Sept 18 1953
A. I. 1 hr GB
B.S.E.R. 7 hrs
Harvey Valley Plans

Sept 19-20 Sat Sun

Sept 21
A. I. 2 hrs
B.S.E.R. 6 hrs
H. V. Plans.
Sept 22
Game Bronze 8hrs
1/4 rept.
Sept 23
A1. 2 hrs
Game Bronze 6 hrs
1/4 rept.
Sept 24
A1. 1 hr
Game Bronze 7 hrs
1/4 rept.
Sept 25
A1. 3 hrs
Game Bronze 6 hrs
1/4 report.
Sept 28 6B
6. Browse 8hrs
Quarterly Report
Sept 29, 30 Oct 1
6. Browse 8hrs
Quarterly Report
RIG
Range condition

How to build up range
Reprod.
Plant residue fertility protection soil

How get done
How plant grows
Livestock grazing habits
Rest required

Vigor
Reprod.
Rudoes.

5 Pasture system

Harvey Valley. Layout
Cultural work proposed

Skylar
Pasture 1
17 & Reservoir
Pasture 3
Reservoir
Sunday Oct. 4, 1953.
Left Berkeley
10:45 AM (arr. 8:20 P.M., Lundy, C.M., (B.S.E.C.))
Arr. BMBr. 8:30 P.M. (Lundy, C.M., (B.S.E.C.)

Oct. 5 (8 hrs B.S.E.C.)
B.L. S.L. BMBr.
Meeting Shasta,
N.F. Range Advisory
Board, and Forest
Personnel.
Harvey Valley Project.
Oct 6 & 7 (hrs 13 SEER)
B.L. SL. BM1Br.
Clipping Ady
Oct 8, 9, 10, 11 Sem.
(8 hrs BSEER)
B L SL 13 MM1Br.
Located and marked
Harvey Valley transient
Prepared materials
for establishment.
Some B & W repeat
photos. H.V.
The end chase in the end text.

K.B. Johnson

October 15, 1985

B.I. Bingham
Oct 16.
Annual IV. 8 hrs
BSER.
B2SL. BMBr.

Oct 17
10:30 AM on BE
Arr. Berkeley
7:00 PM
(8 hrs B3ER)
Oct 19
BSER 8 hrs

Oct 20
BSER 4 hr.

Oct 21
BSER 7 hrs
Farm Bureau Mt. display.

Oct 22
BSER 6 hrs
Farm 13 display
Oct 13


Oct 26, 27, 28, 29,
BSER. Oct 29th
Farm Bureau
Exhibit
BSER Routine.

Oct 30
Nov. 1  Sun.

Nov. 2  Game:
Browse - Exhibit
F.B. Plans & soil
planting etc.
8 hrs.

Nov. 3  BSEIC
8 hrs.

Nov. 4  G. Br.
8 hrs. Positions
Job descriptions
6, 8, 9, 1 & 5
Nov. 5 & 6
Exhibit 5 (BSEC)
AL. 3hrs.

Nov. 6
Exhibit 8hrs.
(BSEC)

Nov. 7 & 8 Sat Sun

Nov. 9 (BSEC 4
4hrs Exhibit
4hrs Speech for
Rango Meneq. Soc
Meeting
Nov. 10.  BSEIR
    Comp.  8 hrs.
    Ematic

Nov. 11  Holiday
        BSEIR 8 hrs

Nov. 12  BSEIR 8 hrs
Nov. 13  Al. 3 hrs. 5 hrs
        Comp.  Manuscript
        BSEIR

Nov. 14  15  Sat. Sun

Nov. 16
        Job. description's
        C. Br. 8 hrs.
        Other matters C. Br.
Nov. 17
Comp. B&EE 8hrs.
Manuscript

Nov. 18 B&EE 8hrs.
Statement to accompany exhibits
A&L 2hrs.

Nov. 19
Comp. B&EE 8hrs.

Nov. 20
Comp. B&EE 8hrs.
Nov. 21-22 &d Sun
Nov. 23 & 24 B Ser
Compilation
Washington writeups
Nov. 25
Nelson Kverno
F&W Service
Denver Wildlife Lab.
+Thramine - rodent control discussion
4 hrs Am GBr
Nov. 15 Cont.
Comp. B.S.E. /2
Nov 26
BSEIR Comp.
Holiday Thanksgiving
Nov 27
BSEIR Comp.

