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- Heard the argument pro and con and finally agreed that would be best to meet on the ground and see the condition. Adjourned at 11 P.M. Returned from Reno at 1 A.M. Mileage 98 Storage 50 cents.
- April 28 Left Gardnerville 2 P.M. for Topaz where arrived at 5 P.M. in company with Ranger Jones. Arranged for saddle horses for tomorrow.
- April 29 Had breakfast at 5:30 and went to head of Risue Canyon where began to post range boundary between Schul and Terry-McKay. Marked 6 1/2 miles between Risue and Rock Creek. The snow is well off and feed starting nicely. The portion of range covered is of excellent quality blue grass and browse. Returned to Topaz at 5 P.M. Conferred with Cunningham and Clemmens of A. V. L. Co (Antelope Valley Livestock Co.)* on general matters. Had supper at Mountain House. Returned to Gardnerville 10:30 P.M. Mileage from Rodenbaughs 14.
- April 30 Ranger Jones and I went to near the mountain house for T. J's. car which became disabled last evening while returning from Topaz. Left 2 P.M. returned 5:30 P.M. 30 miles
- May 6 Ranger Jones and I left for Bridgeport via Carson where we met Mr. Hatton. Arrived at Sweetwater at 5 P.M. where saw Ranger Atcheson at the ranger station and talked over general business. Had supper at Yparraguirres and a general talk over range matters. Went to Bridgeport where arrived at 10 P.M.
- May 7 We met Wederzt and Simpson at the hotel and then went to the Paint(?) ranch where Cunningham had transportation for us. Went to Summer's pasture which examined in relation to special use permit to Antelope Valley Co. Looked over it thoroughly and in the evening the Company decided to cut the size of pasture which was accepted by both parties. Came back to Bridgeport where spent the night.
- May 8 Returned to Sweetwater where conferred with Atcheson and then returned to Carson where Mr. Hatton took train. Arrived at Gardnerville at 7 P.M. Per diem for dinner May 6 to supper May 8. Mileage 281. Auto storage Bridgeport May 6 - 7 @ 50 cents - \$1.00.
- May 24 Left Gardnerville at 7:30 A.M. for Bridgeport District. Arrived at Wheeler R. S. about noon and saw Ranger Green. Talked over general work with

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him for 1/2 hour. He and Ranger Jones are going to build the house at Leavitt Meadows. Went to Bridgeport R. S. where saw Ranger Tyler. In P. M. we went over general matters about station and talked over the work of District. Tyler and I went to Green Creek R. S. where we selected a place for cabin to be built there. Went over trails at that place and discussed the range with him.

- May 26 We cut and peeled 30 aspen poles which will use in cabin. Cleaned a place for cabin and trimmed up a small grove to allow better view. Will probably want to fence in small pasture at the cabin.
- May 27 Went up to Dundenberg rim and looked over range in that locality. Pointed out range lines to Tyler. Came back to camp and went to Bridgeport. Found that (Sui?) had grazed sheep on Antelope Co. lands next to boundary on Green Creek. Warned him about the Forest line which he said he knew.
- May 28 Tyler and I went up Robinson Creek to Smith special use. Smith is now clearing land and building house. He was shown the lines of permit and given general advice regarding the permit. We went up Summers trail to Summers meadow. The trail was tramped in several places, probably by sheep last year. Told Tyler to warn Wedertz regarding it. Went up to upper Twin Lake. Found Day had completed his dam at that place. Came back and looked for stream gage on creek. Could not find it. Told Tyler to look carefully and if it is not there to report it to me.
- May 29 Left Bridgeport R. S. for Gardnerville. Saw Terry Bros. at Antelope. R. Terry said did not know just where lines of spring range were in country above Topaz. Told him to ask Ranger Atcheson to show them. Told him of the approximate location and that they were posted. Told him that Green had counted an excess in cattle of theirs on range. He claimed that calves under 6 months were counted. Said he would look over the matter with Green. Saw Cunningham at Topaz about their private land. He will help Tyler post boundary of land north of Summer's pasture so range can be fed with range outside and no permit will be required. Returned to Gardnerville at 1:45 P.M. Mileage 197
- June 3 Received phone from Wheeler R. S. of death of Mrs. Green. Ranger Green asked that I go to mountain house where met him. Went over and met him below () house. Brought Dr. () () left 8 A.M. Returned 12 M. 39 miles. Gave all assistance possible.

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- June 7 Left Gardnerville at 7 A. M. for Markleeville where met Ranger W. J. Clark. Went to Wolf Creek camp. Phone line is badly down to Wolf Creek. Talked with R. Vallem in re trail. W.J.C. and I rode over west end of trail near Wolf Creek which we propose to fix. Camped at Wolf Creek.
- June 8 Rode up Wolf Creek with W. J. C. and R. Vallem. Inspected site which Vallem will fence for S. U. pasture and then looked over falls trail. Found good way to pass around falls which will stake out and grade later. Went over upper end of Wolf Creek into Murray Canyon. Much snow on way and upper Wolf creek range feed not yet started to grow. Found Murray Canyon feed coming up nicely. Went up to Soda Springs camp where spent night. Fence broken down by snow - patched it up.
- June 9 Went up Poison Valley trail which was washed and filled in considerably. W. J. C. will have it cleared up. Went via Fish Valley to Coyote pasture where we had lunch. From here went to Corral Valley in which the feed was O.K.; thence over slope to near Golden Gate and into Slinkard Valley. Decided upon range line between A. V. C. Co. (Antelope Valley Company)* and Powell. Came over ridge to Bagley camp.
- June 10 Returned to Wolf Creek over lower trail. This will be a practical route to fix instead of upper one as is better grade. W. J. C. will run it out and stake it later. Arrived Markleeville at 1 P.M. where had lunch. Talked over general matters with Clark and returned to Gardnerville at 4:15 P.M. Mileage 47.
- The diary book starting with an entry of June 15, 1915 has this written on the first leaf: " Note-Diary in condensed form. Is expanded by memos relating to various things which are in files. W.M.M."
- June 15 In company with Ranger Jones went to Mono Lake in order to look over lower portion of Excelsior Mtn. country. Met Ranger Clark at Lake and went to Lee Vining R. S. for evening. Talked over general matters with Clark for balance of day.
- June 16 Jones, Clark and I went to Cranbe(?) meadows where camped. 34 miles by saddle.
- June 17 Rode into lower end of Excelsior addition and looked over ground. Found sheep had recently trespassed in this part but could not find (). Rode to a prominent point B.M. 8253 in T. 2 S., R. 31 E. where an

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excellent view was had for long distance. The territory in the S. E. corner of this tract has excellent forage with much bitter brush and bunch grass. Was told there the sheep probably belonged to Basques who feed around Basalt in numbers and who watered in springs near there. Jack's spring could be developed to () this territory and also the water in Huntoon Valley. Clark will make trip to examine springs in a short time. () on time of Shaw's(?) cow men who know the country well who will go with him. If the water pans to be O.K. it will be well to post the boundary this fall of S. E. corner. Camped at Adobe meadows.

- June 18 We rode north into the S.W. corner of Forest today. Went as far as spring in Huntoon Valley and returned to Adobe meadows. No sign of trespass in this portion. The forage is poor and not adapted to grazing in S.W. portion. After Clark makes his trip will plan to take up boundary this fall if water is O.K.
- June 19 Returned to Lee Vining R. S. and take up matter with Clark of general nature. Went to Grant Lake in evening. The Pacific Power Co. has 150 men at work on dam in upper Rush Creek and are improving the roads preparatory to hauling material.
- June 20 Returned to Gardnerville. 222 miles. Left headquarters 6-15 at 7 A.M. and returned 6-20 at 8:15 P.M.
- July 9 Went to home of C. M. Henningsen and took up with him amount of construction done on Alpine Land and Reservoir Co. See my letter to District Forester. Mileage 7
- July 12 Left Gardnerville at 1 P.M. for Sweetwater District; arrived at S.W. R.S. at 5:30 P.M. where met ranger Atcheson and talked over general matters.
- July 13 Ranger A. and I rode up to () mine where conferred with Mr. Werner in re proposed power plant. They will probably want to build it this summer. Rode over burned area where large fire burned last summer. A. told me that a good growth of weeds came in there in the spring and the cattle fed it off close. They still were feeding over it to exclusion of nearby feed. Was badly tramped so could not tell just what growth consisted of. Kitchen weed was quite common and some tobacco plant. We came back by Tamarak mine and looked over range. Feed is quite good.
- July 14 A. and I rode up by Mt. Patterson to Lobdel Lake. Much snow is still on

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slopes and meadow feed not far advanced; brush feed is O.K. and stock looks good. Rode over Schul range to Rock creek. Range is in good condition but is getting dry.

July 15

Rode from Lobdel lake country over Desert creek to Schul camp. Conferred with Schul's herder in re McKay trespass. He said McKay had fed them out of about 2 weeks feed south of Rock creek. Went over Desert creek and into Little Smith Valley. Feed here is excellent and stock looks good. Went to Rickey mine country and back to Sweetwater R. S. Talked over general matters with Ranger Atcheson.

July 16

A. and I went to various permittees to call on them and ask about cooperation in building a cabin at Lobdell lake. Following agreed: Atcheson, Roach, Fredericks, Wiley. Ranger Atcheson will take charge of work and will assess each permittee \$16.00 which will be paid direct to carpenter. Returned to Gardnerville at 3:45 P.M. Mileage 131 From supper July 12 to dinner July 16 - dinner July 16 @ .90, balance @ .50.

July 26

Left Gardnerville for Bridgeport R. S. at 6:15 A.M. arrived Bp. at 11:30 and had lunch. In P.M. Rangers Jones and Tyler and I went to upper Twin Lakes where we camped for night.

July 27

Went up canyon above upper lake as far as Barney lake. See memo G. B. Day range. In P.M. we rode up Cattle Creek to south of upper Virginia lake. Found a surprise in way of feed. The canyon is about 3 1/2 miles long and has narrow meadow nearly entire length. The slope to east is fine brush feed. Found two bands of Wedertz-Simpson sheep, about 2300, which had been here about 1 week. They said would stay about 1 month. See memo - Wedertz. Returned to camp at 8 P.M.

July 28

Rode up Horse Creek canyon to see condition of feed. Found good range to east slope and some small meadows. This probably was not fed in 1914 as saw much old feed left. Rode east to Tamarak lake and down to lower Twin Lakes. See memo. Returned to Bridgeport R. S. where talked over general matters with Ranger Tyler. Told him to make survey of S. U. for Antelope Valley L & C Co.; also to estimate capacity of land for cattle which fence encloses.

July 29

En route to Leavitt Meadows. When arrived at Blackburns () gas had leaked away so returned to Gardnerville. Arrived at 2 P.M. 132 miles.

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- Aug. 11 Left Gardnerville at 6 A.M. for Alpine district. Had breakfast at Markleeville and Ranger W. J. C. and I left immediately for the field. Passed up Burnside trail and over a good portion of Ruhestroth and Sorensen ranges in vicinity of Hawkin's Peak. Forage in very good condition. There is () sheep forage nearly to top of peak which is above 10,000 feet. Passed down on N. W. slope to Barton camp and to Celio's where spent night.
- Aug. 12 We had short talk with G. Celio on range. He had no complaint to offer and seemed satisfied with conditions. Rode up range on Willow Creek to summit and down Horsethief Canyon to Carson River. Horsethief Canyon range has much good meadow range which is fairly well fed over. Many willows. Had dinner at Celio's. Celio wanted Barton to cooperate in building fence between them. I spoke to Kyburz about it and he is willing to do so. In P.M. passed en route to summit near Maxwell's, Dressler's, and Bamert's. The upper range is excellent and shows but little result from grazing. Camped at upper Blue Lake for night.
- Aug. 13 Returned to Markleeville via lower Blue Lakes and Thornburg Canyon trail. Found the trail somewhat washed in places and sheep had passed over some of it. Arrived at Markleeville at 1 P. M. and had dinner. Conferred with W. J. C. on several matters of District and with Mr. McNobel(?) on general forest work. He is U. S. Commissioner for this district and is much interested in Forest work. Returned to Gardnerville at 5 P.M. Mileage 46.
- Aug. 16 Mr. Barrett from the District office and I left Gardnerville for Bridgeport and Mono Lake. He was shown the character of country as passed along. Arrived at Hammond's in same evening where spent the night.
- Aug. 17 Mr. Barrett and I went to Silver Lake where we looked over power plant now being built and over the S. U. area which campers want. Since the outlet of power plant will be near the lake it is not likely that the lake will be raised; especially since the storage of lake is small. Met a number of campers and talked over proposition to them. Mr. Knox desires to special use a tract.
- Aug. 18 Mr. Barrett went by auto stage to Bishop and I wet up to Gem and Agnew Lakes where power company is putting in dams. Examined cutting of timber and works in general and returned to Silver Lake. Co. men had a small fire while clearing land for pole line. No damage done. Talked with

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Mr. Knox in re special use for camp site and on general matters. Came back to Lee Vining R. S. where spent night. (I.) Fallon stated that a number of mining claims on Mt. Warren are conflicting with grazing on his range. Told him would write claimant and try to get him permission to graze there. He was shown a watering place on ditch at Lee Vining.

- Aug. 19 In morning talked over matters with Fallon and Currie(?) and inspected the files of R. S. Talked over general matters with F. B. C. (Ranger Clark)* In P.M. we went to Tioga to look over range and possible camp sites. This is on new road to Yosemite and much travel will result. Found a number of good camp sites which Clark will run out. State road camp we requested to clean up cans and trash of camps when they move out. Camped at Tioga.
- Aug. 20 Returned to Lee Vining R. S. and talked over various matters with Clark. Came as far as Sweetwater where spent the night. Ranger Atcheson was now at camp. Talked over range matters with Yparraguirre.
- Aug. 21 Returned to Gardnerville at 12:30 P. M. Mileage 275
- Sept. 8 Went to Mountain House to get Ranger Tyler who came from Bridgeport for medical assistance. Came back same day. Mileage 36
- Sept. 10 Went out to inquire about work done on Alpine L. & R. Co. Saw R. Tholke who gave me some information as to date work has been done. Mileage 15
- Oct. 4 Went to Bridgeport country and arrived at Wheeler R. S. in evening. Conferred with Ranger Green on general matters during evening.
- Oct. 5 Ranger Green and I went over a part of Sweetwater cattle range up Willow Flat creek and over into head of Molybdenite Creek and down that country to Wheeler Flat. See memo in Grazing in re it.
- Oct. 6 Ranger Green and I went to Leavitt Meadows R. S. where inspected cabin built this year. It looks O.K. and will require a little trimming up and a garbage hole; also should place a gate next to creek. We surveyed out the fence and house site. Looked over station. Burned some willows along fence line. On return saw place where sheep had trespassed recently. Had talk with B. Rickey who wanted to homestead place on Walker R. S. site. Advised him that he could apply but didn't believe that it would be suitable

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- for homestead place. Returned to Wheeler R. S.
- Oct. 7 Went to Bridgeport and R. S. where met Ranger Tyler. Talked over the Girard and Day trespass cases and some special use cases; also about grazing report which is due soon. We tried to burn willows on the station but was too much green stuff among them. Had a general talk about matters of the district.
- Oct. 8 In A. M. I went to Mountain House where had an appointment with J. Wilson of Pine Grove. He did not "show up" so came to Gardnerville.
- Nov. 16 Ranger Jones and I went to Topaz and Trumball(?) place on W. Walker thence up east to near Deep Creek where looked over some range which the Antelope Co. wish for fall and spring sheep feed. A part of this has been allotted to Schul but he has apparently never fed it on account its being too dry during period of his permit. Found excellent stand of bitter brush on slope just N of Deep Creek and east of river. It will be available until Dec. 1 at least. Is as fine a piece of brush as have seen anywhere. Mr. Cunningham and his packer were with us and we explained the range boundary to them. Returned to Gardnerville. Left 8 A.M. returned 7 P.M. 1 - dinner on range.
- Nov. 23 Went to Golden Gate mine at head of L. Antelope Valley where mining Co. had cut some timber. Found 101 pieces average about 20' long and 8" middle diameter which they had cut for mining timber. Consulted mine leaser about sale of timber and went through mine which was interesting. It looks like a good property and may have sale for more timber. 76 miles.
- Dec. 9 Mr. Ratcliff and I went to Sweetwater R. S. where arrived in afternoon and conferred with Ranger Tyler. The visit was to have Mr. R. examine files and property at R. S. and I to take up plans for next year with Ranger Tyler. (Alfred Ratcliff was a clerk in Supervisor Maule's office)*
- Dec. 10 Resumed work at R. S. which we completed at 8 P.M. Took up general matters with Tyler and spent night at Yparraguirre's. Talked over range matters with Y. and he says has bought some springs in Huntoon Valley and will probably apply to use S. E. corner of Excelsior country.
- Dec. 11 Left Sweetwater via R. S. and came to Gardnerville where arrived at 11:30 A. M. 114 miles

