ 

Rap. Heat - 154°

First run - 21.5%

Last " - 2.1%

Water - 38

68

2

116

In Cop.  
19"Out of Cop.  
26.5"Balling  
13.9%

Yeast - Off No's 164 - 165 Buns.

Dec. 18/30 ; Racked - Balling - 1.8%



No. 97m.

Ale.

Dec. 11/30.

Malt - 5000 lbs. D. M. Co. (3<sup>rd</sup> Car).  
 Hops - (35 B.C.); (20 B.C. & 15 B.C.); (20 Kents).  
 6 lb; 6 lb; 10 K. M. S.; 2 Pilsener.

Mash -  $\frac{160}{38}$   
 Malt -  $\frac{210}{8}$   
 Hops -  $\frac{170}{68}$ ; Hop. -  $\frac{170}{2}$   
 Top Heat - 154

First run - 21.5%  
 Last " - 2.3%

Water - 38  
 8  
 68  
 2  
 116

In to Cop.  
 19"

Out of Cop.  
 27"

Balling  
 14%

Yeast - Off No. 165-166 Buns.

Dec. 18/30; — Racked — Balling - 22%

No. 2 Tun.

Ale.

Dec. 12/30.

Malt - 5000 lbs. P. M. Co. (3<sup>d</sup> Cor).  
 Hops - (35 B. L.) ; (20 Boh. 4.85 B. L.) ; (20 tents).  
 6 S ; 6 M ; 1.5 K. M. S ; 2 Poterene.

Mash -  $\frac{150}{38}$ Mudsett -  $\frac{210}{8}$ Sponge -  $\frac{170}{68}$  ; Keps. -  $\frac{120}{2}$ Papdent - 154<sup>0</sup>

First runs - 2/3%

Last - - 1.5%

Water - 35

68

2

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116In Cop.  
20 "Out of Cop.  
275 "Balling.  
14.15%

Yeast - Off No. 166 Brew.

Dec. 15/30 ; 7.30 A.M. ; Temp. - 69.5° ; Balling - 4.9%

291

19/31 ; Racked - 2.6%



No 3 Tun.

Adj.

Dec. 13/30.

Malt - 5000 lbs. C. M. C. (6<sup>th</sup> Cov).  
 Hops - (35 B.C.1); (20 Boh. & 15 B.C.12); (20 Kent's).  
 6 S; 6 M; 1.5 K. M. S.; 2 Portene.

Mash -  $\frac{150}{36}$   
 Indult -  $\frac{31}{7}$   
 Spang -  $\frac{118}{69}$ ; Hops -  $\frac{470}{2}$   
 Pop. Heat - 154°

First runs - 22.3%  
 Last " - 1.7%  
 Water - 36  
 8  
 69  
 2  
 ---  
 115

2<sup>th</sup> Cop.  
 20"

Out of Cop.  
 27"

Balling ~~###~~  
 14%

Heat - Off No. 167 Brew.

Dec. 16/30; 7.30 A.M.; Temp. - 69.5°; Balling - 4.3%  
 " 20/30; Racked - " - 1.95%

No. 4 Run

Ale.

Dec. 15/30

Malt - 5000 lbs. C. M. Co. (6<sup>th</sup> Cov.)  
 Hops - (15 B. & 20 Puggle); ~~35~~ Puggle; (20 Kent);  
 6 lb; 6 lb; 1.5 H. M. S.; 2 Portwine

Mash -  $\frac{150}{37}$ Unolab -  $\frac{20}{8}$ Sparge -  $\frac{178}{68}$  stop -  $\frac{170}{2}$ 

Dye Heat - 154°

First run - 21.5%

Last " - 2.7%

Water - 37

8

68

2

110Inb Cop.  
21"Out of Cop.  
28"Balling  
14.15

Yeast - Off No. 168/Brew.

Dec. 18/30; 6.30 A.M.; Temp. - 19.5°; Balling - 4.5%

" 22/30; — Racked — " - 1.9%



No 5 run.

Ale.

Dec 16/30

Malt - 5000 lbs. C. M. Co. (6<sup>th</sup> Cor.)  
 Hops - (35 Fuggles); (20 Bels & 15 Fuggles); (20 Kent's).  
 6 L; 6 M; 1.5 K. M. S; 2 P. Terrene.

