

Fred Alberico, Ranger  
Bogard District

1200-3

March 8, 1960

A. L. Horsey  
Center Leader, By

Cooperation  
Lassen National Forest - Harvey Valley Allotment

The attached plan is self-explanatory. One copy is for you and the other for Kenops. I will discuss the plan with Berkeley Thursday or Friday of this week. If they OK it I will send you a note immediately. And then if the Lassen O&A do it too will you please send Kenops their copy so they will know what to expect. I'm sure there will be some question, but I will not have an opportunity to answer them before about April 6 when I get back from Washington, D. C. Rushing to the last minute before I leave the office today.

Disturbed by A. L. Horsey  
and signed in his absence  
to avoid delay.

CC: Official File - 510  
Phil Lord - Lassen N. F.

ALHorsey/mw 2-5-60

# Office Memorandum



UNITED STATES GOVERNMENT

TO : State Supervisor

DATE: March 22, 1960

FROM : District Manager, Prineville

*Jackson Allotment*

SUBJECT: Demonstration area

Prineville district has selected an allotment at Hampton for the purpose of a demonstration area. This allotment is known as the Jackson allotment and is covered by the Hampton Flats segment of the Crooked River Community Watershed.

This allotment contains a total of 75,282 acres of which 57,093 acres are BLM land, 2418 acres are county land under BLM control, 1833 acres are state land and 13,948 acres are private land.

Hampton Butte, located on the north side of the allotment, has an elevation of 6333 feet. The allotment extends to about the 6000 foot level. Hampton is approaching the lowest elevation of the allotment and has an elevation of 4416 feet. The terrain slopes to the south from Hampton Butte onto a plateau and then breaks again leveling out on a basin at Hampton. This basin extends south to the district boundary about ten miles in distance. A number of folds in the lava flow, forming the floor of this basin, causes a series of small rims to protrude at intervals. Behind each rim are a series of intermittent dry lake beds composed of heavy clay and supporting only a stand of weeds and rabbit brush. These soils however are very nearly neutral rather than being salty as one would normally expect; consequently, even they have a fairly high potential. The lowest portion of this allotment is in the lake bed just north of the Brown Well pasture.

At the present time this allotment has been fenced into 9 pastures. Several more management fences will be needed to bring the entire allotment under controlled grazing.

Variation of slope, soil condition and vegetation makes this allotment a good demonstration area. Slopes vary from steep to nearly level with the majority being level. Soils vary from thin rocky soils to deep gravelly clay soils with a considerable area of silty pumice soils. Vegetation grades from thick to open stands of juniper out on to flats dominated by big sagebrush. Nearly all of the vegetative types found in the district are found on this allotment at least on small areas.

Development of this allotment into a demonstration area can be brought about with a minimum expenditure for the results. Much of the develop-

ment of waterholes is completed. Fencing is partially completed. There will be only a limited amount of erosion control work such as gully checks and detention dams. The majority of work to be done on this allotment will consist of increasing the carrying capacity. This will be brought about by seeding grass on some ideal sites, spraying to eliminate competition from sagebrush and rabbit brush and restoring native vegetation through careful management.

One pasture containing 1032 acres is completely treated and under management at the present time. This pasture contains 355 acres of crested wheatgrass, 352 acres of aerial spraying and 325 acres of native range. A waterhole has been constructed to supply water.

The crested wheatgrass seeding changed an overgrazed flat from a 40 acres per AUM requirement to a 1.7 acre per AUM requirement. This demonstrates the potential for recovery of some of the more ideal sites on the allotment.

The permittee using this allotment has expressed his desire to help in the rehabilitation of his allotment. He has verbally agreed to match funds with the BLM on reseeding projects and in the past has contributed considerably toward the development of R.I. projects.

*Richard H. Petrie*

Richard H. Petrie  
District Manager

Grazing Season      3/1 - 3/31  
                                 4/1 - 10/31  
Stocking rate      6600 AUM's  
                                 1050 cattle

Seed ripe:

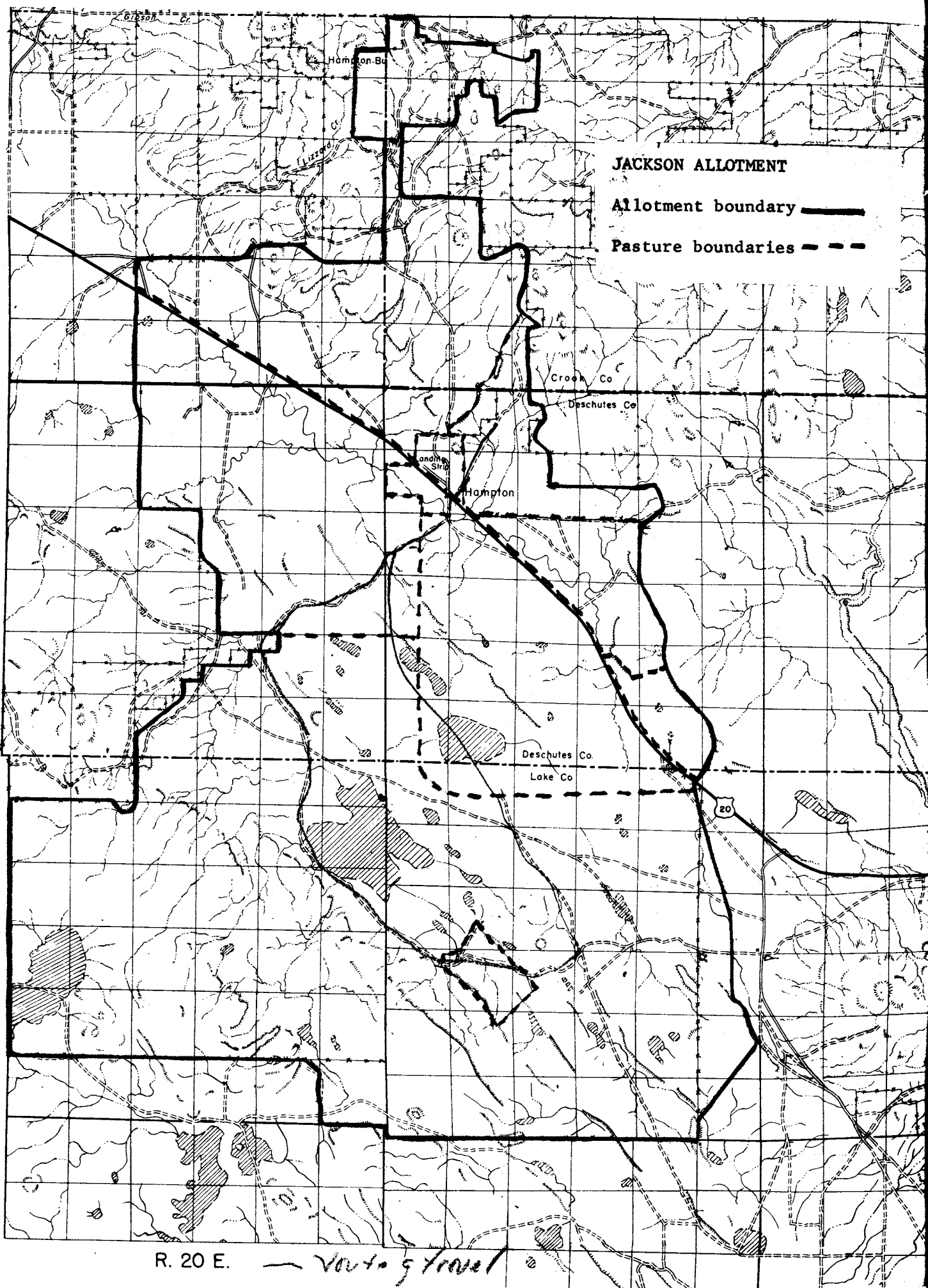
Ag spic      July 15  
Id. fescue      July 15  
Poa secunda      June 20  
Stipa      July 20

T. 21 S.

T. 22 S.

T. 23 S.

T. 24 S.



**JACKSON ALLOTMENT**

Allotment boundary **————**

Pasture boundaries **- - - -**

R. 20 E.

*Route 9 Travel*

RECEIVED

2210

MAR 30 1960

MARCH 28, 1960

*EJM*

REGIONAL FORESTER

EVERETT R. DOMAN, CHIEF, DIVISION OF  
RANGE & WILDLIFE MANAGEMENT

SURVEYS AND PLANS (HARVEY VALLEY DEMONSTRATION ALLOTMENT)

A MEETING WAS HELD AT THE REGIONAL OFFICE ON MARCH 25, BETWEEN RANGE RESEARCH, DIVISION OF RANGE & WILDLIFE MANAGEMENT, AND THE LASSEN FOREST FOR THE PURPOSE OF DISCUSSING PAST MANAGEMENT AND FUTURE PLANS FOR THE HARVEY VALLEY DEMONSTRATION ALLOTMENT. PRESENT AT THE MEETING WERE:

SUPERVISOR PARKER AND RANGER ALBENICO - LASSEN NATIONAL FOREST  
JOE WOOLFOLK AND MERTON REED - PSNF&RES  
E. R. DOMAN, L. L. BERNHARD, A. B. EVANKO AND W. E. WOOD - R-5

JOE WOOLFOLK SET THE STAGE FOR THE DISCUSSION BY PRESENTING A CHART OF PLANNED VERSUS ACTUAL USE OF THE FIVE PASTURES WITHIN THE DEMONSTRATION ALLOTMENT FOR THE PERIOD 1954 TO 1959. THE CHART SHOWED THAT DURING THIS SIX YEAR PERIOD THERE HAD BEEN MANY VARIATIONS FROM THE PLANNED SYSTEM OF USE. THE WIDEST VARIATION OCCURRED IN PASTURE NUMBER 1 WHICH ACTUALLY HAD BEEN USED TO SOME DEGREE EVERY YEAR.

AFTER THOROUGH DISCUSSION OF THE DEPICTED USE, IT WAS THE OPINION OF ALL PRESENT THAT THE "REST-ROTATION" SYSTEM HAD ACTUALLY NOT BEEN GIVEN A GOOD TEST AT HARVEY VALLEY TO DATE. THE DIVISION OF RANGE RESEARCH HAS ALREADY TAKEN STEPS TO TIGHTEN UP ON THEIR CONTROLS OVER STUDIES ON THE AREA. IT WAS POINTED OUT THAT THERE WAS NEED FOR CONSIDERABLE FENCE RENOVATION AND NEW CONSTRUCTION BEFORE ADEQUATE CONTROL FOR PLANNED PASTURE GRAZING COULD BE ASSURED.

THE FOLLOWING PROGRAM AND RESPONSIBILITIES WERE AGREED TO FOR CONTINUATION OF THE DEMONSTRATION AT HARVEY VALLEY.

1. WRITE UP OF "THE HARVEY VALLEY STORY" WILL BE DEFERRED UNTIL MORE POSITIVE DATA REGARDING APPLICATION OF THE "REST-ROTATION" SYSTEM OF GRAZING IS AVAILABLE.
2. A FIELD DAY WILL BE SET UP FOR THE SPRING OF 1960 BUT FURTHER PLANNED TRIPS BY OTHER GROUPS TO THE AREA WILL BE DISCOURAGED UNTIL LIVESTOCK CONTROL IS ASSURED AND MORE POSITIVE RESULTS OF MANAGEMENT ARE AVAILABLE. WOOLFOLK WILL TAKE THE LEAD IN PLANNING AND DISCUSSION.