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- Jan. 10 Went to Reno to confer with Mssrs. Headley and Kelley on estimates.
- Jan. 11 Conferred with Mssrs. Headley and Kelley on estimates and general Forest matters.
- Jan. 12 Returned in A. M. to Gardnerville. T. R. 72521 - supper Jan. 10 to breakfast Jan. 12 outside Forest.
- Jan. 16 In afternoon started for Aurora in order to meet Ranger F. B. Clark. Went via Reno and Hazen to Thorne.
- Jan. 17 Arrived at Hawthorne at 11 A. M. where had prepared to take auto to Aurora. Was snowing and raining so phoned J. S. Curie at Bodie who said Clark had not come. This being case I staid at Hawthorne and tried to get phone to F. B. C. at Mono Lake. Word was sent to Dechanhaus and Jordan power plant. Could not get reply. J. S. Cain said that it was not impossible for Clark to have come to Aurora the day previous.
- Jan. 18 Returned to Reno where had to wait for track to clear until Jan. 20.
- Jan. 20 Returned to Gardnerville at 1 P. M.
- Jan. 24 to Feb. 21. On detail study trip to Tahoe Forest.
- Feb. 28 Left Gardnerville for Mono Lake via Thorne.
- Feb. 29 From Thorne to Bodie.
- Mar. 1 Bodie to Mono Lake where conferred with F. B. Clark (see - ?).
- Mar. 2 Mono Lake to Bodie.
- Mar. 3 Bodie to Thorne.
- Mar. 4 Thorne to Reno.
- Mar. 5 Reno to Minden.
- April 11 In company with Ranger Jones went to Sweetwater R. S. where met Ranger Tyler. Mr. J. Fredericks called and took up the drift fence proposition. Wants to build one on south end of range to keep stock from

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- going to Bridgeport. Figured up route as well as could and Ranger A. (Atcheson)* will do field work to finally settle it. C. Jones called in re addition to C & H permit of S. Philatro. Told him would look case up when return to Gardnerville; that his permit was not increased because apparently had no extra forage. If he could not rent feed might give him a temporary permit this year as season would be above normal. Talked over Wedertz trespass S & G with Tyler. Arranged to get 2 horses from Yparraguirre for tomorrow. Began to snow in evening.
- April 12 Fall of snow prevented field work in higher places. We sowed 2 1/2 acres Bermuda grass seed at station as an experiment. Tyler will send report on it. Trimmed up some small trees at the station. Ground some axes and other tools. Talked to Yparraguirre on range divisions in Excelsior Mtns. Arranged to get 4 burros from him at 25 cents per day for working range boundary in Excelsior Mountains.
- April 13 Went to Nye Canyon where met J. W. Wilson and we decided on definite lines as his cattle range. Posted line toward Pine Grove. Went to Rockland en route where spent night. Talked over general matters with Schrader.
- April 14 Rode over north end of spring sheep range. Feed not far advanced on higher places. Saw 12 wild horses on range. Examined Terry springs which he had developed. Posted north line between S & G - C & H. Saw C. E. Day and explained to him his range boundary. Returned to Sweetwater R. S.
- April 15 Went to Wellington where saw Fulstone Bros. They have leased Pimental land and told him would consolidate their tract with his main range. Told him where the lines are on spring range and that he could water at Terry springs. Saw (J). Simpson and asked him about how his sheep were handled. He said that E. Wedertz has full control in herding them. This information was arrived(?) in () with Wedertz trespass. Went to Topaz to get feed prices on sage land. Cunningham () that for that period sage land was as valuable as alfalfa. 1/2 cent to 3/4 cent per acre per head for lambs.
- May 25 Went to Terry place in Antelope Valley in order to examine and provide for more spring range for him and McKay. Arrived in evening and met a number of cattlemen there and discussed range matters with them.

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May 26

In company with Ranger Jones, R. C. Terry and J. McKay rode up on their spring range east of Antelope Valley. The season has been backward and dry winds have kept forage back. Rode () over range and found grass quite well advanced. The main point was to extend the range eastward if possible. After looking well over it we found that a narrow strip was better adopted to spring than summer. It dries out early and water becomes scarce thru this strip; cannot well be used in summer. Posted boundary notice above Trumball place; also "Fremont" sign near by. After a careful examination we decided to extend the range to allow spring () all the watershed of Risue. Also gave a watering place in Rock Creek. Rode back over a part of Schul range which found in fine condition. It is early feed generally and should be used about one month sooner than the present. Found band of sheep of Antelope Valley L. & C. Co. en route to summer range. They have loitered too long near Trumball place so went to Topaz and told Co. that would have to move along promptly. They would attend to it tomorrow. Came back to Terry ranch where discussed range matters. They would like an extension of summer range. Told him would see if possible. Returned to Gardnerville 9 P.M. Left G.V. 5-25 at 2:15 P.M. Returned to G.V. 5-26 at 9 P.M. 78 Miles. Driving 5-26 inside Forest - other work outside. Have written memo in fuller description of trip. Terry-McKay Range.

May 28

Went to Reno this evening.

May 29

Had conference with Mr. Murphy and Campbell of Truckee Gen. Electric Co. over patents of some land in Sec. 15-22, T. 8 N., R. 21 E. along Carson River. Went over records carefully and found they had patents for land which we show as vacant in Sec. 15. Took notes of the records for our records. Had a general talk with members of company regarding Forest business. Wanted to see Indian Agent asking re some Indian land inside Forest. Failed to make connection. Left GV 5-28 at 2:30 P.M.; arrived Reno 5:30. Left Reno 5-29 @ 5 P.M., arrive GV 9 P.M. Mileage 96.

June 1

Left GV for Little Walker C & H range where had appointment to look over range enlargement. Stopped at Topaz and Coleville and took Mssrs. Pitts and B. Chichester with me. We went to Huntoon ranch and met Ranger Green. Walked to range in question and went over it carefully. Decided on line of fence to be built. Will not require much fence. A short stretch across canyon heading into lower end of Little Long Valley. There is a sagebrush area that cattle might () and if any stray over it will be

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fenced. The general condition of range is backward owing to cold winter and is drying out badly. Cattle are getting well into the brush where forage is better than on meadows. Fence will be built and () and Green will post the range along ridge to keep sheep out. Talked over general matters with Green. Came back to Topaz where spent night at Pitts ranch. Discussed general range matters with him.

- June 2 Returned to GV from Topaz. Talked with Cunningham on general range matters. Left GV 6-1 at 6:30 A.M., arrived Huntoon 11 A.M. Returned GV 10:30 A.M. 6-2. Mileage 131 From dinner 6-1 to Breakfast 6-2, one meal inside, other outside.
- June 8 Made trip through Carson Valley to interview free use permittee and S-22 purchases. Went as far as (F) Brun's ranch and returned via Centerville. Got data desired and returned to GV. Left 1 P.M., Ret. 4:15 P.M. 31 miles.
- June 14 Visited a number of S-22 and Free Use permittees in Carson Valley, as follows: T. Tholke - J. D. Tholke, (S or L) Ruhenstroth - J. Hellwinkle - J. (R) - (F) Cordes - H. Cordes - (F) Bristen(?). Left GV 8:30 A.M., returned at 11 P.M. 29 miles.
- June 17 Last evening Mr. Cunningham of A. V. L & C. Co. phoned that J. E. Powell sheep were in trespass on their range. Told him would come to Topaz tomorrow morning. Went to Topaz where met Cunningham who had horses ready. We rode up Slinkard Creek into that valley and thence south to Forest boundary. Found that J. E. Powell had brought his sheep over divide between Slinkard and Bagley Valley and had passed up west side of Slinkard Valley. He crossed nearly at middle of valley near Forest boundary or a little inside. Was on range when we came up to him. One band was just over line of company range and the herders were shown where definite boundary was. Said they had been told of the line only today and not yesterday. Did not find an serious damage to range through trespass and seems that the report was somewhat premature. Powell took somewhat too long a time in going in and might have been more careful of route. Left GV 6 A.M.; returned to GV 10:15 P.M. dinner inside - supper outside. Miles 60
- June 20 Left GV for Bridgeport district - arrived at Bp. 7 P.M. Had talk with Mr. Reed, Sup. of Indian School at Bishop. Went to Bridgeport R.S. where spent night. Saw herd of sheep belonging to Fulstone Bros. en route which

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were off range. Told herder would lay off range tomorrow.

- June 21 Tyler and I went over to Wheeler R. S. where got some supplies and tried to phone Fulstone Bros. Could not raise them. We went up Swauger Canyon and looked over country with view of laying off range to Fulstone Bros. which would be equal to value of private land they lease from Mr. (P). Decided on watershed in upper E. end of creek. See map. Came back to Devil's Gate Flat and explained to herder where range is. Marked it with posters across Swauger Creek. Balance of line follows district ridge. Returned to Bridgeport R. S.
- June 22 Tyler and I worked on fence at R. S. and place front gate in position. Fulstone Bros. came at noon and we talked over range and explained where had given them an allotment. Fulstone Bros. saw Powell sheep near this flat. He said was going on range 6/25. If so would higher be route in other range. Tyler will look up.
- June 23 Went to Bridgeport and saw Mr. Delong in re Mono City I. Co. The true name means Mono City Investment Co. incorporated under Law of California. Went to Masonic where conferred with () Stall in re sale of timber. Looked over some free use and sale cuttings below Masonic. Brush is not well disposed of. Took this up with Ranger Atcheson. Had dinner at Yparraguirre's and talked over range matters with them. Went to Sweetwater R. S. after dinner and met Atcheson. We discussed Forest business during P. M. Especially sheep crossing his district. Seems that all such should have crossing permit. Took up sales with him and told him to have brush disposed of. () to report on pole line settlement of Stall Bros.
- June 24 (W?) reported seven sheep on cattle range. He will look up today. Came to GV where arrived at 1:20 P.M. Left GV 6-20 at 2 P.M.; first meal at Bridgeport (outside). Returned GV 6-24 at 2:20 P.M. Last meal at Mountain House (dinner), all others inside. 179 miles.
- July 7 Accompanied by Ranger Jones we went to Markleeville where met W. J. C. (Ranger Clark)* Went direct to Loope and to Curtz Consol. M & M Co. to look over timber cutting and talk over proposition with Mr. Curtz. After looking over ground I explained to Curtz that a part of cutting had been done illegally and he would be called on to settle. He had an idea that he had complied with the law regarding cutting of timber from claim to use

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- in construction of Quartz mill site. W. J. C. will get data, etc., and then will call for settlement. Curtz seems willing to settle it as we suggest. Came back to Markleeville and went to Hot Springs R. S. and talked over things there. The new barn is well constructed and will stand snow O.K. Came back to Markleeville and met Maesterina. He agreed to accept change in range on proposition that he be given an increase of 300 sheep on it. This will be good plan as it can be fed with extra amount O.K. Met Tryon and he was told that had his range as in 1915. This will settle the adjustment nicely. Left GV 6:40 A.M.; returned 6:45 P.M. 68 miles.
- July 16 En route to Mono Lake. Met B. Chichester on way. Said several head cattle had died (poison) on range. Had just been there. Had moved them to higher place. Arrived Wheeler R. S. where saw Tyler and Allerman. Had general talk with them. Arrived at Mono Lake in evening where met Woodberry and Hopping (T. D. Woodberry was assistant district forester in charge of Silviculture; Ralph Hopping was a national forest examiner for insect control; both from San Francisco)*
- July 17 In company with Mr. Woodberry and Hopping went to Silver Lake where we met Ranger Green. Saw power Co. engineers and went to Gem and Agnew Lakes where inspected timber cuttings of power co. Stumps were too high generally. Fuhrman's(?) attention called to this. Mr. W. pointed out method of establishing stumpage for settlement and % of deduction to make in estimating. We came back to Farrington for night.
- July 18 We went to Mono Mills and to logging camp where looked over condition of timber. Returned to Lee Vining R.S. in evening. Went to () ranch where we spotted property which F. B. C. had stored there. Mr. Woodberry said would best take up matter with District Forester for method of recovery.
- July 19 Mr. Woodberry and Hopping left. Green and I repaired () line from R. S. to near Rodgers ranch. - set many poles which had rotted off. Conversed with J. B. Anderson who said Fallon's sheep crossed in many places and filled his ditch up. He wants to cooperate in putting in a bridge near crossing. Will write Fallon.
- July 20 Green and I rode over Fallon and Ellisonderberry range up to Parker Lake. Did not see any cattle of A. V. L & L Co. on range of Ellisonderberry.

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- They had taken them and placed inside pasture. Feed in lower places is getting very dry. Came back to camp via higher part of range. Was not in very good condition. Feed dry.
- July 21 Green and I went to Tioga where we repaired the pasture fence. Placed a number of fire and camp signs along way. Many timbers over Tioga road which is just being opened for the season. Returned to Lee Vining R. S.
- July 22 Returned to GV. Stopped at Bridgeport R. S. en route. Tyler not at home. Left GV 7/16 7 A.M. First meal at Wheeler R. S. - dinner. Returned GV 5:20 P.M., 7/22 - last meal at Fale's Hot Springs - dinner. Miles 304.
- Aug. 9 In company with Mr. (Banet?) left GV for Mono Lake district. Stopped at Bridgeport R. S. where talked over matters with Guard Allerman. Arrived at Hammonds in evening.
- Aug. 10 We went to Lee Vining R. S. where met Guard Green. Talked with him in morning and went over general matters. In evening went to Farrington Ranch.
- Aug. 11 We went to Silver Lake and looked over country for home sites around the lake.
- Aug. 12 We went up Reverse Creek as far as Summit lake and inspected country with view of laying out camp sites. Found good place east side of Gull lake and on meadows to south. Saw Shipley and looked over a proposed special use he wants for horse pasture on Reverse Cr. Green will report on it. It is probable that () have built corral or barn on Government land. Green and Smith will check this up when they run out camp sites near it. Looked over proposition of road up Reverse Creek. The Power Co. may do this in order to connect with new stub road which will pass near Summit Lake. The Co. engineer said would look it up.
- Aug. 13 Talked over general matters with Mr. B. (Sunday)
- Aug. 14 Jones and I made general range inspection of higher country back of Farrington and Silver Lake.
- Aug. 14-15-16 See memo, G - Supervision, in which detail is given.