Mash -  $\frac{150}{36}$   
 Muddled -  $\frac{20}{8}$   
 Spang -  $\frac{170}{69}$ ; Hops -  $\frac{170}{2}$   
 Exp heat - 154°

First runs - 21.7%  
 Last - " - 2.6%  
 Water - 36  
 68  
 2  
 115

Into Cps.  
 20.5

Out of Cps.  
 28°

Balling.  
 14.2%

Yeast - Off No. 169 Brew.

Dec. 19/30; 7:30 A.M.; Temp. - 69.5°; Balling - 5.1%  
 " " 23/30; Rated - " - 2%

No. 6 Run.

Ab.

Dec. 17/30.

Malt - 5000 lbs. C. M. Co. (6<sup>th</sup> Cav)  
 Hops - (35 Fuggles); (20 Boko. + 15 Fuggles); (20 Kents)  
 6 S; 6 M; 4.5 K. M. S.; 2 Pilsener.

Mash -  $\frac{150}{36}$   
 Underlet -  $\frac{214}{8}$   
 Lauge -  $\frac{110}{70}$ ; Hop. -  $\frac{110}{2}$   
 Cap heat - 154

Figet runs - 21.89  
 Last - 24.9.

Water - 36  
 70  
 2  
 116

In Cop.  
 19.5

Out of Cop.  
 27.5

Balling.  
 14.19.

Grast - Off No 170 Brew.

Dec. 20/30; 7.30 A.M.; Temp. - 69.5; Balling - 4.49  
 " 23/30; Racked; " - 2.9.



No. 1 Run.

Ale.

Dec. 18/30.

Malt<sup>2</sup> - 5000 lbs. C. M. Co. (6<sup>th</sup> Car.)  
 Hops - (35 Puggles); (20 Balls + 10 Puggles); (20 Kents)  
 6 L; 6 M; 1.5 K. M. S.; 2 Pilsener.

Wash -  $\frac{150}{37}$   
 Muddled -  $\frac{210}{8}$   
 Sparge -  $\frac{170}{69}$ ; Hop. -  $\frac{120}{2}$   
 Tap Heat - 153°

First runs - 22.1%  
 Last - 2.9%  
 Water - 37  
 8  
 69  
 2  
 116

Into Cap.  
 19.5"

Out of Cap.  
 27"

Balling.  
 14% ✓

Yeast - Off No. 171 Brew.

Dec. 26/30; — Racked — Balling — 19.5%  
 " " " " " " " "

No 7 run

Ale.

Dec. 18/30.

Malt - 5000 lbs. G. M. Co. (6<sup>th</sup> Car.);  
 Hops - (35 Fuggles); (20 Bchs. & 15 Fuggles); (20 kents).  
 6L; 6M; 15 K. M. S.; 2 Polvereone.

Mash -  $\frac{150}{37}$ Mash -  $\frac{210}{8}$ Sparge -  $\frac{170}{69}$ ; Hop. -  $\frac{170}{2}$ 

Cap Heat - 107°

First runs - 2.9%

Last " - 2.1%

Water - 37

69

2

116

Into Cap  
19.5"

Out of Cap.  
27"

Balling  
14%

Yeast - Off No. 172 Bua.

Dec. 27/30; - Racked - Balling - 1.9%



No 2 Run.

All

Dec. 19/30

Malt - 5000 lb. C. M. G. (6<sup>th</sup> Car.)  
 Hops - (35 Tuggles); (~~20~~ Bolts) (20 Tuggles & 10 Kents); (20 Kents).  
 6 S; 6 M; 1.5 K. S.; 2 Potions.

Wash -  $\frac{100}{37}$ Mashlet -  $\frac{210}{7}$ Spray -  $\frac{100}{69}$ ; Hop. -  $\frac{120}{2}$ 

Tap Heat - 154

First run - 22.3%

Last " - 2.8%

Water - 37

69

2

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176Into Cop.  
19.5%Out of Cop.  
27%Balling  
14.1%

Yeast - Off No. 173 Dussau.

Dec. 22/30; 7.30 A.M.; Temp. - 69.5°; Balling - 4.7%  
 29/30; — Reached — — — 1.8%

No 3 run

Re.