Nov 28 & 29 Sat
Sun
Nov. 30  Mon.
  4 hrs. BSEIC
  Comp.
  4 hrs. Sick
  tooth pulled
  Dec. 1  Tues.
  Sick 6 hrs.
  Tooth trouble.
  W. methyl passed
  away today.
December 2
Med.
Ahrs 6:30
Ahrs B35C
Hubbard, Pearson returned to Book.

December 3
B.S. (omp 4
(Sick lv.) 4
A.1.) 4
Dr. Not in
Dec. 4.
Am to Dentist
To work 10:45 AM.

Wetzol Services
3-5 PM.
Mon Dec. 7
J. Rochanec
Reorganization
8 hrs. General
(BSER)
Took Joe to
SF air port.

Tues Dec. 8
Comp. BSER
8 hrs.
Med Dec 9.
ED Clark PHD
Thesis - Virus control of tent caterpillar
8hrs BSER
Geo. Bradley ACPS
Thurs. Dec 10
8hrs. BSER
Gray Valley plan
Compilation.
Friday Dec 11
Bhrs.
4hr. A.I.
4hrs. BSEIR.
Mon. BSEIR
Camp 8 hrs.

Tues. BSEIR
Camp 8 hrs.
4 Sick IV.

Wed. 4 hrs 6 Br
Gray Valley. 4 hrs. BSEIR

Thurs. 6 Br
1/4 Rpt 8 hrs

18 Fri. 6 Br 8 hrs
1/4 report
Jim Thomas
724 Chronicle Blvd
Asso. Press.
Mon Dec 21
6 Br 8hrs
1/4 report

Tues Dec 22
6.13r 8hrs
1/4 report

Wed Dec 23
6.13r 8hrs
1/4 report

Thurs Dec 24
6 Br 4 hrs 4.40p
4 hrs Holiday

Fri Christmas

Dec 25 8hrs 6 Br
Dec. 18  Mon
8 hrs. 6 Br.
1st Report

Dec 19  Tues
8 hrs 6 Br
2nd Report

Dec 30
5 hrs Sick lv.
3 hrs. B Spring.
Comp. clipping
Study.
Head operation AM.
Jan 4  Mon.  B.S.  8hrs Comp

Jan 5
B.S.  7hrs Comp
" "  1hr sick

Jan 6
G. Br.  8hrs.  Germination C.C. plan.

Jan 7
G. Br  6hrs  "  "  2hrs sick
Jan. 9
Germination
Studies plans,
space, personnel.

Jan. 8, as for Jan. 7
6.34 B. S. 4
Jan. 9-10 Sat-Sun

Jan. 11
6. Br. 4 hrs
Plans Ger
Stanley
B.S. Comp. 4 hrs Rep
4 hrs
Jan 12
B.S. A.T. 3 hrs
B.S. S.D. 1 hr
B.S. Annual Report. Corresp. etc.

Jan 13
C.B. An. Rep. 8 hrs
B.S. Status sheets 4-4

Jan 14
An. Rep. 8 hrs
C.B. Status sheets 13.5
4-4
Jan 15
Status sheets
4 hrs. B.S.
Comp 4 hrs B.S.
Jan 18
8 hrs. B.S.
Comp.

Jan 19
1 hr S.T. G.Br.
7 hrs G.Br.
Budget
Plans.

Jan 20
1 hr S.T. B.S.
7 hrs " :
<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Task</th>
<th>Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan 21</td>
<td>1hr</td>
<td>S.T.</td>
<td>B.S.</td>
</tr>
<tr>
<td></td>
<td>2hrs</td>
<td></td>
<td>B.S.</td>
</tr>
<tr>
<td>Jan 22</td>
<td>4hrs</td>
<td>S.T.</td>
<td>B.S.</td>
</tr>
<tr>
<td></td>
<td>4hrs</td>
<td></td>
<td>B.S.</td>
</tr>
<tr>
<td></td>
<td>Comp</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Jan 25 8AM to
Jan 29 11AM
sick lv. febralia
pulled 6 Br.
Jan 29 5hrs
Come Browse
Jan 30-31 Sat Sun.
Feb 1. to 5 incl
sick lv. frost
pulled. B.S.
Feb. 6-7

Feb. 8
8 hrs. B.S.
Comp.

Feb. 9
8 hrs. 6 Br.

Feb. 10
8 hrs. B.S.