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- Aug. 17 Left Farrington and went to Bridgeport.
- Aug. 18 Allerman and I went to Leavitt Meadows and inspected trail up to Piute Meadows. The work is well under way and considering the hard going is being done as cheaply as one could desire. Grade is steep in places but such is necessary. Told Allerman to spend next week on this work with the man doing rock work. He is to brush out and select grade and help out on blazing, etc. This will complete the trail by end of week.
- Aug. 19 At Bridgeport R. S. Talked over general matters with Ranger Tyler. Stopped at junction and told Settlemeyer to burn a bull carcass which was lying near road above Wheeler R. S. Returned to GV. M. 329.
- Aug. 26 In company with Prof. Bryant went to Rodenbaugh hill and collected specimen of pinyon and Utah Juniper for Feather River Experiment Sta.
- Sept. 11 Went to Markleeville, Cal., where met Ranger W. J. Clark. In afternoon we rode to Blue Lakes via trail up Border Ruffian. This trail will require side brushing soon especially along lower portion. W. J. C. will attend to this next year. He has placed brush in small gulch crossings which affect good catching place in filling in crossings with soil and good ().
- Sept. 12 Went from Blue Lakes to Raymond Meadows where we went over the trail survey for Indian Valley to Raymond Meadows. Is generally well located; made a few changes. The route is () on late snow drifts which are not apparent late in summer. Feed in this basin is quite good considering season. No stock noted in it.
- Sept. 13 Rode over trail survey to mouth of Bull Canyon. This survey was not well located and will have to be changed considerably to cut out many switch backs and provide a better general grade. Camped at Vallem camp. Feed in Bull Canyon good - cattle there and look O.K.
- Sept. 14 Went down canyon and up to east over () and Cordova ranges. Feed on top not yet grazed and some good side hill feed in Wolf Creek that is not used. Went down over W side of Bryant benches where saw evidence of cattle grazing. Went up to Dumont meadows where camped. Saw about 15 head of Dangberg cattle below Soda Springs on land they lease from Power Co. Meadows eaten off very closely.
- Sept. 15 We went up to Poison Lake in morning. Examined site held by Alpine

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- Land & Reservoir Co. to see conditions. Found old dam at mouth of lake which did not effect any storage. Was probably built by wood cutters who formerly cut wood here for Virginia City and made dam for floating wood out. Top of dam as estimated from () about 45 feet long. Was about four feet high and no evidence of recent work there and logs which were in its construction were badly decayed. Took photograph at dam site. Returned to Dumont and went to Carson River site in Sec. 4, T. 7 N., R. 21 E. Good site but no work had been done. Took photo. Returned to Soda Springs where had appointment with Mr. Cordera to meet me.
- Sept. 16 We rode up Golden Canyon where met West and Hingston(?). Looked over meadows at head of Golden Canyon and in head of Boulder Creek. We () () Cordera to be present but he failed to show up. Made readjustment of range between his and Mrs. (?) Adams in which Mrs. A. will place drift fence across head of Golden Canyon to get control of small meadows in it. Cordera will be given () feed on upper Boulder Creek. This will be marked and posted next year by rangers of Mono and Stanislaus Forests. Cordera has fed on Mrs. Adam's range this year to some extent and she has fed on his range in exchange. Came back to Dumont by Carson River. Told Cordera's camp tender to clean up his camp. Told W. J. C. to place paper posters on cabin and fence at Soda Springs R. S.
- Sept. 17 Met Neddenriep and discussed a proposition for the cattle which grazed along the river. He was removing them today and will allow Cordera to graze their lands along river for remainder of season. The Dangberg drift fence down river has not been put up this year which probably accounts for their cattle getting up the river so much. Told W. J. C. to look after such matters better. Came by Fay's camp and to Markleeville and returned to Gardnerville. M. 52
- Sept. 25 Went to Sweetwater District. Arrived at R. S. - 5 P.M. but did not find Atcheson at home. Went to Yparraguirres for night.
- Sept. 26 Atcheson arrived about noon. I fixed my casing as had a "blow out" coming in. Went to R. S. where conferred with Atcheson on general Forest business.
- Sept. 27 We went to Masonic to inspect () sales and free use cuttings. Inspected several sales of Stall Bros. below Masonic at end of new road they had built. This is covered in special report. Called on Stall at Masonic and

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- advised him about cleaning up the top wood. They will take this for fuel and clean it up soon. Stumps are generally cut down to proper height. We returned to R. S. in P. M. The pine nut crop is very large this year and Indians are out now collecting them.
- Sept. 28 Atcheson and I went along east side via Fletchers and Yerington. At Fletchers spoke to () Sharp in re his cattle on Forest. Told him we would send application about January and expl. manner of filling one out and how the payment was made. Saw Mr. Greuber(?), a butcher for (H). He asked about Forest line in Huntoon Valley. He is running cattle there this fall. Told him where the line was to be found. Went to Wichman's. Saw one of the boys who wants special C & H range near his ranch. Looked over the proposition and believe it will be well to give him a special range similar to that of Wilson in Pine Grove. Went to Fallon's but he was not at home. Went to Yerington where saw Mr. Hull of Schul estate. Stated proposition of feeding between Schul and the Sweetwater C & H. He was in favor of our proposition. See memo (Schul) S & G. Spent night at Yerington.
- Sept. 29 Returned to Gardnerville at 2:30 P. M. H. W. A. (Atcheson)* was left at Wellington where will go to Sweetwater. Following propositions to Ranger Atcheson to attend to: Look after China Tom and see if he has cut any wood from Forest recently. Yparraguirre said he saw his outfit in Bodie delivering wood. Look over a driveway for sheep up Rough Creek. Examine Schul range carefully to see if they had sufficient feed during summer. Gave direction of special () to be taken up in G - report. M. 232
- Oct. 24 Went to Sheridan where inspected sale to E. Scossa, 12/13/15. Measured 37 1/2 cords of wood on this sale and stamped same. Returned to GV in P. M. Left at 8 A. M. returned 1:30 P. M. Miles - 21. Dinner at Scossa ranch.
- Oct. 26 Went to Washoe Co. court house to see if deeds of H. Curtz to B. Andera(?) were recorded. Were not. Went to Washoe Co. Bank where found deeds and mortgages on file between H. Curtz and B. Andera and no record that he had deeded any property to M. Andera. M. Andera is () permit to graze sheep on supposed purchase of stock and ranch from H. Curtz. The deed is apparently bogus. Returned to Minden this evening.
- Oct. 31 Went to Bridgeport R. S. where arrived at 4 P.M. Met Ranger Tyler and

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- discussed various matters of his District.
- Nov. 1 Helped Tyler on various jobs around the R. S. Fixed pump and worked on flag pole which he is fixing up. He has recently built a () () and fixed up the old barn to form a () shed.
- Nov. 2 We went up by Green Creek as far as Dundenberg. Were looking over range of Girand which is south of Virginia Creek. Returned to Bridgeport R. S. Work up various things to be done this winter and told Tyler to look over Pickel benches to see if Powell had gone that way with his sheep. Went to Sweetwater in evening and stopped at Yparraguirres. Talked about their winter range. Saw A. Smith at Bridgeport in re his recent H.E. application. Told him he could continue to special use it. This was satisfactory to him. Kirkwood wants a short C & H season on Virginia Creek. Said I would consider it.
- Nov. 3 Went to Sweetwater R. S. where looked over things. H. Atcheson had gone off duty on last of October. Everything was O.K. Will arrange for Tyler to take care of business in this District during winter. 184 M.
- Nov. 12 Went to Reno, Nev. in afternoon.
- Nov. 13 In Reno as witness in case of Alpine L. & Reservoir Co. on side of U. S. Met Mr. Dechant and Mr. Jared(?) of U. S. Attorney's office. Case heard before U. S. Commissioner. In P. M. signed my testimony.
- Nov. 14 Returned from Reno to GV. Arrived at 3:30 P. M. - 98 M. by auto. Mr. Jared told me that deposition by defense would be taken in Reno on Saturday, Nov. 18 at Mr. Platt's office. Said I had better be present. Auto storage \$1.00.
- Nov. 18 Went to Reno on case of Alpine Land & Reservoir Co. Met Mr. Jarret, assistant U. S. Attorney who informed me that the Co. had not been able to have witnesses there so no case heard. (writer now spells it as Jarret vs previous spelling of Jared)*. Returned to GV in P. M.

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- Jan. 2 to 19 At San Francisco attending Ranger meeting and the estimate conference.
- March 12 Ranger Jones and I went to Wichman's below Yerington where spent night.

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- Talked over range matters with Mrs. W.
- March 13 We went over the lower end of W. cattle range and over part of Fallon's range adjacent to Wichman's. Decide a division between W. and Fallon which is to give Wichman better C & H feed in summer. Found several lambing corrals which Fallon has been using just inside Forest Boundary. Will require him to take out lambing permit. Will send Wichman a number of posters to post on line we decided upon between Fallon & Wichman. Explained method of posting them. We returned and went to Wellington. Interviewed several new applicants for permits. Blackwell and Yeager. See their application. I figured on seeing personally each new applicant in order to see just how he is situated and his dependence on range. Can get better information this way than by correspondence. Went to Wellington where spent night.
- March 14 We called on J. M. Fulstone in re spring plans. He said if he couldn't get spring permit on range applied for he would not want any. Saw () Nesmith in re his C & H application. Looked over his ranch. He seems to be a class A, OK. We came home via Dayton. 3/12 - Left GV. 9 A.M.; 3/14 arrived GV. 5 P.M.
- April 11 Went to Coleville, Cal., where attended meeting of Little Walker C & H permittees. Nearly everybody was present who had interest in the range. This is more fully discussed in files where minutes are placed. Returned to GV at 7:45 P.M.
- April 21 Went to Topaz, Cal. where met following(?) committees and we consulted regarding resources of Mono County in cooperation with Cal. This is for national defense and is in compliance with instruction (). Returned same day at 7 P.M. Pitts, Cunningham, Terry, and Chichester.
- April 30 In afternoon I made trip into NE part of Carson Valley looking over country with view of finding wireless station. Are a number of German settlers there and is somewhat isolated tract. Are some hay derricks which might be used in this connection but did not see any evidence of stations. Returned 6 PM. 41 M.
- May 13 Went to Walley Springs where met Mr. (G?) of G & S, and took up with him matter of extra 25 cattle on permit this year. He is desirous(?) of taking it. Explained that extra care will be required in herding and in

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salting. He is very willing to give stock all required attention. Left Minden 1 P.M., returned 3 P.M. 20 M.

- May 14 Enroute to Sweetwater and Bridgeport country. Called at Wedertz ranch near Wellington in re his C & H application; he was not at home. Saw stack of wood cut at Wiley's. He had no permit. Atcheson said he cut it last winter for Plymouth Co. and tried to sell to other parties. Will make regular sale for it. Arrived at Sweetwater R. S. in evening and took up various matters with Atcheson. Especially emergency grazing.
- May 15 Atcheson and I called on W. (?) Rouch. Allowed him 25 C & H increase. Went to Philantro ranch and will allow increase to them. They brush(?) feed them and in general is above normal even though season is cool. Recent rain and little wind are favorable to growth. Called on Fulstone at () and he wants 20 C & H added. Will allow. Took up with Roach - Jones' () and Fredericks the proposition of exchange of their range for sheep in which they would be allowed Huntoon pasture. They seemed to prefer not to make change as said their cattle are doing nicely on present range. This proposition was mentioned by (D?) as suggested by R. Jensen. No () was advanced to make the change. Went to Bridgeport R. S. where called on Tyler. I talked over general matters and on emergency grazing. (it appears that and increase in animals permitted was an emergency measure in response to World War I.)*
- May 16 Tyler and I fixed a dam on Swauger for irrigating his pasture. Had planned to spend several days there but at noon got wire to report to Sacramento tomorrow morning. Returned to Gardnerville and went to Sacramento. Left GV 11:40 A.M. Returned GV 3:45 P.M. 158 M.
- May 17-18 At Sacramento, Cal. attending a conference of F. S. with Registration officers of Calif. Also discussion of emergency grazing.
- May 19 Returned to Gardnerville 10:50 A.M.
- May 23 Went to Markleeville where conferred with Judge Price in re county Registration work. We discussed the matter fully and he will use W. J. Clark as one of his deputies in the county registration on June 5. Clark and Wyatt will both be used in meantime to notify persons to register. I spoke to several persons and explained the details to them. Judge Price had not been informed of President's proclamation from any official source. Discussed road work with G. Merrill and he is anxious to get appropriation

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- for double S grade above Silver Mtn.
- May 24 Returned to Gardnerville. Left GV 5/23 at 1:00 P.M., arrived Mkvllle 4 P.M. Left Mkvllle 8 A.M., arrived GV 10 A.M. 46 M.
- May 31 Went to Bridgeport R. S. where conferred with Ranger Tyler on general matters and expecially registration and grazing.
- June 1 Tyler and I went with Mono County Registration Record(ers?). I outlined to them what we would do and had () them of it previously. It seems that Mr. H(?) is not very patriotic and the Sheriff suggested that he was not a good man to sit on the board. Told him to report fact to State Board. Tyler and I called on Mrs. G. Boone and told her that she would be allowed two months to remove fence north of Bridgeport R.S. She said was glad to have chance and would take fence down soon.
- June 2 Went to Wheeler R. S. Allerman said he had counted in a number of "dairy calves." Told him to send me full list of the persons who had run those in. Told Tyler to look up condition of range on Silver Creek as soon as possible () () and will report it. Tacked up a number of Forest signs on camps as came down W. Walker. Returned to GV at 4:30 P.M. 140 M
- June 5 Sworn in as Registration official for Douglas Co. In evening went to Sheridan, Nev. and received cards for that precinct and brought them to Gardnerville and delivered to Board here. 16 M.
- June 19 Went to Mono Lake and to LeeVining R. S.
- June 20 Ranger Green and I went to Summit Lake where trespass was reported on range of Shipley and Evans. We saw their camp tenders at Reverse creek camp and talked over the matter with them. A band of sheep which had permit on Sierra near Thousand Island Lake had tried to get over the summit and turned back. They fed several days around Summit Lake and to the east. Had gone few days ago and will try to get on their range. Ranger () of Inyo came up to show them across - but little damage resulted to range as feed was naturally poor in this place. Green and I looked over Silver Lake camp site and figured out just what was to be done, also as to location of latrines and garbage pits. Can get lumber at () plant when need it.

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- June 21 Green and I surveyed out line of private land west of Grant Lake which Olcese wants to feed and figured on line between him and Ellisonsdoherry. Green will get the men together and fix the line to satisfaction of both men.
- June 22 We surveyed and posted boundary west of Farrington and Cain ranch . Came back to LeeVining R. S. and went up canyon to site of power plant. Looked over right of way for pole line. Are cutting stumps high. Called attention to this and will cut lower. Told him to pile brush on the line. Saw Chatfield of Pac. P. Co. and arranged sale of 1,000 M feet of timber. Will () it soon.
- June 23 Green and I placed a pole for phone at his house. Discussed various matters with him. Came to Bridgeport R. S. where saw Jones and Tyler. Discussed grazing with them and general matters.
- June 24 Returned to GV 276 M.
- July 5 Went to Markleeville where met Ranger W. J. C. and we went to quartz mill to see Capt. Curtz in re sheep grazing near his claims. Chichester has S & G permit here and claims to have had trouble in grazing. Curtz told me that he only wanted to have his improvements protected and that he had no objection to sheep feeding where no damage will be done. This is reasonable and I believe Chichester is not using good reason in his request. Came back to Markleeville and went to Hot Springs R. S. Wyatt is keeping a dirty house there and the appearance is not good. Talked with W. J. C. on general matters and in re trail construction. Returned to GV at 5 P.M. Left GV 7 A.M. 68 M.
- July 11 Went to Sweetwater where met Ranger Atcheson. Figured on making field trip from his place but his wife is very sick. Talked over various matters with him. He said that he had personally seen sheepmen who graze adjacent to boundary and had told them where the line is. Said that has not had much trouble of trespass. Discussed various district matters with him. Told him to take up fence at Wild Horse R. S. and take to Sweetwater R. S. Several cattle have died on SW range this spring; probably larkspur.
- July 12 Went to Bridgeport where staid all night. Conferred with various sheepmen in re 10-day(?) schedule on crossing to Sonora. Posted crossing schedule in P.O.
- July 13 Called on County Supt. of Instruction and we discussed proposition of

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- having a county library in Mono County. Arranged to draw up petition by various districts and will get it under way. Went to Bridgeport R. S. Tyler not at home. Issued crossing permit to sheepmen () and cut willows and weeds on the station.
- July 14 Returned to GV. Stopped at Topaz on way and saw Mr. Cunningham of A. V. L & L Co. He said the range allotted them at Virginia Creek is not good as they expected. Will have Jones go out to it next week. Arrived GV 4 P.M. 170 M.
- July 16 Went to Simpsen, Nevada to see C. E. Day in re range for () Chichester. Day said that he could spare some on E. of Mt. Jackson under the circumstances. Tried to phone Chichester from Hot Springs but lines had burned out. Returned to GV via Carson. 8:30 A.M. - 8 P.M. 110 M.
- July 23 Went to Bridgeport R. S. where had arranged to meet Rangers Jones and Tyler. Arrived at 11:30 A.M. and rangers had to shoe horses so remained at camp in P.M. Talked over work in general.
- July 24 We went up Birdseye Canyon over Hunewill range C & H. The feed here is excellent even though is carrying an extra 25 head over last season. At head of canyon found trail in need of () out. Made camp at junction and rode up west fork to () into Piute. Found a long stringer meadow as far as summit with good feed. We should build a short trail which will allow horse travel here and open up large territory to travel.
- July 25 Went up S. Fork of canyon to summit. Is a long meadow with many rocks in places. Good late feed and side-hill brush. The stream is barren () rangers and Tyler will stock () year with E. Brook trout. Went to Peeler Lake where made camp for noon. Went into Park in P.M. and rode as far as upper Slide Canyon. Passed over their trail which enters Mono at head of branch of Robinson Creek via Snow Lake. Is very rough and not shown on U.S.G.S. maps. Camped for night in upper Slide Canyon.
- July 26 We wanted to get to upper Green Creek and most practicable way was via Park. Left Slide Canyon and passed over Mt. Matterhorn and Virginia Canyons, going as far as upper Virginia Canyon where camped. There is much feed going to waste in Park and most of meadows did not show any travel as yet. They are not readily accessible to travel. () passed to east side via Summit Lake and down to Green Creek. Meadows in upper Green Creek are not fed yet. We found where Wedertz had fed sheep in upper

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Green Creek C & H range about 2 miles above the camp. Arrived at Green Creek R. S. in evening and made camp. Banked dirt around cabin and fixed up grounds around house. Called on some prospectors who were camping close. Asked them about sheep on cattle range. Did not know much.