Dec. 20/30.

Malt - 500i lbs. O.N.C.  
 Hops - (35 B.C.) ; (35 Fuggles) ; (20 Kent).  
 6 S ; 6 M ; 1.5 K.M.S ; 2 Poterene

Mash -  $\frac{150}{37}$   
 Mglub -  $\frac{210}{8}$   
 Sparge -  $\frac{170}{69}$  ; Hop -  $\frac{170}{2}$   
 Cap Deck - 154

Frost run - 22.2%  
 Last " - 2.5%  
 Water - 37  
 69  
 2  
 116

20" Cop.

Out of Cop.  
 25"

Balling.  
 14.1%.

Least - Off No 174 Brew.

Dec. 23/30 ; 7:30 A.M. ; Temp. 69.5° ; Balling - 4.8%  
 " 30/30 ; — Racked — ; " - 1.8%



No. 4 Run.

Ale.

Dec. 22/80.

Malt - 5000 lbs. C. M. G.  
 Hops - (35 B. C.); (35 Fuggles); (20 Kent).  
 6 S; 6 M.; 1.5 K. M. S.; 2 Polvere

Wash -  $\frac{150}{36}$

Mash -  $\frac{210}{4}$

Sparg -  $\frac{170}{70}$ ; Hops -  $\frac{170}{1}$

Boil Heat - 10%

Fogot runs - 22%

Lost - 2.4%

Water - 36

8

70

1

115

In Cop.  
20"

Out of Cop.  
27"

Balling  
13.9%

Yeast - Off No. 175 Brew.

Dec. 31/30; 9 Racked - ; Balling - 1.9%

No. 5. 2<sup>nd</sup> run

Ale

Dec. 23/30

Malt - 5000 lbs. C. M. Co.  
 Hops - (35 B. Co.) ; (35 Fuggles) ; (20 keits).  
 6 L ; 6 M ; 1.5 K. W. P. ; 2 Patience

Wash -  $\frac{120}{37}$   
 Mashed -  $\frac{34}{8}$   
 Sarge -  $\frac{120}{69}$  ; Hop -  $\frac{170}{7}$   
 Cap Heat -  $154^{\circ}$

First runs - 21.7%  
 Last " - 24.2  
 Water - 37  
 69  
 115

1111	Date Cop.	Out of Cop	Balling
	19.5"	27"	13.85%

Yeast - Off. No 176 Baw.

Dec. 26/30	;	6:30 AM	;	Temp - 69.5	;	Balling - 4.1%
Jan. 2/31	;	— Racked —	;	"	;	— 1.7%



No. 6 Tun

Ale

Dec. 23/30.

Malt - 5000 lb. P. & C. M. Co.  
 Hops - (35 B.C.); (35 <sup>2</sup>uggs); (20 Kent).  
 6 L; 6 M; 15 H. N. S<sub>3</sub>; 2 Potereene

Mash -  $\frac{150}{37}$   
 Modulet -  $\frac{210}{8}$   
 Sauge -  $\frac{170}{69}$ ; Hops -  $\frac{170}{2}$   
 Sp. Rest - 153

First runs - 21.6%  
 Last - - 2.1%  
 Water - 37  
 69  
 2  
116

In Cap.  
 20"

Out of Cap.  
 27.5"

Balling.  
 14%

Yeast - Off. No. 177 Brew.

Dec. 26/30; 6.30 A.M.; Temp - 69.5°; Balling - 5.2%  
 Jan. 5/31; — Racked — " - 1.6%

No. 1 Run

Ale

Dec. 26/30

Malt - 5000 lbs. D. M. Co.  
 Hops - (35 B. C.) ; (35 Fuggles) ; (20 Kents).  
 6 S ; 6 M ; 1.5 K. M. S ; 2 Porterans

Stash -  $\frac{150}{36}$

Mugel -  $\frac{210}{8}$

Sage -  $\frac{120}{10}$  ; Hops -  $\frac{170}{2}$

Peppert - 154

Yeast runs - 22.8%

Lost - 2.3%

Water - 36

8

70

2

116

Int. Cop.  
20 "

Out of Cop.  
27.5%

Balling  
14.1%

Yeast - Off No. 180 Brew.