Feb. 11
3 hrs S.I. 6 Br.
5 hrs. work 6 Br
Budget.
Feb. 17
8 hrs G. Br.
Plans

Feb 15 to 19
Game Browse
8 hrs solid
Plans, budgets
et.

Feb. 22 Holiday

Feb 23 to 26
Game Browse solid
8 hrs as above
A.L. 24 1/2 hr, 25 1/2 hr
<table>
<thead>
<tr>
<th></th>
<th>Past</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>100%</td>
<td>66</td>
<td></td>
</tr>
<tr>
<td>100%</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>100%</td>
<td>66</td>
<td></td>
</tr>
<tr>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>100%</td>
<td>33</td>
<td></td>
</tr>
</tbody>
</table>

\[ 5 \times 100 = 500\% \]

reasonable use

\[
\begin{align*}
66 & \quad 33 \text{ cu} \\
66 & \quad 500/165 \text{ use} \\
33 & \quad 12 \\
165 & \quad 1500
\end{align*}
\]
Capacity determined by actual use or survey specifications 500.

A0 can be grazed for 4 times to give 33% use.

Application Harvey Valley.

\[
\begin{array}{ccc}
66 & 40 \\
66 & 165/660 \\
33 & 660 \\
165 & 660 \\
\end{array}
\]

Ratio (in)
500 A.U. graze

40% of time in pasture 1
40% of time in pasture 3 and
20% of time in pasture 5

Time = 4 mos

40 x 4 = 16 mos
40 x 4 = 16 mos.
20 x 4 = .8 mos.
In terms of season June 1 to Oct. 1 the grazing use would be past

1. June 1 to July 19
2. July 19 to Aug 12
3. Aug 12 to Sept 30

Diagram.
Cattle moved twice.
Correct time on basis of forage production
(over)
Assumed values for production:

80 190 90

\[ A_v = 89.39 \]
<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>April 13</td>
<td>Left Park car BE with Ned, BAM Poprics</td>
</tr>
<tr>
<td></td>
<td>out on Vaney</td>
</tr>
<tr>
<td></td>
<td>Stopped at Redding to see Stokes Ross</td>
</tr>
<tr>
<td></td>
<td>neither M</td>
</tr>
<tr>
<td></td>
<td>Stopped Falls River Mills Fred Alberta</td>
</tr>
<tr>
<td></td>
<td>also out</td>
</tr>
<tr>
<td></td>
<td>Arrived Toko Lake 6:30 PM</td>
</tr>
<tr>
<td></td>
<td>Lodge Park Motel</td>
</tr>
<tr>
<td>April 14</td>
<td></td>
</tr>
<tr>
<td>To Topeka R.S.</td>
<td></td>
</tr>
<tr>
<td>Mrs. Fisher</td>
<td></td>
</tr>
<tr>
<td>To Quarantine Station</td>
<td></td>
</tr>
<tr>
<td>Looked at sprays and drug stores</td>
<td></td>
</tr>
<tr>
<td>To Perry Springs</td>
<td></td>
</tr>
<tr>
<td>met other pilots</td>
<td></td>
</tr>
<tr>
<td>with Hubbard, Pearson, Lott, Quarantine Station</td>
<td></td>
</tr>
<tr>
<td>at 4 PM</td>
<td></td>
</tr>
<tr>
<td>A.S. Allman, S.P.</td>
<td></td>
</tr>
<tr>
<td>Met Geo. Fisher</td>
<td></td>
</tr>
<tr>
<td>Don Babbit</td>
<td></td>
</tr>
</tbody>
</table>
Neal Rahm
Paul Stratton
Gene Godles
Joe Thornton
Bob Cron
April 15.
Left Alamos
7:30 AM.

Re: petrol
About June.
Arr. Susarville
10 AM.
George Lassal
Bill Jones
Alice Campbell
Ludlow R. Sha
Wrested Doyle 9:04
Arr. Doyle 7:45 PM
April 16
Last Doyle 5:40 AM
Arr. Bishop 12:45 PM
To Super office
Deb Tuman
To Wells 4th
Not records.
At Somersby Rd.
Ag troopers Nelson
for plot records.

Apr 17
left Bishop
8 AM.
To Wells Md
Measured plots
left 1200 rpm
arr Canby City
5:30 PM
Vic. Goodman Ronger

April 13
Leff Carson City
8:15 AM.
Arr. Berkeley 6:30 PM