- July 28 Went to Bridgeport R. S. via Summers Creek. () on N. of Green Creek is in good shape and herder has (cleared?) it. We got statement from herder in re trespass. It seems that sheep got away from him while he was herding burro early in morning. He told a straight story and the case is probably innocent. Tyler will look further into it. Came over part of Wedertz range and feed is excellent. Came to camp via Hunewills. In P.M. talked over various matters with Tyler in re his district.
- July 29 Returned to GV. Stopped at junction and told Settlemeyer () that is reported there. 3 men are out "rustling" cattle. Cunningham of Topaz reported that () men had left his ranch and he is suspicious of them. Will advise stockmen and Rangers in re it. Arrived GV 12 M., 139 M.
- Aug. 7 Went to Reno where I conferred with J. Clemmons in re 640 A. homestead law as affecting grazing in Nevada. Had a long and valuable talk with Clemmons in re this subject.
- Aug. 8 Returned to GV. at 12:30 P.M. 98 M. Left GV 8/7 5:30 A.M.
- Aug. 14 Mr. Headley came and in P.M. we went to Markleeville. Went to R.S. at Hot Springs and cleaned up house some. Clark came to Markleeville in afternoon and we discussed matters with him. Had supper at Woodfords. Left GV. 2 P.M. Returned 7 P.M. 54 M.
- Aug. 16 In company with Mr. Headley went to Bridgeport. Stopped at Bridgeport R. S. en route and discussed matters with Ranger Tyler. Told him that W. Rickey was cutting grass in R. S. at junction and told him to have him stop it. Staid in Bridgeport during night.
- Aug. 17 We went to Mono Lake and to LeeVining R. S. where met Rangers Jones and Green. In afternoon I took Mr. H. to Mammoth and returned later to Farrington ranch.
- Aug. 18 Went early to Silver Lake and arranged with 2 men to build trail. Jones and I then went to Gem Lake and looked over new trail work to west.

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- Made camp on W. end of lake.
- Aug. 19 (Sunday) Jones and I ran out trail route as far as Agnew pass and to point where it joins Gem Lake trail. We staked out 200 yds of trail which power company will build as connection to our trail.
- Aug. 20 Green brought pack horses to Gem Lake and also tools for workers on trail. They came up and were started on work after going over the route with them and telling them how work is to be done. We moved camp to upper meadow above Gem Lake and looked out trail route on way.
- Aug. 21 Green, Jones, and I went on foot over range of Evans in upper Rush Creek. Travel was better than by horse and also scouted out way for trail to Donahue Pass. The forage in upper Rush Cr. is exceptionally good and of vast area. They will not get it all by time snow comes. Came back by () () and during day gave the range thorough inspection. Looked out good planting places for fish in Rush Creek and will send some there this fall (E. Brook). Returned to camp in meadow
- Aug. 22 On way to Silver Lake we inspected trail work. The men are getting along in good shape. Told them to keep up river when done () are now on. Conversed with Mr. Chattwill(?) of Power Co. in re timber sale to them. Camped at Silver Lake and went over improvement work with Green to be done there.
- Aug. 23 Returned to LeeVining R. S. and talked over various matters with Green. Spent night there.
- Aug. 24 Went to Saddlebag Lake where looked over various improvements being made by Power Co. for dam and sale. Marked enough timber on sale to hold them this summer. They are cutting Lodgepole pine and there is now good reproduction on site. Marked nearly "clear." Explained various phases of sale to Mr. Sexton. Are getting stumps low. Have put a good road to Saddlebag from bridge on LeeVining and will open country up to tourists well.
- Aug. 25 Looked over work further and went to Yosemite to confer with Park Supt. Asked him about number of tourists using Lyell trail on his side. He thought it would be good idea to extend our trail from Donahue pass to 1,000 Island pass and would increase travel that way as many people now stop at Summit. Asked him is could allow sheep to cross from Tioga

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summit to Bloody Canyon and thus allow short way to high country on Mono. Will consider this later and possibly allow it.

Aug. 26

En route to GV.

Sept. 5

Went to Sweetwater District and met Ranger Atcheson at R. S. We discussed general matters during evening.

Sept. 6

Atcheson and I rode to Lobdell Lake camp over cattle range via Rickey mine and L. Smith Valley. Found range in very good condition. On way up we noted a piece of steep slope south of Rickey mine which cattle are not using and which is suitable for sheep. We propose to offer it to Fulstone Bros. for sheep. A number of good salt boxes have been made and placed on the range. They are usually on top of ridges and lead cattle over range in proper manner.

Sept. 7

We rode over Schul S & G range going down Desert Creek to Jackass and up over Jackass Flat to Uhalde(?) corrals. This range will stand more stock than is now grazing and especially are they long on early feed. The stock is in fine shape and feed will be left at end of season. Will make adjustment of range next year.

Sept. 8

We rode down south side of Deep Creek as far as junction of Cottonwood. This is A. V. L & L C. Co. part and has not been fed this year. Along Cottonwood Creek the grass is very fine and would be suitable for cattle and easy to handle them with short drift fence. Dense brush feed is fine but is getting dry on S. slopes. Came up over Fulstone Bros. range and noted a great difference. They have too much stock for range allotted them. Should be a range adjustment between them and Sario next year. They are losing some sheep by poison and usually do each season. They are covering part of range for 3rd time and range is very dry. Will have to do something with them. Should have more feed of meadow character. Returned to camp at Lobdell Lake.

Sept. 9

We rode up Deep Creek and over into Frying Pan Creek on end of C. range of (). Is getting dry but cattle are looking O.K. They will drive out soon and Atcheson will try and arrange to have them () fed by Fulstone sheep. If he can do so will be in line with range herding(?) of both classes which we are trying to do. Returned to R. S. in P.M. and went up Risue with Fredericks to look over drift fence on S. end of C. range. Decided on place to build it. It appears that Fredericks stock are chased

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off river range during summer by Jones(?) Bros. who have C & H permit. Bad idea and will see them about it.

Sept. 10 Saw Yparraguirre in re free use for dipping vat for sheep. Told them to see H.W.A. and he would give permit. Went to Yerington and called at court house to see about Wedertz - Simpson taxes on sheep. Found S. taxed for 3,000 and W. 2,500. Returned to Gardnerville at 6:30 P.M. 5th - GV to SW R.S. - 53 M; 9th - SWRS to Wilson place and return to SWRS, 37 M.; 10th - SWRS to GV via Yerington 124 M.

Sept. 16 Went to Reno where met Mr. Douthbilt(?) in re G trespass of F. Symons. Talked over it with him in evening.

Sept. 17 Returned to GV and in afternoon went to Leavitt R. S. where met Allerman. Tyler will have horse here tomorrow for me.

Sept. 18 Jones and Tyler went with me on range inspection on McKay and Rushing ranges at head of Leavitt Creek and on Wolf Creek. We found tht McKay had not herded his stock well during season and had camped too much in one place. Had his 14 yr. boy herding for him most of summer and sheep did not move far from camp. Has a Basque herder now. The McKays had allowed sheep to feed on meadow allowed to Rushing for horses. The horses were not looked after however and naturally use () range in that region. The range shows close feeding and will hardly stand more than is now on it. Came to Leavitt Meadows in evening.

Sept. 19 We went over part of Jensen range today up W. Walker to Grizzly Peak. The range is in very good shape and sheep well cared for and properly handled.

Sept. 20 Rode over extreme upper end of Jensen range. Is very rocky with many meadows among rocks. Feed is holding out () and will stand a 200 head increase. () () () idea () camp tender. Came down to Piute(?) meadows where feed is fine and went down canyon to Leavitt over Yparraguirre's range. They had apparently moved out and left good feed.

Sept. 21 Rode over E. end of Sario range on Wolf Creek. He has taken his sheep to lower range in Swauger and left good feed in places on his range. He complained however that he was "short" of feed but was not. Rode over Pickle bench of Yparraguirre's range where C & H permit was allowed this year. The meadows are still in good shape and brush feed is plenty. The

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extra permit did not appear to have reduced feed any amount. Passed over part of range in Pickle meadow and Kirman Lake range () by Schacht and Settlemeyer. This range is in best shape had ever seen it and should be grazed some by sheep. They cannot use it all. Located corral of () Powell near Kirman Lake and measured poles in it for special use. Went to Wheeler R. S.

Sept. 22 Rode over W. end of Little Walker C & H range. Went up Willow Flat Creek and over into Molybdenite Creek and down that creek; also over part of brush hill sides. Found some cattle bones near summit which were probably part of those lost in snow last fall. Cattle are doing very well and look fat. Salting well done and stock well scattered out. Will be feed left after stock are gathered. Came to Wheeler R. S. in snow storm.

Sept. 23 Talked over general business with Tyler and to Terry Ranch for dinner(?). Returned to GV at 5:30 P.M. - In observing Allerman and his work of the season I find he is not much force. Does not have much grit or head "get-up." He has not had () full direction by Tyler as he should have had. Tyler and I drew up enough work for him to end of season as will keep him busy and explained fully what is required. Mileage to Leavitt R. S. 60 M. Leavitt to Wheeler 10 - Wheeler to GV 51 M.

Oct. 4 Ranger Jones and I went to canyon W. of Sheridan where a snow slide had brought a bunch of about 100 cords of wood down last winter. Some of wood was claimed by (G?) as his although it was all deposited on government land. G. has land up canyon and slide passed over it. It appears that nearly all wood came from high up and all (). Very small amount is U. S. Returned at 12:30 M - 19 M.

(Diary from Oct. 4, 1917 to Aug. 1, 1918 missing. Diary entry for Aug. 1, 1918 begins as a continuation from the last diary entry)

1918

Aug. 1 timber for cabins. Green said came from their claim. Will see later about them. Passed over Jim's(?) range to Lundy and camped. Range here has been () once by sheep but will stand more feeding later. Some very good meadows near Lundy.

Aug. 2 Rode up Lundy canyon as far as could go. Is very rocky in bottoms and suitable for goats or dry sheep. Not good for ewes and lambs. Quite a lot

1918

- of larkspur which renders it dangerous for cattle. We came back to camp and went up Lake Canyon over Dore Pass. On this canyon are good meadows which sheep have fed. Pass is in fair shape. Went down via Saddlebag ridge to saw mill. An attempt to burn brush on cutting area was made but fire got away and made a mess of it. This was done some time ago and looks bad. Came down to Ellery Lake where camped for night. Gander's(?) sheep are feeding rim of cow range on Tioga country and feed is very good.
- Aug. 3 We rode down to Warren Fork and went up over that range. This has been allotted cattle but found sheep of Fallon's half way up it on a good meadow. I asked the herder where the line is. He said he had been told by Grashan(?) the camptender to feed same as last year. Green said he had been there recently with Grashan and told him to keep off the meadow as that is cattle feed. This cattle range is getting short here and will have to move out soon. Went to LeeVining R. S.
- Aug. 4 Sunday. Worked around the R. S. at odd jobs and discussed business with Green.
- Aug. 5 Green and I rode to Summit Lake over Shipley-Evan's range. Is dry and dusty. In P.M. rode over P. P. Co. pole line where have cleared right-of-way. Brush is piled well except in some places is too close to standing trees. Will have it moved. Camped at Gull Lake.
- Aug. 6 We rode Symmons range on south end in high country. Feed good in meadows but not yet fed. Green will make later inspection of this. Came to Shipley camp where () said that McKinney cattle had fed over them. Went to Silver Lake and spoke to Mr. Pool in re brush piles and in re burning brush.
- Aug. 7 Green and I rode up over Shipley range toward Parker Lake. Found 40 cattle of McKinney in trespass on meadow west of Silver Lake. Are dying of poison and found 4 head dead. Went over Elisonderberry range to Parker Lake where feed is fine. Went over land of W. J. Farrington which they lease to Olcese. Found where sheep of Olcese had trespassed on range of Fallon and Blackwell. Green will make trespass case of this. Went to LeeVining R. S.
- Aug. 8 Green received word that his mother is ill so I went to Bridgeport R.S. where met Tyler. He will make fire trespass case against A. V. Co.

1918

- shepherd and will arrest him. Talked over general business with Tyler and returned to G.V. 235 M.
- Aug. 14 Went to Reno to serve notice on Herculese Con. Mining Co. to place fish ladder in river near Markleeville. This in cooperation with fish commission. Also to H. Springmeyer of Carson to () ditch. Discussed price and weight of wool with A. V. L & C. Co. and will get good data for study of wool production from Cunningham. Left GV 4 P.M. 8/14; returned GV 5:30 P.M. 8/15.
- Aug. 21 Went to Sweetwater where met Estabrook and we discussed various District matters. Especially in re water development which we have in hand near the R. S. He has man who will bid on it and will see others.
- Aug. 22 Went to Hawthorne where met county council of defense and fuel commissioner. Made sale of 50 cords wood and discussed with Mr. White county allowance of wood for fuel which they will get near Whiskey Flat. Staid all night.
- Aug. 23 Went to Aurora and to Sweetwater. Went to R. S. and received load of () and () for water project on Ryegrass spring. Another party had submitted bids which accepted at \$175.00. Explained our requirements and talked over the details with Estabrook.
- Aug. 24 Talked over grazing with Atcheson and Yparraguirre. Spoke of (tent. date?) for a stock meeting of Sweetwater cattlemen. We considered next spring early would be best for it. Returned to GV. Sept. 8/21 - 9 A. M.; 8/24 - 12:40 M. 223 M.
- Aug. 28 Zollens and I went to Bridgeport in order to get fiscal data on the () fire on Robinson Creek. Got trail of men who were employed on it and data on supplies; also secured vouchers. I conferred with a bunch of sheep men which Tyler had called and explained that the quarantine was still in effect. That I would hear from District Forester about Sept. 1 in re this matter and would let them know more about it. Instructed a Basque to remove sheep of his which had died back of Hammonds as some complaint has come in about it. Talked over general matters with Tyler and returned to GV. Left 7:30 A.M.; returned 10:35 P M. 141 M.
- Sept. 10 Went to Markleeville where met Ranger Clark. After lunch we rode to Wolf Creek over new phone line which he built this summer. Is well put up

1918

- except in several cases the poles are rather light but were best available. Camped at Wolf Creek for night.
- Sept. 11 Rode up Wolf Creek over Fay's range. Cattle look good and well placed. Feed will hold out O.K. Rode up over Springmeyer's range into Murray Canyon in rain and to Dumont where camped. Could not do much field work or observe due to rain.
- Sept. 12 Clark and I rode up over Poison Flat and down Silver Creek canyon. Found where a Basque had marked up new fire sign. Was one of Connell's herders and brought it home for action. Began to rain again so rode to Bagley camp where staid over night. Looked up drift fence location in Silver King canyon which D. (Dangberg)* L. & S. Co. had built. Is well placed and built.
- Sept. 13 Rode to Heenan Lake and up to Big Spring and Leviathan country. Began to rain at 9 A.M. and we returned to Markleeville. Got lost in fog and rain for 2 hours but came out O.K. and arrived at Markleeville 6 P.M. soaked by all day rain. Discussed matter with Clark and told to get estimate of timber at Tamarack Lake which A. L. & Reservoir Co has dammed up for reservoir. Told him to look over timber cutting on west side of Carson Valley in Forest and see if is O.K. Staid at Markleeville for night as was too muddy for Mrs. Maule to come and get me and too late.
- Sept. 14 Mrs. M. came this A. M. and returned to GV 11 A.M. Had her take me up and bring back in order to have car fixed as battery is running down. Left Sept. 10, 9 A.M.; returned Sept. 14, 11 A.M.
- Sept. 19 In Carson in conference with member of State Land Office. Left G. 1:00 A.M.; returned 6 P.M. 36 M.
- Sept. 23 Started for Bridgeport District and got as far as near Carters Station where had a series of tire troubles which made necessary to return to GV.
- Sept. 24 En route to Bridgeport District where arrived at 5:30 P.M. at B.P.R.S. and talked over business with Ranger Tyler.
- Sept. 25 Tyler and I rode to Leavitt Meadows and en route met F. McKay, who had trouble with sheep herders who had threatened to shoot him. Told him that this was a matter for the civil court if he desired. Camped at Leavitt