*This is strange than rest discussion  
EJM*

3. THE "REST-ROTATION" GRAZING PLAN FOR THE AREA WILL BE CONTINUED BUT WITH TIGHTER CONTROLS. FOR THE 1960 GRAZING SEASON, THIS CALLS FOR 200 HEAD IN PASTURE 1 AND 300 HEAD IN PASTURE 2 DURING THE FIRST HALF OF THE SEASON; 100 HEAD IN PASTURE 2 AND 400 HEAD IN PASTURE 4 DURING THE SECOND PART OF THE SEASON; SEASON-LONG REST OF PASTURES 3 AND 5.
4. THE "GROUND-RIG" SAGEBRUSH SPRAYING PROJECT FOR WHICH THE LASSEN HAS \$1,500 WILL BE COMPLETED THIS FISCAL YEAR. AREAS TREATED WILL BE IN PASTURES 3 AND 5 WHICH WILL RECEIVE NO LIVESTOCK USE THIS YEAR. NO MORE CULTURAL TREATMENT WILL BE DONE WITHIN THE DEMONSTRATION ALLOTMENT UNTIL A COMPLETE EVALUATION OF THE ALLOTMENT IS MADE--EVANKO, LASSEN AND RESEARCH.
5. FIRST PRIORITY IN CONSTRUCTION OF RANGE IMPROVEMENTS ON THE LASSEN IN FY 1961 WILL BE GIVEN TO TWO TO THREE MILES OF BOUNDARY FENCE THAT ARE NEEDED ON THE WESTSIDE OF THE ALLOTMENT, LASSEN.
6. THE \$1000 OF FY 1960 RANGE FUNDS THAT WAS SET UP FOR PUBLICATION OF "THE HARVEY VALLEY STORY" WILL BE ALLOTTED TO THE LASSEN FOR PURCHASE OF FENCING MATERIALS FOR HARVEY VALLEY-REGION AND LASSEN.
7. A CLOSE FOLLOW-UP WILL BE MADE ON PRESENT FENCE MAINTENANCE PLANS-LASSEN.
8. A RIDER WILL BE EMPLOYED FOR THE 1960 GRAZING SEASON. THE FOREST WILL CONTACT THE PERMITTEE AND WORK UP AN AGREEMENT FOR COOPERATIVE FINANCING-LASSEN.
9. ALL TREND PLOTS WILL BE REMEASURED AND REPHOTOGRAPHED IN 1960-RANGE RESEARCH.
10. THE OPENING DATE FOR GRAZING WILL BE DETERMINED BY THE RANGER USING THE SAME STANDARDS FOR VEGETATIVE READINESS THAT ARE USED ON OTHER COMPARABLE LASSEN ALLOTMENTS-LASSEN.
11. A WRITTEN COOPERATIVE WORKING STATEMENT FOR FUTURE WORK AT HARVEY VALLEY WILL BE DEVELOPED-WOOLFOLK, DOMAN, AND BERNHARD.
12. IN 1960, RESEARCH WILL ARRANGE WITH THE PERMITTEE TO EAR TAG AND WEIGH 60 COWS AND 60 CALVES AND HAVE THEM EQUALLY DISTRIBUTED AT THE BEGINNING OF THE SEASON IN PASTURES 1 AND 2. WEIGHTS WILL BE OBTAINED AT THE OPENING AND END OF THE GRAZING SEASON-RESEARCH.

*commitments to date as well!*

REGIONAL FORESTER-3/28/60

13. AN UP-TO-DATE MIMEOGRAPHED HAND OUT FOR VISITORS WILL BE PREPARED-  
EVANKO AND WOOLFOLK.
14. ANOTHER MEETING OF LASSEN, RANGE MANAGEMENT, AND RANGE RESEARCH  
WILL BE ARRANGED AFTER NOVEMBER 1960 TO DISCUSS 1960 WORK ACCOM-  
PLISHMENT AND FUTURE PLANS-DOMAN AND WOOLFOLK.

CC: PSWF&RES  
ATTN: JOE WOOLFOLK

/s/ E. R. DOMAN



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
State Office  
809 N. E. Sixth Avenue  
Portland 12, Oregon

IN REPLY REFER TO:

100.4

MAR 29 1960

E. J. Woolfolk, Director  
Pacific Southwest Experiment Station  
P. O. Box 245  
Berkeley 1, California

Dear Mr. Woolfolk:

The Bureau of Land Management plans to establish a demonstration range allotment program in Oregon during the coming year. This program will aid us in portraying the value of good range management practices to stockmen and the general public and evaluating range studies by establishing at least one demonstration area in each of the five BLM grazing districts in eastern Oregon. The areas will be selected on the basis of being representative of large range segments, wherein the allotment will be improved and managed to an optimum extent. These areas will be fenced and cross fenced as needed to inaugurate a desirable system of grazing.

Members of my staff visited the Harvey Valley Experimental Range in Lassen county during the past year and reviewed the grazing studies with A. L. Hormay. It is felt that the principles developed by the rest-rotation study may apply to eastern Oregon range conditions and have a place in our demonstration allotment program. However, before initiating this intensified range program, it would be very desirable if Mr. Hormay could personally inspect the proposed demonstration areas. Mr. Hormay's knowledge of northern California and southern Oregon range lands and the rest-rotation concept would be very valuable to us in selecting the areas and the system of grazing to be followed in the demonstration allotment.

I would be very pleased if Mr. Hormay's schedule could be arranged to assist the BIM in this regard. Perhaps a week would be necessary for this field inspection, and if this arrangement meets your approval, I would like to suggest the week of June 6-10, 1960. This period would fit our schedule and field conditions would be optimum. However, we will reserve any time that would be convenient for Mr. Hormay. We could arrange to meet him, with transportation, at our Lakeview office on June 6 to begin the trip, and return to Lakeview on June 10.

May I hear from you soon regarding this field inspection of BIM demonstration allotments by Mr. Hormay.

Sincerely yours,

State Supervisor

cc: Mr. Hormay