Dec. 29/30 ; 7.30 Temp. - 69.5° ; Balling - 4.4%  
 Jan. 5/31 ; Racked - 1 - 1.8%



No. 7 Run

Ale.

Dec. 27/30.

Malt - 5000 lbs. P. M. Co.  
 Hops - (35 B. C.), (35 Fuggles); (20 Kents).  
 6 S; 6 M; 1.5K - M. S; 2 Porters.

Wash -  $\frac{150^\circ}{36}$   
 Malt -  $\frac{210}{70}$   
 Spruce -  $\frac{120}{70}$ ; Hop -  $\frac{120}{2}$   
 Dye - 104

First runs - 22.3%  
 Last " - 2.3%  
 Water - 36  
 70  
 2  
 116

In to Cop.  
 19.5"

Out of Cop.  
 27"

Balling  
 14%

Yeast - Off No. 181 Brew

Dec. 30/30 ; 7.30 AM; Temp. - 69.5°; Balling - 4.4%  
 Jan. 6/31 ; - Racked - " - 1.95%

No. 2 run.

Stout

Dec. 29/30

Malt - 5000 lbs. D. M. Co. & 250 lb. B. Barley.  
 Hops - (35 B. C.); (35 Fuggles); (20 Fents).  
 S. L.; 6 N.; 25 K. M. S. 112½ Potatoes.  
 L. root - 2½; ~~C. root~~; L. root - 2 lb.

Mash -  $\frac{150^\circ}{38}$   
 Hydriat -  $\frac{210^\circ}{8}$   
 Sarge -  $\frac{12^\circ}{69}$ ; Hop. -  $\frac{17^\circ}{3}$   
 Cap Heat - 154°

First runs 22.5%  
 Last " - 2.2%  
 Water - 38%  
 8  
 69  
 3  
 118

Into Cop.  
 19"

Out of Cop.  
 26.5"

Balting  
 14.8%

Yeast - 192 Brew.

Jan. 7/31 ; — Racked — Ball - 1.9%



No. 3 Run.

Start.

Dec. 30/30.

Malt - 5000 lb. D. M. Co. & 2500 lb. B. Berly.  
 Hops - (35 B. C.); (35 Fuggles); (20 Kent).  
 6 S; 6 M.; 2.5 K. M. S.; 11 1/2 Portersons.  
 G. root - 1/2 lb.; L. root - 2 lb.

Mash -  $\frac{150}{37}$ Mash -  $\frac{210}{7}$ Sparge -  $\frac{170}{70}$ ; Hop. -  $\frac{170}{3}$ 

Prop Heat - 154°

First runs - 21.9%

Last " - 2.6%

Water - 37

70

3

118Into Cop.  
19.5%Out of Cop.  
26.5%Balling.  
14.5%

Yeast. - #183 Brew.

Jan. 2/31; 7.30 AM; Temp. - 69.5°; Balling - 5.2%  
 " 8/31; — Racked — " 2.6%

New Year 31-32

No. 4 run.

Re

Jan. 2/31.

Malt - 5000 lb. D. M. C.

Hops - (35 B. C's); (35 Fuggles); (20 Kents).

6 lb; 6 M; 1.5 K. M. S.; 2 Portene.

Mash -  $\frac{100}{36}$ Underlet -  $\frac{210}{8}$ Boil -  $\frac{170}{70}$ ; Hops -  $\frac{170}{2}$ 

Laps Heat - 105°

First runs - 22.5%

Last " - 2.2%

Water - 36

70

116In to Cap.  
19.5°Out of Cap.  
22.5°Balling.  
14.2°

Yeast - # 195 Brew.

Jan. 5/31; 7.30 AM; Temp. - 69.5°; Balling - 16.4%" 10/31; Reaped - " - 16.3%



No. 5. Jun.

Ale.

Jan 3/31.

Malt - 5000 lb. P. M. Co.  
 Hops - (35 B. Co.); (35 Fuggles); (20 Kent);  
 6 M.; 1.5 K. M. S.; 2 Portereen.