1918

- Meadows.
- Sept. 26 We rode up over Jensen range and part of McKay range and camped at Walker Meadows. In many places feed is still good and especially on meadows. F. McKay is not handling his range in good shape and camps too long in one place. Staid at Jensen camp tonight.
- Sept. 27 Placed several sign boards on trails and noted that several of new ones are weathering badly. Paint is not good and varnish was not () well. Found where the Jensen sheep had passed to Stanislaus but since cattle of Stanislaus had fed on Mono side no harm resulted, but told Jensen that he was over too far. Placed sign at summit as an inter- Forest sign. Came back to Piute Meadows to camp and rained all night.
- Sept. 28 Rained so hard that had to return to Leavitt Meadows and camp. Feed up river is in very good shape and should hold out till end of season. Helped tear down cabin at Leavitt which will have to be moved back from river or will lose it.
- Sept. 29 Still raining hard and we rode to junction where had dinner. Saw B. Rickey who was in charge of cattle on Little Walker Range. He said that (J) (E) Powell had too many cattle on round up. Said R. Terry and R. Chichester had made a count on them and thought had excess of 24 head. Will get data more full. Went to B.P.R.S. in rain.
- Sept. 30 Went to Sweetwater R. S. where looked over new water project. It is about completed except will have to enlarge the pipe connecting (). Had good flow of water. Took up general work with Estabrook and told him to report to Ranger Green to help out on boundary survey for rest of month. Raining hard all time. Returnd to GV, 8:30 P.M. 192 M. Had figured on 2 week trip but rain cut it short.
- Oct. 5 In Reno where conferred with W. Rickey and J. E. Powell in re trespass of latter. Rickey will give written statement in re this and will get more detailed statement from Powell when have more data regarding it. Rickey told me that he had made a count of 1524 head of cattle on range. This includes both young and old. Left GV 8 A.M.; returned 5:30 P.M.

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- Jan. 31 Went to Carson to take up matter of bill in legislature allowing free auto

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licenses to Govt. and to Govt. used cars. Wanted to see W. L. Bell in re G-trespass but had gone from town so did not see him. Left Minden 11:30 A.M.; Ret. 4:30 P.M.

(In January of 1919 the headquarters of the Mono National Forest moved from Gardnerville to the new Farmer's Bank Building in Minden.)

- Feb. 9 Went to Davis, Cal. to attend Supervisor's meeting.
- Feb. 23 Returned to Minden.
- Mar. 19 Ranger Tyler and I went to Yerington to investigate new grazing applicants of Mason and Smith Valleys. Applicants are: J. Shebady(?), F. J. Mathews, N. Hurd, C. Hinds, and D. E. Reading. Secured data at Lyon Co. Court House in re ownership and went to Shebady ranch. Was not at home. Went to Mathews ranch and had look over land and stock. Is class B., see notes.
- Mar. 20 Went to Smith Valley and inquired of residence of (J) R. Chichester. He has not resided on his ranch for 2 years and is therefore class B. Had dinner at (P) ranch. Called at McKay ranch but was not at home. Went to Wellington and started to Sweetwater to see Compstons, Conways, and Yparraguirres in re grazing. Snow too deep at Sulphur and had to come back. Stopped at Hunewill ranch all night.
- Mar. 21 Went to C. Hinds ranch and had interview. He is class A. Told him would probably allot him the LeeVining range. He said O.K. Storming hard and snow from north. Called on N. Hurd and looked over his property, etc. Is poor man and trying to make a go. Is class C. man. Returned to Yerington where spet night.
- Mar. 22 Returned to Minden where arrived at 4 P.M. Detailed memos are in cases of each applicant.
- Mar. 31 Went to Reno to consult records in re (F) Elges sheep. He claims to own 800 on G. application but was rumored he owns more. At county court house find mortgage recorded for 4,000 S. 4,000 ewes branded E & C and ear marked (two drawings of ear marks)*, recorded on Oct. 20, 1917. Went to Washoe Co. Bank and consulted with the manager. He did not want to give any information but said mortgage is recorded at court house. He said tht he had checked up the sheep personally about Jan 1, 1919 near

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- Mina and had found them there as per agreement. It seems that Elges owns 4,000 instead of 800. Was going to see Chango at Hayborn tract but not at home. Left 7:15 A.M.; returned 7:45 P.M. 105 M.
- April 9 Went to Sweetwater in order to attend meeting of Sweetwater Cattle men on 10th. Arrived at 5:30 P.M. and in general discussion with various grazers.
- April 10 Meeting set for 9 A.M. but all did not come until 11 A.M. See Memo, G. Coop - SW.C.H. After a good meeting went to Wiley place at 5 P.M. and looked over S. U. area wanted by Williams Bros(?) and suggested kind of seed to plant. They will use spring water to irrigate with and improve forage from present poor condition. Discussed various range matters with Jas. Atcheson and with Yparraguirre until 10 P.M.
- April 11 Examined spring and water tank near Sweetwater. Needs a furrow to eject winter drainage. Took up S.U. and sale with () Rickey at Sulphur. Went to see J. McKay in re special use of old enclosure on Schul range. He and Yeager will want it. Returned to Minden via Dayton as better road. Left - M 12:30 on Apr. 9; Ret. 6:20 P.M. April 11 167 M.
- April 28 Went to Smith, Nev. to see a Mr. Carter who wanted to employ as Guard on Bridgeport District. He had not yet returned from the () and could not tell when would come back. Went to Yerington where saw Mr. Wilson in re his horse range at Lundy and in re a man for Guard. He thought could locate one for me soon and will wire me. Spent night at Yerington.
- April 29 Returned to Carson where planned to take up consult with State Road Engineer. Had date but he was not at home. Returned to Minden.
- May 12 Went to Bridgeport R. S. where met Ranger Tyler and Guard Summers. Talked over general business with Tyler. In evening messrs. Rachford and () arrived and spent night at R. S. (C. E. Rachford was assistant district forester for grazing)*
- May 13 Mr. Rachford and I went to Mono Lake and to LeeVining R. S. where met Ranger Green and had a general talk over business. In P.M. rode to Silver Lake and saw () in re burning brush. He will get crew in early June. Men hard to get.
- May 14 Rachford and I went to Bishop where met Jordan of Inyo (C. E. Jordan, Forest Supervisor)* Had talk on inter forest matters in general and saw

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several Mono permittees. Got good line up on country and conditions of the locality.

- May 15 In A.M. had general talk with Jordan and his (). Returned to LeeVining R. S. where Green had made ready for trip.
- May 16 Green and I rode to Adobe Meadows on trip to Excelsior Mtns. Country getting dry. Saw 9 bands of sheep in Adobe coming to Mono Lake basin and to Bodie (). Camped at road camp in Adobe.
- May 17 Rode north in Excelsior Mtns. and to Huntoon Spring where we found grass had been consumed by horses so had to go to Jack's Springs, a long trip. Saw few wild horses there - no signs of sheep grazing. The feed in general is fair but not very well adapted to grazing on north end at this time of year. At Jack's spring found fine meadow(?) and good forage for horses and lots of water. Spent night here. The general locality is good now and should be grazed. Will be soon by () of Inyo.
- May 18 Rode north to Willow Spring in north end of S.E. corner of Excelsior. This spring is good flow and will water sheep without any development as flows through 1/2 mile country. Feed is fair and getting dry. Passed over Huntoon Valley to west and up into Little Whiskey Flat and to S.W. to two small brackish lakes. Good indicator of water here as is lots of rye grass in various places. Few snow drifts to date that could be used by sheep. It is probable that water can be developed at the lakes where it now stands. Not good for stock however but ours drank it. We used snow. The feed in this valley is excellent. Big sage brush with large quantity of blue grass and bitter brush, but no good water places. Will make a map and plan to show it.
- May 19 Rode down canyon of fine feed to Mono Lake Valley and along south edge of lake to LeeVining R. S. Good springs of water on S. edge of lake used by Olcese sheep. Arrived at L.V.R.S. after long day trip
- May 20 General work at R. S. and plans. Went to Mono Lake where examined place where 600 lambs died on driveway last summer. No trace of poisonous plants and they must have gotten it out side. May be due to hot drive and cold water of the stream or to lupine which they ate north of lake. Looked over land Mrs. Wilson wants near lake. Green will make survey later to locate corners. Land of small area too small to patent. Can let her have under S.U.

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- May 21 Rode up to Walker Lake where examined land applied for by Indian under I. A. See report - Frank (). Looked out trail up Bloody Canyon and discussed various parts to be improved. Looked over the divisions of range of Olcese and Blackwell and decided on lines to give equitable results. Back to R. S. Heavy rain.
- May 22 We rode over range on Mt. Warren as far as Clark mine. Snow going off fast and feed fair. Helped Green move coal and () from his shop and general plan of improving camp ground at LeeVining R. S.
- May 23 In P.M. went to Bridgeport R. S. in heavy rain which will be fine for feed as was getting dry. Had difficulty in adobe road.
- May 24 Went to Wheeler R. S. where met Tyler and had general talk with him. Returned to Minden in P.M.
- June 4 Went to Sweetwater where met Ranger H. W. A. and conferred on placing him in charge of Bridgeport District since Ranger Tyler is going to resign. Will also leave A. in charge of SW District at present and will handle both. We discussed various range and other matters in detail.
- June 5 A. and I went to Aurora to purchase bath tubs for ranger station as got at bargain. Saw Ranger Green at Fletchers where he was on a trespass case and to show Mr. Bell his range lines. We arranged to purchase 3 sets of bath apparatus for R. S. Saw Mr. Jackson who said that Girand and another Basque had fed on his range. H. W. A. will look this up in few days and make the report. Saw J. Compston in re driveway at his ranch. () will cooperate to do the work on this. Inquired about a new Guard for Sweetwater District. Saw two fellows but cannot get them. Conferred with F. & F. L. Yparraguirre in re range on Bald Mtn. They said are too many sheep there. H. A. has just examined the range and says feed O.K. but water getting low. Sheep will soon go to summer range and return here in fall. Conferred with Mr. (), the Nevada State Fish & Game Warden on general matters.
- June 6 Got early start for Bridgeport but heavy rain of last evening had washed out the road so came back and went to Gardnerville. Arrived 2 P.M. 120 M.
- June 18 Went to Markleeville where met Ranger Clark. Outfit ready for field and we went as far as Wolf Creek and camped for night. Wolf Creek phone

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- line in bad shape in places and Clark will fix it. Fay is irrigating meadows on Wolf Creek and will greatly improve that range both private and Govt. Forage is excellent on hills and stock in fine shape.
- June 19 Clark and I rode over new route for phone line to Bagley Valley and we selected the route to be taken. Will be mostly tree line. Stopped at Bagley Camp to confer with Neddenriep in re cooperation on this line but he was not at home. Went on to Dumont and repaired the pasture fence. Looked out a proposed phone extension from Bagley to Dumont which will want soon. Feed fine and stock doing well.
- June 20 Rode to Fish & Coyote Valleys over range. Trail above Soda Springs in poor shape and will need repair soon. Sheep must be kept off it. Took up matter of survey for private land with W. J. C. in order to make range readjustment in next season. Repaired fence at Coyote Valley. Will want new posts here next year. Camped for night.
- June 21 Rode over Powell range to head of Snod-Grass Canyon where looked over sale area to Golden Gate Mine. No new cutting but are getting out timber cut some years ago. Came down Snod-Grass Canyon through upper Bagley to see Neddenriep. Was not at home. Camped at Wolf Creek. Told Clark to look well over Silver Hill sheep range with () of placing more stock on it next year. Feed there is excellent and may stand an increase.
- June 22 Returned to Markleeville and discussed general matters with Clark. Returned to Minden at 5:30 P.M. Left Hdq. 6/18 - 7 A.M. 92 M.
- June 27 Left 9 A.M. for Alpine District. Went to Hope Valley where looked over the proposed division of range between Dangberg and Barton. The line tentatively agreed on looks O.K. and will see Barton at Meyers in re it. Posted a number of fire signs, etc. Went up to Faith Valley over a rough piece of road. This is good proposition to fix and should be done both for administration and for tourists, etc. Camped at Faith Valley and posted a number of signs. Forage is good here and is above average.
- June 28 Went over range to west and returned and went up to Carson Pass posting signs and examining range. All feed is fine at present and stock looks well. Looked over land of M. Sorensen near Cold(?) Springs which he wants to claim under G.-7. Will place him north of Carson River on range figured on. Went to Grass Lake summit posting signs along highway. Went to

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- Meyers. Interviewed W. D. Barton in re range division and will take up more fully with Dangberg. Went to Tallac fish hatchery and camped.
- June 29 Had conference at hatchery in re supply of fish for Alpine Co. Can make delivery by Sept. and () () (). Returned to Minden at 9:30 P.M. 110 M.
- July 8 Left Minden at 6 A.M. with J. Dangberg for Leviathan range. Went to Mountain House where got saddle horses. Rode up stock trail via Indian Meadows and to State line. Rode over range sloping in Nevada and over to Big Springs. Decided on range line and showed the camp tender where it is. Will have it marked out by posters as is not very definite. Rode up Rodwell Creek to south boundary of Forest and determined the range line between D. L. & S Co. and J. Uhalde. Uhalde has fed too far to east () and told his herder where the line is. Find much feed on this range and is holding up well. Came back down Rodwell Creek and over to Indian Meadows. Came down to Mountain House. Will have Ranger Clark mark out the lines this summer. Returned to Minden 9 P.M.
- July 9 Went to Topaz where conferred with Mr. Cunningham on large post sale at Soda Springs. He may cut the posts and drive them down river at high water. Is long haul for truck but easy to get at. Will want about 10,000. Took up various range matters with him and also cutting of timber in () () (). Left Minden 7 A.M., returned 4:30 P. M. 73 M.
- July 12 Went to Maxwell Camp in Hope Valley to look after a G-Trespass reported by Barton. Found cattle had been driven out day before. Belonged to D. Jones and (?) Gansberg and broke fence in pasture in canyon. No damage done. Returned to Minden. 50 M.

(Diaries missing from here until Jan. 6, 1921)

- Jan. 6 to 9, 1921 Attending a stock meeting at Reno, Nevada of Nevada Stock Association annual meeting. Met advisory board in company with Supervisors Bigelow and Rogers.
- Mar. 10 Ranger Atcheson and I made the annual G. trip to look over new applicants and grazing matters relative to new permits. Went to Smith Valley and Sweetwater. Conferred with G. Rogers, E. Wedertz, F. Yparraguirre, A. G. Jones, A. Jensen, Jr., and hold stock meeting at Sweetwater in re cattle

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- range. Detailed memos in re () is found in folders covering each case. March 12 returned to Minden.
- March 29 Went to Sweetwater and Mono Lake. Discussed range business with Yparraguirre and at Mono Lake discussed power proposition with Mr. Cunningham; also some details in re tourist business.
- March 30 Came to Minden. Took up the proposition of extension of phone at Leavitt Meadows with Mr. Bryant, the owner of Bridgeport Tel. & Tel. Co. He said we can connect up and will give us help on this during April. Agrees to taking wire off Burcham Flat and following the road. Saw bunch of Yparraguirre sheep on edge of C & H range near Sweetwater. Johnston will see Yparraguirre in re this today and have him attend it promptly. Returned to Minden at 8:30 P.M.
- April 19 Ranger Clark and I rode over to Sheridan and took horses at that place in order to scout out best location for road with timber for Carson Valley supply. Rode over the tract very well and ascertained what is Govt. and what is private timber. Finally decided that best chance is the canyon north of Jobs peak canyon near the State line. Good road leads part way up and will be easy to build most of way. No cutting now in progress there as supply is scarce as far as road goes.
- April 28 W. J. C. and I went to Artesia to consult Mr. Yeager in re a grazing trespass when J. () fed him out. Got data from Yeager and we will get statements from him when return to Minden.
- May 12 Left Minden at 6 A.M. for Mono Lake District. C. Day at Wellington said Wedertz had fed too close around his place at Sulphur Springs. Will write him and send () copy. Found herder of Blackwell had left fire not safe. He was near by and I had him cover it. No danger of spreading but for (). Discussed range matters of general interest with F. Yparraguirre at Sweetwater. Ranger Johnson not at home. Arrived Mono Lake in evening and discussed matters with Cunningham and others.
- May 13 Took up in detail range readjustments with Ranger Green. This affects those of Albright, Curry(?), Mattley(?), and Blackwill. See memos. Discussed range appraisal and took maps and description () etc. Took up () permits with Green. Looked over the Silver Lake camp site and arranged to have our latrine moved back in brush as was too conspicuous. Carson will do this for \$15.00 and a small amount of brushing. Green will

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clean up fallen trees and pick up for fuel for campers. Recent storm felled them. Discussed camp ground improvements with R. Carson. Forage is very backward and just begining to grow well. Has been cold spring in that District. Green has not been able to take much hold as has just gotten over "flu" and weak. Took up general matters with him.

May 14 Continue discussion with Green on improvement work and grazing. Failed to see Supt. at Cain ranch in re lease of land to Olcese. Returned to Minden at 10 P.M. as have an appointment at Reno on 16th. Cal.-Nev. Power Co. is taking all men off job for the summer at their const.(?) plants.

May 16 To Reno to attend power hearing at Chamber of Commerce in case of C. E. Loose(?) vs W. R. I. Co. Mr. Fowler there and discussed matters with him as well as gave minor testimony in re gage.

May 17 Returned to Minden.

May 20 Ranger Clark and I went to Topaz Lake to the shearing corrals in order to interview the herders of J.(?) Sario in re his trespass. Sario had promised me when in my office Apr. 26 that he would tell me as soon as sheep came to the lake so I could see the herders. He did not tell me at all. His packer was just leaving the lake and herders had gone. Got statement from the packer and tried to find herders but he did not know where they were so he said.

May 25 In company with Mr. Deering went to Markleeville where met W. J. C. Rode up over range up to Loope and Heenan Lake and over to Gray's Crossing and down Wolf Creek to Markleeville. Forage looks good and is fit for stock in general. Inspected trail and phone line en route. New trail has slid in at some places and will require repair. Brush along phone line will need to be cleaned up. Clark will have this done.

May 26 We rode out to Hot Springs R. S. and looked over station. Pasture looks well and fence is up O.K. Some repairs to gate and toilet at R. S. needed to place in good shape. In P.M. Clark took us to Wheeler R. S. where arrived in evening and met Atcheson and Simmons. They were working on phone line to Pickel Meadow. Talked over general matters with A.

May 27 We rode up to Leavitt Meadows camp. () is not yet fixed as have not had time as yet. Rode over trail to above Leavitt. Was built last year and is in quite good state of repair. New signs are posted and look good.

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- Came by Poor Lakes where men are repairing dam. Came back over one end of cattle range to Wheeler R. S. The forage is not well advanced as yet and much poorer than in Alpine. Stock looks good.
- May 28 We rode to Bridgeport R. S. where Mr. D. looked over place. In P.M we returned to Minden.
- May 31 We went with H. W. A. to Sweetwater District via Mason Valley. Called at (D?) Wilson place and asked about damage of Yeager to range where was reported in trespass. He said damage was not heavy but wants line followed. Stopped at Wichman's and () to get data in re Sario trespass. They could not give any in addition to what we have. Came to Sweetwater to Yparraguirre's.
- June 1 In company with Johnson we rode over Masonic driveway and back over C & H range. Feed only fair and backward due to cold weather.
- June 2 We rode up over Bald Mountain and Nye Canyon ranges. Rain fell during P.M. Bald Mountain feed not well along. Steered(?) Chichester sheep to this range. Nye Canyon looks quite good and cattle in good condition. Returned to R. S. where Mr. Deering inspected place. Stayed at Yparraguirres and discussed range matters. He will need some new signs for Sweetwater on roads, etc.
- June 3 We returned to Minden at 3 P.M.
- June 13 Went to Sweetwater with Messrs. Bonner, Jordan, and Wynne to look out wood(?) road. Made a hasty look and returned to Minden. 7:30 - 6 P.M.
- June 21 Went to Markleeville with load of signs. During 6-21 -22 -23 Clark and I planted signs in his District. Discussed other matter in general and looked out good public camp site which will work on next week. Discussed fish screen and ladders with Mr. Culver at Woodfords.
- June 27 Went to Markleeville where got W. J. C. and S(?) R. and went to Woodfords canyon camp.
- June 27-30 Worked on cleaning up camp site above 2-S. Made 3 tables, garbage pits, and () () and posted signs at the camp ground. Made trail to river for water. Inspected sale J. W. Tholke on Burnside road and found it in general good condition. Very good utilization. Few high stumps.

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Returned to Minden in P.M.

(From July 6, 1921 field trips were written as memos to the files under O-Supervision-Mono, Field Trips, and are reproduced here in a slightly different format from the previous diaries to save space in the reproduction.)

July 6 - To Mono Lake District. Took mattress-linoleum for Bridgeport and Leevining - Terracotta for Lvng. Arrived Tioga Lodge in evening. Discussed matters with Cunningham and looked over condition of road above lake.

July 7 - To Leevining RS - unloaded and inspected pasture. Discussed range matters with various stockmen and looked out site to improve road into station by cutting corner off pasture.

July 8 - Green and I took firetool house and signs to point at junction state road and Gull Lake trail. Assembled box and set up with tools. Greased latter. Placed metal sign at forks of trail and road.

July 9 - We took firebox to Silver Lake with tools and installed it in front Carson's camp. Gave C a key as he will handle some fire work there where a number of men camp. Green has painted the latrines and look in good condition. Has cleaned up dead and down trees in campgrounds. Carson is going ahead with his resort and seems to be progressing well with it. Needs some latrines which will do soon. Green has placed two good bridges over the creek there which are well needed.

July 10 - Sunday. Green and I rode up Parker trail to summit and climbed peak to ascertain if is good place for lookout. Reverse peak cuts out some important territory so will use latter and go up easy grade from near Gull Lake. Went over the matter of lookout and protection with G. in detail.

We inspected sale to Dondero above Silver Lake. Cutting was permitted before deposit made. Pointed out several nearly dead trees to be cut yet and some snags to fall. Instructed D as to required brush disposal and care with near trees.

Told G. not to make any more sales there from Lodgepoles as would reduce them too heavily.

Returned to Silver Lake. Joost has worked about 6 days on Gem Lake trail in repair and will complete in about two days. He will probably undertake Reverse-deadman trail as does a packing business with Carson.

They have some two head of pack horses there. Should arrange grazing fee next year. They should not be allowed to ramble about the campground.

Man named Alexander desired site for summer home on the public campground. Refused. He was shooting on campground and asked me to try it. Told him it would be violating Reg. Had very good effect.

Helped G. to plant sign at Leevining junction. Was good place as several cars were confused

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regarding place.

July 11 - G. and I went to Saddleback lakes were met Mr. Waugh of the CO. Looked over dam work which is progressing nicely. Have 90 men at work and plan to bring to 35' level this year. Noticed that about 5 acres of timber sale area had been burned over. Asked W. regarding this. G. told me W had spoked about it and had called off brushburners as they did poor work.

Mr. Patterson was in charge of this and I asked him to send me a statement in re it. Told them could not pass it up without appropriate action.

It appears a high wind overtook them with too few men. The burning looks rough in contrast to last years work adjacent. Will require dead trees to be felled and area cleaned up. Took up in detail with Mr. W.

Green and I went over the area and gathered data for fire trespass report. Told G. also to send fire report. Some 60 cords is volume of damage beside quite a little reproduction. Lucky their entire camp was not raised. Some cordwood being hauled which has not been checked up. G. will take care of this.

Planted signs at junction Saddleback-Tioga road and placed fire signs up road to Tioga pass.

Many tourists passing over now. Feed about Tioga Lake looks good and cattle will come in from Warren Fork in about 2 weeks. Quite a bit of snow hanging round in places although is warm. Leevining Falls booming.

Camptender of Hualde (Heller) stated that Mrs. Newman was using range at Jack springs for cattle. She leased a 40 from W. Symons but has no G-7 permit or other. Told G. to look this up.

A number of campers at Leevining camp. The big aspens on lower side of the grounds are dying; seems to be too moist and in some case apparently fires have been built too close to the trees. Called G's attention to this.

Discussed construction Warren trail and G. will get it under way as soon as practicable. Impressed necessity of good marking and moderate grades.

July 12 - From Leevining to Sweetwater. Planned to spend night with Johnson but he is in field so came to Minden. Found band Allied sheep had crossed steep grade on road just below Leevining last night to water. Had badly damaged grade at narrow spot. Phoned G. from Cunninghams in re this and he went at once to have herder make repairs.

July 19 - To Bridgeport district; took two cots for that District; left one at Wheeler RS. Arrived BPRS in PM and discussed general business with Ranger A. (Atcheson)*

C. E. Wedertz had started to Leavitt meadows with band of sheep and failed to secure either Grazing or crossing permit.

July 20 - Atcheson phoned herder and ordered sheep to return; L. Wedertz was interviewed at Bridgeport in re this and instructed that he might proceed under crossing permit after making formal application for grazing permit. This he did promptly and was told to give these matters due consideration in future.

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Ranger A. and I went to Twin Lakes over the new road which the people of BP valley have constructed this spring. Is very good piece of work and has opened up the lakes to tourists. Many cars there.

Conferred with Mr. W. S. Herring regarding boat house and camp permit. Looked it out and discussed details with him. He will furnish boats of campers which will be good idea.

Tacked up fire signs and returned to BPRS.

July 21 - Ranger A and I planted driveway notices between Mack canyon and Devil's gate, a distance of some two miles. Signs on redwood post and painted white; very attractive appearance.

Inspected Wheeler-Pickel phoneline (19th) and looks like very good piece of work. Is quite a bit of service to administrative work.

July 22 - Ranger A and I went to Dunderberg, enroute, planted sign on redwood at junction Dunderberg-Greencreek road. Is important spot and found later that sign was badly needed. Went to Virginia Lake territory. Four cars had entered here over very rough and difficult piece of road. Feed in that basin looks good and late showers with warm bringing it fast.

July 23 - Returned to Bridgeport RS. Discussed various matters with A. Arranged to place Simmons on Sweetwater trail this fall after his regular employment is through.

Discussed grazing rates with J. Arrabit who has leased Day field. Said his forage this year costs 45 cents per head per lamb. Had quite a reduction over last year. A number fields in Bp valley have not been leased and probably will not be. Much sheep passed back to west side to cheaper feed and lambs soon will start.

This crossing business breaks into regular schedule badly. F. Chichester wants to have 861 for spring permit cut out as he claims not to have used his spring range. Told him would look it up. Do not believe he notified us of going on summer range and should have had crossing permit from Sweetwater. Look this up.

Ranger A. has planted quite a number of trees at the RS which look to be in good condition and will be very good improvement. These replace aspen planted last year which mostly failed to grow.

Aug. 1 - Went to Sweetwater RS. On arriving at lane to station ran into down telephone line of B.P.T & T. Co., and broke windshield off truck. Poles had rotted off and let line down. Wrote Bryant advising that he would be called upon to pay cost of replacement. Met Ranger Johnson and discussed general matters with him.

Aug. 2 - In company with Rangers Atcheson and Johnson, rode over territory east of main road toward Bald Mountain to locate best place for wood road. Covered territory well and decided on the general route. Will mark it out before construction begins. Looked out new trail and repairs to old to point from Rickey mine to beyond littel Smith Valley. Marked out portion that will be

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new and explained to Johnson points to observe in construction.

Last evening Mrs. Philatro called in re her range. She said they had been bothered with cattle drifting. This was allowed in her permit. Said they had feed, but was getting dry.

Camped at Little Smith Valley.

Aug. 3 - We rode over proposed trail to Desert creek and decided on rout. Johnson will place men on it soon.

Rode over range to McKay camp and Lobdel lake camp. Cattle look in good condition and range in better shape than last year. No drifting of cattle observed on sheep range although McKay told me recently they were drifting badly.

Was impressed with number of ground squirrels on meadows along Desert creek and its branches. Believe we should take up the proposition of extermination as they seem to be detrimental to the meadows and on the increase.

Met Sweetwater cattle rider and camp tender of McKay-Yeager. Talked over range matters and camped for night.

The Camp tender seems to be good man and has solved problem of two sheepmen on same range with four bands. He has given each his allotment; each permittee has upper and lower feed which distributed quality and seems equitable. Told Johnson to make note of this in his next report and state how it has worked. See how well the allotment has distributed forage and all such points. Will be good for future allotments.

In afternoon we rode over Fulstone range. Even with the curtailment of season this shows overgrazing and will require cutting next year as planned. They have no regular camp tender to direct feeding which is bad feature. Forage on top looks much better than last year and have had quite few rains.

Went into detail with Johnson, range appraisal. He will work this top country soon; mainly type map and water development to be taken up.

Aug. 4 - We returned to Sweetwater by Desert creek and lower portion of new trail. Did not find any cattle drifting on McKay and camp tender he employs says they have not recently given any bother.

There should be two pieces of drift fence to control this early in season as keeps unnecessary time of rider to watch these points. One piece to join McKay pasture, thence down Desert creek to natural barrier. About 1/2 mile. Other just west of Lobdel lake about 3/4 mile to keep cattle from drifting down deep and cottonwood branches.

Rider said had no salt landed at Rickey mine. Told Mr. Fredericks about this. Returned to Sweetwater RS.

Told Johnson to arrange for road stock and good grader man; also to see about good foreman. Johnson will take up range appraisal on lower country later in season. Discussed various matters on his District business.

He keeps well in the field and is getting very good grasp of the work.

Fredericks called this evening and said has 7 head of his permitted horses which are hard to keep

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off Masonic range. Told him this small number would not matter and let them go.
Figure train up Sweetwater canyon to be good proposition and will figure on it.

Aug. 5 - Returned to Minden.

Aug. 15 - Ranger Clark and I went to Sweetwater to survey woodroad. Arrived Yparraguirres 6 PM and planned for trip tomorrow. Phoned Sayres from Wellington that we would be at Wiley place tomorrow to survey road. He figures on taking foreman job and is recommended by Messrs Dressler and R. Terry. Has had experience on state road with teams and has team.

Aug. 16 - We rode to canyon just south of Nye canyon. Saw band of Wedertz sheep just over road on cattle range. Told herder to get other side in a hurry. He did.

Met Sayres at place appointed and with Clark, we started survey up to timber. Walked to timber line and above on reconnaissance and spotted general route. Ran line back to road about 1 1/4 miles and staked out grade. Is very good route. Talked over details with Sayres (see letter to Johnson of Aug. 16 - under Wood road-Sweetwater.)

Returned to Yparraguirres and wrote out detailed instructions for Johnson. Received wire from Crawford saying truck was broken down at Mono Lake and would not be in order for week. Wired him to use all haste and to report to Green for duty until fixed again.

Aug. 17 - With pack and saddles rode to where stopped survey yesterday. Had man to help. Ran spur out to north and one to south from yesterdays work. Very good grade and not hard construction. Staked it out and completed survey. Have some 2 1/2 miles run out. Much of it goes thru good down stuff and large mature trees. Should yield good supply for some time to come. Good juniper post material through it. Sayres will likely take out large sale after he gets thru contract to build road.

Returned to Yparraguirres over rough country.

Aug. 18 - We went to Bridgeport where phoned Cunningham at Tioga Lodge. He wants S.U. for tract near his place. Crawford said would likely have truck in commission tomorrow. Rode to Pickel meadows camp to see Koenig about cooking job. He will work at Poor Lakes for some time and not available.

Returned to Minden. Clark went to Markleeville and will prepare map of survey at once.

Aug. 29 - Left Minden 7 AM for Alpine Dist. Arrived Mkv. and found Ranger Clark ready for field. Discussed general matters with him. Saw C. Barrett in re small C&H permit. Told him to apply next year and will likely give him permit as seems worthy.