Mash -  $\frac{130}{38}$   
 Malt -  $\frac{210}{8}$   
 Hops -  $\frac{170}{68}$ ; Hop. -  $\frac{110}{2}$   
 Cap. Heat - 1574

First runs - 21.1%  
 Last - " - 1.6%  
 Water - 38  
 8  
 68  
 2  
 116

2<sup>nd</sup> Cop.  
 19.5

Out of Cop.  
 27.5

Balling  
 13.8%

Yeast - Off # 186 Brew.

13-8%

Jan. 6/31; 7.30 AM; Temp - 69.5°; Balling - 4.1%  
 " 12/31 - Racked - " 1-1.6%

No. 7 un.

Ale.

Jan. 5/31.

Malt - 5000 lbs. D. M. Co.  
 Hops - (35 B. C. 12); (35 Fuggles); (20 Kent)  
 6 S; 6 M; 1.5 K. M. S; 2 Poterens

Mash -  $\frac{100^\circ}{38}$ Mashlet -  $\frac{210^\circ}{8}$ Lauge -  $\frac{170^\circ}{67}$ ; Hsp. -  $\frac{170^\circ}{2}$ Tap heat -  $154^\circ$ 

First run - 21.3%

Last " - 2.1%

Water - 38

8

67

2

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115Dist. Cps.  
20"Out-of Cps.  
28"Balling  
14.2%

Yeast - Of # 188 Brew.

Jan 8/31; 7:30 A.M.; Temp. - 69.5°; Balling - 3.8%  
 Jan 11/31; 7:30 A.M.; Temp. - 69.5°; Balling - 3.8%  
 " 13/31 — Racked — " — 1.65%



Not run.

Sparkling Ale.

Jan. 9/31.

Malt - 45.00 lbs. P. M. Co. ✓  
 Hops - (20/B.C.); (30/Bok.); (20/Puggles).  
 5<sup>th</sup> S, 6 M, 2 K. M. S.

Mash -  $\frac{150}{32}$   
 Muddled -  $\frac{210}{8}$   
 Strain -  $\frac{170}{64}$  ; Hop. -  $\frac{110}{2}$   
 Cap Heat - 104°

First run - 21.5°  
 Last " - 2.6°  
 Water - 32  
 69  
 2  
 III

Into Cop.  
 21.5"

Out of Cop.  
 29.5"

Balting.  
 13.1°

Yeast - # 189 Brew.

- Jan. 10/31; 7.36 A.M.; Temp. 69.5°; Balting - 4.45°  
 " 14/31.0 - Racked - " - 1.8°

No. 7 Run

Sparkling Ale.

Jan. 7/31

Malt - 4500 M. D. M. Co.  
 Hops - (20 B. C.) ; (35 Bobs.) ; (20 Puggles).  
 5 lb ; 6 M. ; 2 K. M. S.

Mash -  $\frac{150}{33}$   
 Unbrilt -  $\frac{20}{8}$   
 Spang -  $\frac{120}{68}$  ; Hop -  $\frac{120}{2}$   
 Days Heat - 150

First Run - 21.3%  
 Last " - 1.5%  
 Water - 33  
 8  
 68  
 2

111

Outlop  
 22"

Outoflop  
 29.5"

Balling  
 13%

Yeast - Alf # 190 Brew.

Jan. 9/31 ; 7.30 A.M. ; Temp. - 69.5° ; Balling - 3.2%  
 " 15/31 ; ——— Racked ——— " - 2.1%



No. 2 Run

Ale.

Jan. 5/31.

Malt - 5000 lbs. D. M. Co.  
 Hops - (35 B. C.); (35uggles); (20 Kent's).  
 6 S.; 6 M.; 1.5 K. H. S.; 2 Porterens -

Mash -  $\frac{100}{37}$ Molalt -  $\frac{20}{7}$ Spray -  $\frac{120}{69}$ ; Hop -  $\frac{120}{2}$ 

Rep Heat - 153

First run - 26.6%

Last - 3%

Water - 39

8

69

2

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116

Ent. Lops  
19"

Sub. Hop.  
27"

Billing.  
14%

Yeast - # 190 Brew.

Jan. 16/31; — Racked - Ball - 2.2%.

No 3 Jun.

Sparkling Ale.

Jan. 9/31.