W.J.C. and I rode to Bagley camp via Wolf Creek. Trail has been cleaned up well and brush mainly disposed of by piling. Some overlooked

The phone line to Wolf Creek will need general overhauling next spring with certain re hanging and brushing. Is now in serviceable shape. At Bagley camp over night.

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Aug. 30 - Rode on to Soda springs RS. Brush along line has not yet been piled; some high stumps which Clark will have cleared up at earliest time practicable. Line well up and in view of cost is good piece of work.

Found Dangberg drift fence below Dumont is down and no control of cattle can be had in the canyon. The Special use fence of Hussman-Parks at Dumont has not been very effective in keeping cattle out and needs a new wire. Has only two and few cattle were inside. Rider of Dangberg took them out day we arrived.

Stock had gotten inside Ranger pasture and gate open. Rogers had not fixed fence as well as should have been done.

In PM. Clark and I rode over range NE of Dumont to summit. He worked on range appraisal.

Forage abundant but drying out fast.

Find number permittees are bunching sheep into large bands to cheapen cost of running. May be permitted this year but not very good practice. Some of larger owners doing own packing to get by.

Aug. 31 - We rode over range of Powell as far as upper end of Slinkard valley. Lots of feed but drying up. Powell getting ready to separate lambs.

Range appraisal. Returned by Silverking creek.

Sept. 1 - We rode range of Connell, via Corral and Coyote valley and back thru Fish valley. Storm arrived and rained hard all night.

Sept. 2 - Storming on summit so returned via Wolfcreek. Had a general look over private 160 of E. Tryon near Wolfcreek. As near as can figure, it was taken up for timber and is practically all of no forage value. Tryon will ride over with Clark next week.

Clark will see Baryon as to whether he ever feeds over this tract.

Sept. 3 - Clark and I went over new trail above Pleasant valley. Crew working there. Work is well conducted and are now in some heavy work around a point. Has taken advantage of some old road en route.

Brush will require more piling in places and Clark figures on burning it this fall.

Returned to Mkv in P.M. and to Minden.

Sept. 6 - Went to Sweetwater District this AM with new driver of truck. Inspected progress on road. Found camp in cookwagon established immediately at work. Foreman Sayres is making very good progress and turning out a good piece of work with good showing in every way.

He has selected his men and while paying slightly more than regular wages, it is apparent that is good policy.

Two men with grader and four horses. Three men rocking out and brushing ahead. This seems to be a proper balance and Sayres watches that it is so.

The lady cook, Mrs. Wilkerson puts up good grub in an economical manner.

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Went over the entire works with Sayres and Ranger Johnson. Johnson will have truckman get out about 50 juniper posts for corral.

The recent driver, Crawford seems to have had IWW ideas and when required to help on road work while not required on truck, tried to break up the good harmony of the camp. We fired him without ceremony.

Johnson has men for Desertcreek trail who are beginning. I ran this route out last month with J.

The Sweetwater cattlemen are building gathering pasture at Rickey mine. Cattle are drifting out now and will gather soon.

Met Mrs. Philatro who wants to run sheep over cattle range after cattle go out. Told her this would be conditional on agreement from cattlemen. Johnson will see latter in re this.

Sept. 7 - returned to Minden in evening.

Sept. 12/21 - To Monolake district. Stopped enroute at B.P.R.S. where discussed matters in brief with Ranger HWA.

Arrived Monolake in evening and stopped at Tioga Lodge. Phoned Green would be up in morning.

Sept. 13 - Arrived Leevining RS. Green and I went to Saddlebag lake where inspected sale to that CO. Found the dam complete and men moved out. No attempt yet to clean up fire trespass area. Green will have this done this fall and report. They have had series of fires; latest is bunkhouse which spread a short distance to few trees. Loss property considerable.

Rode to Tioga. Cattle moving out owing to cold nights. Feed very good.

Looked over proposed site for new Lodge (SU) near junction of roads. A party wants to build resort here next year and to begin this fall to get in shape. Saw nice cove which Green will run out. Returned to RS.

Sept. 14 - We rode up past Brand Lodge and Brown mine, over new trail to Warren fork. This is new route being improved for use of stockmen in packing and for Admr. work. Green has had man working here some time and he is nearly thru. The route leads over some rough country and quite a little rockwork. Is Class C. Called attention to brush piling along way and to some high snags to be cut off; also some rocks which should be taken out. The man employed has not had much experience in trail work but is good worker. It seems he was not instructed to pile brush. Green will have him do so.

We returned via Leevining canyon and looked over slabs for use in cabin at Silverlake. Power Co. built slab house on Govt. land last year which we will move. Has good material in it.

Leevining meadows look good and feed is holding up well there. Talked with applicant for Lodge at Power Co. Camp. Explained our requirements. He seems progressive and full of enthusiasm. Returned to RS.

Sept. 15 - Went to Silverlake. Painted boundary post en route and will place metal sign on return

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when dry. Talked with Fire warden Green this evening. He has had very good year and at odd times has brushed up around the lake in accordance with my outline given him; has cut some timbers for cabin also. Told him to finish his time on latter as fire season seems to be over there. Nights very cool and travel light.

Met number of campers and discussed recreation with them. The fish planting in Gem lake and upper country seems to have resulted in good fishing. One 8 1/2# EB was taken this summer.

These waters have small shrimp good for fish food which we should try and transplant to Walker river. Seems to be key of success in trout propagation.

Sept. 16 - Looked over survey for new trail up from Reverse creek which Green has run out. Grade looks good and not a hard prop. Green's father will work on this next week after he has completed Fire Warden job. Looked over sale area of Dondero in Reverse creek. No brush burned yet. I did two piles and one can burn with safety. He left his camp in bad shape; dirty. This called to Green's attention and he will have it cleaned up.

Found Green had allowed more cutting of Lodgepole at place had recently instructed him we would not permit more. The cutting has cleaned up this species too much. (See memo #1). I called this to his attention.

Carson in his sale has stumps too high in cases. Drawn to Gs attention. There is rather poor selection in marking; too much desire of purchaser rather than Silvical requirements.

Sept. 17 - G & I walked to Gull lake, over Symons range. Is in good shape and cattle moving out. It is rumored that Symons has sold his cattle to a man named Cornett. Saw Evans, sheep man. Says his sheep OK. but a fellow grazer, Castanet has had number stiff lambs. Got some poison early in season and quite a loss. The proposed Rush cr. road survey by Power Co. leads up on West of Gull and Summit lakes. We should look well into prop. of road up east shores of these lakes as will be better grade and add to recreational features of place quite a bit.

Placed new sign plate on tool box at Silverlake.

I sent Green check list blanks for these houses for recording his tools there; to hang inside. He told me at Leevining he had placed them. Found they had not yet been placed. He will do so. Such list seems essential for proper control. Told him to leave corks out of canteens and to fix rack for hanging them on walls.

Decided on site for cabin at Silverlake. Returned to Leevining RS and placed metal sign en route. Told Green to fix the one at Monolake soon.

Sept. 18 - To Sweetwater - Picked Ranger Johnson up along road and we inspected new road. They are about thru main line and south lateral; very good progress and good bunch of men. Sayres suggested change on north lateral in easier country that would accomplish same results. Looked over it and approved change. Stayed at RS tonight. Talked over general matters with J. He has man on Desert creek trail who is getting along nicely.

Sept. 19 - return to Minden. --Note. Had specific talk with WEG on timbersale business. Told

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him to give full instructions to each purchaser in re our requirements and to screw down on them more.

Sept. 23 - Mr. Barrett, A.D.F., and I went up Woodfords canyon today where we looked over camp site propositions in the canyon and discussed the future development.

Looked especially over the new one above double-S. Found that the greater part of cleared wood had been burned by campers and that one of our tables had been taken. A fire was still smoldering where a brush pile had caught and we made it safe.

Quite a few trees had been marred by cutting bark and we took a list of names which B. will write to.

Will try and furnish two latrines next year, placing them near upper end of site so can be reached from one further up.

Lunch at Woodfords and tried to get clue to fire.

Sept. 27 - To Bridgeport District, arrived in evening at BPRS. B. Chichester called in re running his sheep on cattle range. Discussed matter thoroughly and decided that would not permit it as has no relation to his range. Told him we would refund portion of grazing fees he has not used owing to shortage of forage. He will call and sign voucher.

Saw W. Pitts at Junction who was waiting for remainder of Little Walker cattlemen to gather. Many failed to arrive for some reason although had been notified.

Sept. 28 - Ranger A. and I rode over east end of LW cattle range and Sario's range. A number of cattle well up look in good shape. Feed is still good and brush excellent although nights getting cool.

On returning found where Day had grazed his sheep on east edge of this range; kept well to top where cattle do not graze much.

Sept. 29 - Ranger A. and I went to Pickel meadow where we collected 18 empty fish cans and deposited at Junction where a back truck will bring to Minden. Advised foreman there to load them on. A. got good distribution of trout from this, taking a number well up river above falls.

Found cattle have gotten into Wheeler pasture late this summer. Fence was well fixed but smooth wire does not hold them out. Will have to have barbwire or netting to be effective.

Discussed driveway plan with Atcheson and he will treat this fully in annual grazing plan.

The Bp. Tel & Tel Co. phone line is in miserable shape and is getting worse. Discussed this with A. It appears that we cannot get any results. May possibly take up with Cal. officials.

Sept. 30 - Went to Sweetwater where met Ranger Johnson. The wood road is completed and made final inspection. Is good piece of work. J. will employ scraper team two days in cleaning out right of way for trail across Sw flat toward Rickey mine. This will make good trail much cheaper than by hand labor. He has two men on other end of line. Told him to reduce width of track not to exceed 24". Has been having 36" track until now which is too much.

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Discussed general matters with him. Plan to go with him to east side next week and look up timber users.

Found man getting out wood for Bridgeport users, up E.W. canyon. (Told J. to investigate fully and report. Arranged for sale timber to C. E. Wedertz.

Oct. 1 - Returned to Minden.

Oct. 7 - Left Minden this morning with District Forester Redington on hurried trip; stopped at BPRS where saw Ranger Atcheson and discussed matters with him. Then to Monolake where had dinner and discussed Summer camp at Virginia lakes with Cunningham. Went to Leevining R. S. where met Ranger Green. After brief inspection of place Mr. Redington went on to Bishop.

Oct. 8 - Green and I hauled two loads slabs from Leevining to Silver lake on truck.

Oct. 9 - We hauled several loads of logs for cabin at Silverlake.

Oct. 10 - Completed hauling logs and I inspected new trail from Reverse creek (S). Grading quite well done for distance of 3,000 feet. Brushing in places dense. A few large rocks to blow out but Green said he had loaned his powder to Carson so had none on hand to work with.

On previous trip to lake told Green to have brush from trail piled. This has not been done as work progressed and will have to be rehandled. Told him this trip to have it piled as was cut and save extra labor.

On 8th saw Patterson of Tioga in re cleaning up their fire trespass. He said would have it done early next spring if satisfactory. Told him would do.

Spoke to Green in re Dondero sale. He has not pressed it very strong. Should be burning brush by now.

Carson is hauling logs for new cabins. Has quite a bunch which may require rechecking over sale amount as looks big.

Told Green three times about placing hangers at Tool (fire) place at Silver lake and placing tool list there. Is tardy in this.

Told him to have it in shape before storms set in as canteens and bags are dumped in bottom and will spoil with winter snows.

Oct. 11 - Returned to Bridgeport by truck and to Bridgeport RS where met Ranger Atcheson who brought me to Minden. -----Ranger Green informed me that Chris Mattly had stolen a bunch of sheep from Blackwell while on range. Both men are permittees.

-----G. spoke of wintering his horses in Monolake basin. He recently purchased 3 tons of hay at \$25. per. Told him looked like winter keep would be high on this basis and that in case total winter feed would exceed \$15.00 over what can get in Smith or Mason valley to not consider it.

Oct. 18 - Left Minden 9 AM for Sweetwater District. Ranger Johnson was out on trail work

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when arrived so went to Yparraguirres for evening. Found grounds at Ranger Station nicely cleaned up especially the following:

Manure pile hauled away.

Front yard cleaned free of brush and litter

Lane levelled up and the gulley filled in.

Post tops on fence cut off evenly; about 1/2" above top wire.

Large garbage pit dug and ready for covering.

Cedar posts nicely piled in field.

Oct. 19 - Ranger Johnson and I went to Masonic. Walked to Chemung mine some 2 miles where investigated wood cutting. They have supply in but is covered by sale. Discussed general matters with them and returned to Masonic where saw Mr. Fuller. Said Masonic precinct now has 40 men. Not much doing there however. No wood seems to have been cut illegally. Old stumps are being removed by free users and is good riddance. Came back by Fredericks whom saw. Says his cattle came off range in good shape. Talked over range improvements with him for next year.

Returned to RS.

Oct. 20/21 - Johnson and I went to Rockland via old Wellington road on north end of Pine Grove hills. This road is in very good shape and quite a bit traveled. Boundary notices near road in repair. At Rockland interviewed Andy DelRey who has wood camp about one mile below the mine. He has on hand about 100 cords of wood paid for by Pittsburg-Delores mine which DelRey received from them for labor of cutting. He is disposing of this as well as cutting wood for purchasers of timber. His operations seem within the Regulations.

We drove to Silas ranch along E. Walker river and then up river to Allied ranch where discussed grazing matters with them and on to Morgans where spent night. Discussed grazing and other Forest matters with the E. side residents. Looked for proposed trail route near Wichmans.

Oct. 21 - Rode up to Coal valley and went through the new operations of coal prospects. Good ledges of low grade coal. They are burning it in hoist boilers and seems to make steam quite well. They have sale for it in Bodie but no delivery yet. Returned to Sweetwater via Fletchers and Elbow.

Took up in detail with Johnson improvements of Station. The Rickey mine trail is progressing well and will be completed about last of this month. About 10 mile stretch in all.

Oct. 22 - Returned to Minden 12:30 M.

Nov. 9 - Ranger Clark and I went to Antelope and Smith valleys today in order to interview each permittee of the Little Walker cattle range and to have them sign Constitution and Bylaws of their association.

Discussed Bull proposition and brought up at recent meeting with those who were not present.

Had very interesting discussion and all seemed to be in line with the movement.

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Nov. 18-19 - On trip to Reno attending range appraisal conference in which Modoc-Inyo-Mono were represented with messrs Rachford and Nelson.

Discussed the matter thoroughly and got some good data and information relative to more detailed points.

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March 7 - Ranger Green and I went to Yerington by auto in order to look into the ownership of H. Jensen sheep.

March 8 - Went to sheep camp of J. Sario and looked over a bunch of old ewes for marks. Some had been recently rebranded JS but could not determine prior brand.

The camp tender was out in hills after lost bunch. We went several miles in search but could not find him. Sario not at home and would not return for some time.

A herder said he had recently sold bunch of ewes of R. Borda and now has two bands of ewes and one band of yearlings.

One band will lamb near Yerington and one near Como.

Green will look into brands of latter when they come in during next week.

Went over to Reno. Saw Frank McKay in re his range. He spoke as though he did not have enough sheep to take to range this summer but wants to come in with 1600 next year or so. Not very definite with his plans.

March 9 - Returned to Minden.

April 19 - Ranger Atcheson and I went by auto to point near Clifton where J. Sario (Mono Land & Livestock Co.) was lambing.

Went to their lower camp and walked up canyon 4 miles over lambing bunch. Saw camp tender J. Cruz. Asked him where the other sheep were; he said they were in coal valley along the E. Walker and would try and get feed at Sweetwater.

Found bunch examined all branded S. and JS. We were in hunt for brand of 7D which is that of H. Jensen.

Cruz said all other ewes were branded J. and JS and did not know where 7D brands were.

It appears this brand is fictitious and used only during the summer when sheep are on Forest.

The lambing band had some 1800 in it.

We returned to Minden same evening.

April 19 (second file memo on this date) - Ranger Atcheson and I went to point near Clifton where J. Sario has sheep camp.

Sario not at camp. Saw Camp tender J. Cruz who has been in charge of his sheep this winter.

Is lambing band of about 1800 ewes at place visited. We walked about 8 miles up canyon and

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looked over bunch. Brands were all S and JS.

Asked Cruz where other sheep were. Said were in Coal valley, 2 bands.

Asked him what brands were on those; he said S and JS and asked him if he knew of 7D brand; he said he did not.