Malt - 4500 lbs. P. M. P.  
 Hops - (20 B.C.); (35 ~~Bohls~~); (20 Puggles).  
 5 S.; 6 M.; 2 K. M. S.

Mash -  $\frac{100}{34}$   
 Malt -  $\frac{210}{8}$   
 Sauge -  $\frac{180}{68}$ ; Hop -  $\frac{120}{2}$   
 Tap heat - 154

First runs - 207

Last " - 22

Water - 34

68

112In of Cys.  
21Out of Cys.  
29Balling  
13 1/2

Yeast - # 191 Brew.

Jan. 12/31; 7.30 A.M. Temp - 69.5°; Balling - 4.29.  
 " 19/31; — Racked — " 1.59.



No 4 Jun

Ale.

Jan. 10/31

Malt - 5000 lbs. D. M. Co.

Hops - (35 B. C.), (35 Fuggles), (20 Kent).

6 lb., 6 M., 1.5 K. M. S. B.; 2 Poterene.

Mash -  $\frac{150^\circ}{36}$ Mashlet -  $\frac{210^\circ}{8}$ Singe -  $\frac{120^\circ}{70}$ ; Kop -  $\frac{171^\circ}{2}$ Tap Heat -  $154^\circ$ 

First runs - 22.2%

Last " - 2.2%

Water - 3%

70

2

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116Inlet Cop.  
19"Out of Cop.  
27"Balling -  
14.05%

Yeast - # 192 Brew.

Jan. 13/31; 7:30 AM; Temp -  $64.5^\circ$ ; Balling - 4%

" 20/31; - Racked - " - 1.6%

No. 5 Jun.

Jan. 12/31.

Alc.  
 Malt - 5000 lbs. P. M. Co.  
 Hops - (30 B. C.); (35 Fuggles); (20 Kent).  
 6 S; 6 M; 1.5 K. M. B.; 2 Pilsener.

Wash -  $\frac{150}{38}$   
 Malt -  $\frac{10}{10}$   
 Sparg -  $\frac{420}{68}$  } Hops -  $\frac{120}{1}$   
 Top Heat - 154

First run - 21.3%  
 Last .. - 2.7%  
 Water - 38  
 68  
 1  
 115

In to Cop. 19"

Out of Cop. 27 1/2"

Billing. 14%

Least - Off # 193 Brew.

\*  
 Jan. 15/31; 7.30 A.M.; Temp - 69.5°; Billing - 3.6%  
 " 21/31 - Racked - ; " - 1.5%



No. 6 Run.

Al.

Jan. 13/31.

Halt - 5000 lb. D. N. Co.  
 Cops - (35 B. C.), (30 Juggles), (20 Kents).  
 S, 6 M; 10 K. M. S.; 2 Poterece.

Mash -  $\frac{127}{38}$   
 Unbuilt -  $\frac{216}{8}$   
 Charge -  $\frac{170}{67}$ ; Hops -  $\frac{470}{1}$   
 Dry Heat -  $152^{\circ}$

First run -  $2.1\%$   
 Last -  $2.7\%$   
 Water -  $3\frac{1}{8}$   
 67  
 1  
 114

In to Cap. - Out of Cap. Balling.  
 20.5" 28" 14%

Least - # 193 Brew.

Jan. 16/31; 7:30 A.M.; Temp. -  $69.5^{\circ}$ ; Balling -  $4.5\%$   
 " 22/31; Rached "  $1.7\%$

No. 1 Run.

All.

Jan. 14/31

Malt - 5000 lbs P. M. Co.  
 Hops - (35 B. C.) ; (35 Pilsner) ; (20 Kent)  
 6 S ; 6 M ; 1.5 K. M. S. ; 2 Poterend

Wash -  $\frac{150}{38}$   
 Underlet -  $\frac{210}{8}$   
 Range -  $\frac{170}{67}$  ; Hops -  $\frac{170}{2}$   
 Prof Heat -  $154^{\circ}$

First run - 20.7%  
 Last " - 3.3%  
 Water - 38  
 9  
 67  
 2  
 115

In to Cup.  
 20"

Out of Cup.  
 28.7"

Balling.  
 141%

Yeast - #195 Brew.

Jan. 22/31 ; — Racked — Balling - 1.7%