Cruz said Assessor was there few days ago and he told him how many sheep the Mono Land & Livestock Co. had. Said Sario was about to "fire" him for telling.

We were on hunt to 7D brand supposed to belong to H. Jensen. Got no clue.

May 16 - Went to Sweetwater District. Stopped at dipping vats for cattle near Hudson and discussed operations with Dr. Givins and various owners. Vat very good and stock being dipped. Saw J. Mann and told him of meeting of Advisory board this Sat. in re bulls which would have to substitute scabby ones.

Went to Sweetwater where met Ranger J. in evening after he returned from Fredericks.

Discussed range with F. L. Yparraguirre and secured range data for Rng. appr.

May 17 - Johnson and I rode out to Roaches and Scirrini, and to the Wiley ranch. We counted three outfits of cattle which were going to range. Discussed various business matters with J. and helped him on improvement work at station.

Slade came in evening en route to Bridgeport RS where he is going to work on 6-mo job. He went to Bp and told him would pick him up tomorrow and take to RS.

Visited camp of J. Sario who is lambing bunch near Sweetwater. Asked him where his other sheep are. Said had lambing bunch and band of yearlings near Clifton. Those lambing ones are ones HWA and I visited some time ago. Asked Sario where the 7D bunch is. He said they were with the two bunches near Clifton. We did not see any of that brand when we were there and the camp tender said he did not know such brand.

Inspected post sale to Sayres up new wood road. The area is not cleaned up and told J. to have it attended to.

May 18 - Went to Bridgeport. Met A. Bryant and asked him when he was going to repair his line down W. Walker. Said soon. Met movie people who are taking scenes near Twin lakes.

Went to BPRS where met Ranger Atcheson. We looked over fences and other work. Discussed new stock driveway down W. Walker and plan to look it out next week. Road just open; first car over today. Talked over various matters. Found Slade had come over this AM.

May 19 - Went to County courthouse and secured data on ownership of land and values from Mr. Delury. Saw State engineer Badger and he told me will build bridge over W. Walker for stock driveway. Will plan to construct it as soon as possible. He thinks we can allow cattle to travel the road except during heavy travel and require sheep to take driveway all times. This will simplify the matter somewhat and cheapen the work.

C. Fulton wants permit for few horses in Lundy canyon and told him will send appl.

Saw C. Jones and asked him where Luce had done assessment work on E. Walker. He said

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about 1 mile below bridge on east side. Looked this out and it appears that this work is mainly cleaning up an old ditch line which had been built years ago in taking up DE land. It looks like is on patented land.

Called on J. Fredericks but was not at home. This was in re addition of 10 head cattle on permit covering extra range we have. He will call at RS Sweetwater this evening.

Returned to SWRS. J. has man helping reset fence about RS. We went over the fence line and marked posts requiring resetting. Many will stand resetting, being long. Hauled out what new ones necessary. Talked over matters with J. and went to Yparraguirres for night.

May 20 - Returned to Minden. The forage is coming along nicely now although late. Shearing is rather late and Days just in it. Several not yet begun. Had advisory board meeting this PM. and discussed bulls. See minutes. ----Johnson allowed Huniwell cattle to pass without having them present bill of health. He said they told him they had one. I instructed him to hold to my orders sent him with no exceptions.

May 24 - En route to Bridgeport District. Examined cattle-dipping vat at Coleville which is just constructed. Talked with several stockmen at that place. They will dip tomorrow.

Arrived at Wheeler RS where met Ranger A. and Slade who are working on fence at that place. The winter destroyed it as well as flattened the LW cattle range fence. The forage is late and not yet fit to turn out; probably will not be ready before 10th of June and not likely fence will be fit until then. Many big drifts of snow hanging round and some of the high ranges all covered.

May 25 - We took trip down W. Walker canyon to look out the proposed stock driveway. Cold and snowy most of day. Looked over proposed site of bridge which Cal. will build.

A route up the canyon will cost lots of money and it does not seem practicable to follow if another way may be found.

May 26 - We made trip over Burcham range looking out driveway route. Thence down deep creek near the River and to Trumbull place. Found some very good benches which can be used and with rather short grades it seems that a very practicable way will be found.

This will be good for sheep especially and no reason cattle cannot use it with ample grades.

Much of this range has never been fed by stock owing to fact they could not reach it. The route will be amply watered and will furnish forage en route. Came back canyon road to Wheeler RS.

Burcham range is coming along nicely and melting snow will bring forage up quickly.

May 27 - Talked over general matters with Ranger A. and returned to Minden in PM.

May 29 - Atcheson and I went to Reno where we discussed the driveway with Messrs Petrie and Smith of Union Land and Livestock Co., whose range and private lands are involved in driveway. They were convinced that it was needed and gave their permission to cross their land. Bucked it some at first but finally gave in.

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June 15 - Woodberry and I went to Bridgeport District. We stopped at Driveway camp in canyon and looked over works. Have camp established; swinging bridge in and grading started. Camp in good shape. We had supper there and then went to Wheeler RS where met Ranger Atcheson and Slade.

A. has completed fence around Wheeler RS and looks to be stock proof and good job. Stock coming on LW range and A. is taking care of them. Feed now coming nicely but late. Fence of LW range being renewed and ready for cattle.

June 16 - We went to Bridgeport RS where looked over the station and grounds. Everything in nice shape. Left boundary sign for A. The Bp. T&T line of Bryant is not yet fixed to Fales and Bryant says will do so soon. Winter took it out.

Went to Sweetwater where conferred with stockmen. Saw Jones in canyon and he said Loose had gang of surveyors who had just finished 7 days work. Will wire Merrill in re same. We noticed Pinyon in places in canyon badly rusted as tho fire-scorched. Woodberry said this is a scale and has been reported elsewhere. Some trees look as tho would die.

Staid at Ypys over night as Johnson is on trip in field and will not return until tomorrow.

June 17 - We looked over SW RS and found things in good shape. Supply house door roped shut and should have been locked. Went to wood road and looked over project with W. Quite a little wood stacked ready for measure. Some work to be done yet on lopping brush from Junipers. Sayres will take care of this.

Came to Wellington where had lunch. Went to Sarios sheep shearing camp; is just about thru. Found 30 bags wool marked 7D. Asked S. who it belongs to; he says is his. Saw 7D new brand sheep; probably a band among S & JS sheep in a corral; had just been sheared. These are sheep that lambed and fed near Clifton which Atcheson and I looked over this spring and which did not bear 7D brand so far as we could observe.

June 20 - En route to Monolake Dist. Took supplies to W. Walker driveway camp and looked over work. Men seem to be progressing on work and have quite a little heavy grading done. Should have few more men on job. Sayres will try and get them.

Stopped at Wheeler camp and left some equipment for Atcheson. Met A. near Fales and discussed general matters with him. His assistant Slade does not seem to stack up very well. Lacks pep. BPRS was broken into last Sunday. A could not get line on who did it. Nothing of import stolen.

Arrived at Monolake in evening and stopped at Tioga lodge over night. New highway completed along lake and boundary notice should be moved to new position.

June 21 - Went to Leevining RS. Green was at Silverlake so went there and looked over situation. Left 12 fire rakes for him which will be for equipment at the Fire kit house. Moved the Kiosk to near cabin. Green has just placed two men on Reverse cr. south trail and will complete early in July; then they will take up Gemlake trail. A slide has filled about 1/4 mile of bloody

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canyon trail which will be cleared out in few days.

Went up Reverse creek and looked over debris of snow slide which brought about 100 cords wood with it. This will be sold to the Power Co., at dead rates. Forage looks fine and stock doing well. Carson is making nice progress on his resort and has cleaned up his grounds nicely. Many campers along the Rush creek canyon and at Silverlake.

June 22 - Green and I cleared up rubbish and burned brush etc. around his new cabin. Was quite a bunch of it to do.

June 23 - Green's father will take lookout job on Olcese coop fire prop. Talked this over with him. He will clear up Silverlake camp grounds at spare times. Quite a little dead material which he will saw up and pile for campers use. Carson will enlarge our pasture about 2x present size by extending fence further down creek. This will be undertaken this fall. Looked out proposed phone line to Power house. Will take 1 mile line (met. circ). Power Co. has good spare wire we can get without cost.

Saw B. Curry in re Special use in Sylvester meadows. He is trying to get lease on Power Co. lands.

Found that W. Blackwell had entered the barn at Leevining RS and left door open. Will jack him up by letter.

June 24 - Looked over new bridge at Leevining. Is good work for money but ends of pole floor will need squaring off to neaten job. A little grading above it will allow tourists to enter new camp grounds. Green and I cut out a number of dead aspen from camp ground and piled cuts. Many aspens have died here presumably from (missing)*. Told Green to take greater care in cautioning campers in this respect and brought the matter to him last year. He cannot, however, be there all the time. A sign might have good effect.

We went up to Power Co. camp where saw Engineer Waugh and discussed Reverse creek road with him. He says it should be built. I had written the Co. this spring in re cooperation but did not get any very definite prop. Mr. Poole will be at the camp in few days and Green will look over the situation with him and let me know just what they will do.

The RS was in good condition in general. Called attention of accumulation of manure in barn. Blackwell has two horses in pasture which G. will have moved.

Returned in evening to Driveway camp on W. Walker where spent the night. Discussed matters with the foreman.

June 25 - Sunday. Returned to Minden at 12M.

June 27 - Was informed by I. Pinkney at Minden on evening of 6/27 that a bunch of fellows from Heidelberg place were going to Blue lakes to fish at 3 AM tomorrow; said they had full outfit including snag hooks.

I got Ranger Clark on phone at Wolf creek camp as soon as possible and told him to meet me at

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Markleeville same evening.

Got supper and at 7PM left for Mkv. Went up above Mkv. until met C. near Silver creek crossing at 10PM and gave him the information. He was on horse and would get to Mkv about midnight with his Guard Thornburg. Returned Minden at 12 PM.

June 28 - Saw Pinkney this morning and asked him who the party is and if they went. He said was Fritz Dangberg and Zorn; that Zorn left him to look after things while he was away; that they went in Zorn's auto a Buick 6 with Cal. license.

I passed a car, presumably theirs last night just below Woodfords with about five men in it, at about 11:30 going up country.

Phoned Clark this morning as to additional information and he said will start at once.

To Sweetwater District; arrived at SWRS at 7 PM and ranger absent. Went to Yparraguirres for night.

June 29 - Left early this AM on saddle trip over Rickey mine trail as far as Desert creek. Trail in very good shape but brushing thru timber not well disposed of. Some trees cut and bent over and brush not cleared away. Left note in re this for Johnson.

The Cooperative stockmen's pasture at Rickey mine which was built last fall with mesh wire was badly broken by snow last winter. Posts are entirely too far apart in some cases 25'. Should build short piece of trail around this pasture as is on main route.

Found 6' drift snow still at head of canyon near trail just before passing into little Smith valley. This is very unusual. Meadows on cattle range are excellent as is the brush feed and lots of water. Snow melting fast.

Rode over east end of Jackass flat where McKay reported recent 1,000 cattle grazing. Found no evidence of cattle there at all.

The forage on lower portion McKay-Yeager range is in prime condition but seems they have moved higher up. This should not be permitted yet.

Large drifts snow on north slopes in Jackass country. Cattle looking well and salt in all boxes noted. Came back to RS.

Found J. had gone away with rear door of barn unfastened. Were 5 head horses in his pasture. Must be keeping some outside stock. Left him note in re various things to attend to. He is over at Wilson camp attending to range matters.

June 30 - Inspected sales on wood road. Brush has been cleaned up in very good shape. Should have some slight repair to the road where has washed between breaks. Returned to Minden.

July 10 - Enroute to Bridgeport District. Stopped at Driveway camp and with foreman Sayres, looked over the work. He is progressing quite well and has done quite a bit of heavy rock work, totalling over a mile length.

Will be ready to move camp in a week. I wired for grader to be on hand as soon as can get it. Comes from Cleveland Forest.

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Sayres is short of men on this job and told him to get more as crew is too limited for best economy. Discussed with him prop. of Reverse creek road when he finishes this job. He will take it.

In evening went to Pickel meadows where met Atcheson and Slade and we went to Yparraguirre camp. (Painted enamel on sign at C.F.)

July 11 - We went to Junction and loaded about ton lumber on truck for Leavitt recreation ground. Road is very bad and we had to unload part near wolfcreek. Camped at Leavitt.

July 12 - Worked in public camp development.

July 13 - F. Springmeyer came at 5 AM and after breakfast we rode to Silver creek and over his range in order to give him a definite understanding of his lines. His range is fixed as meadows on Silver creek above falls (main creek) and meadows on wolf creek. He is developing his range by irrigating the dry spots and is doing very good work. Has nice camp on Silver cr. and pasture. We rode over to Wolf creek where decided on drift fence to control cattle feeding.

Feed on this range as well as adjacent one is excellent and stock look fine. No losses. We returned to Leavitt meadows.

July 14 - Worked on Leavitt recreation area.

July 15 - do.

July 16 - Sunday - fished and talked to campers.

July 17 - Worked on recreation area.

July 18 - Completed area at noon and just in time to escape a heavy rain and hail. Went to Wheeler RS for night. Hard sledding with truck near Sonora bridge. Many campers coming now.

July 19 - Returned to Minden. Stopped at Driveway camp and discussed matters with Sayres. Arrive at Minden 4:30 PM and meet Asst. Forester Barnes, Messrs Nelson and Bigelow. We discuss general matters and range appraisal in some detail as far as time will permit.

On the back of the O-Supervision, Mono (Field Trips) memo is the following memo under O-Improvements -Mono, Leavitt meadows camp (Recreation)-FY-23:

From July -12-17- mainly, Atcheson, Slade and self develop camp at Leavitt meadows.

The site is near what is known as Browney creek, beside the river, under nice grove of Jeffrey pine and aspen, with good water.

Is very popular camp for persons stopping some days and who want good fishing. Road to it is

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along Sonora highway. The developments accomplished are:

- 1- Two standard latrines - single barrel - Painted two coats of grey.
- 2- Four concrete fire places.
- 3- Five good big garbage pits; two of which are signed with the Cal Auto sign
- 4- Posting tract with various signs.
- 5- Cleaning up cans and placing in pits; cleaning out fallen trees and some brush.
- 6- Construction four tables.

End of Memo.

July 24 - In company with Geo. Hussman went to Silver mountain on trip to adjust range between him and Mrs. Adams of Stanislaus. Secured saddle horses at Silvermountain and rode to Dumont RS where met Ranger Clark. Went via Nobel and Bull canyons and trail crew of upper wolf creek. Men making good trail and very good progress; are near the Murray canyon summit with it and will continue till river near Carson Falls.

Feed along route very fine and stock looks good. Trail near wolfcreek falls needs some little repairs and C. will have this done soon. Arrived Dumont 8 PM.

July 25 - In company with Ranger Clark and G. Hussman we rode up to upper end of Golden canyon where we met Supervisor Wulff, Ranger Tyler and Mrs. Adams. Had lunch and discussed range boundary. I finally proposed the following which was accepted:

All range the east slopes of Golden canyon be considered as sheep range; drift fence to remain where it is in order to save expense to moving to summit where would be hard to maintain and much longer stretch than now; the lower wire of fence to be raised on north end to permit sheep to pass under; the natural drift of Mrs. Adams' cattle to be allowed in case they came to the east side as far as drift fence; the allotment of Boulder creek on Stanislaus which was allotted Hussman but never used because of roughness to revert to Mrs. Adams entirely. Cattle are not to be salted on east side of range.

Wulff said Mr. Redington is over at Tryon camp and asked me to go over for night. This I did and had very pleasant visit with messrs Wulff, Redington, and several S. rangers.

July 26 - Met Clark and Guard Thornburg near head of Mokelumne and we passed into Indian valley, thence via new trail to Pleasant valley, which I inspected. Big amount of work done and good handy route made. Trail blazed out; some chopping too deep to be standard but was done before new instructions came out.

Too dangerous cover to burn brush and from some that has been done is likely more litter will result than if left in piles.

Stopped at small creek near bottom where looked for and found small clump of Cal. black oak; only specimens known to exist on east side on Mono. Collected specimens for herbarium.

July 27 - Clark and I went over to Hotsprings to look over the proposed County public camp grounds. Discussed it with Scossa who grazes there. The Govt. land will not interfere with his

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range as is thickly timbered and scarcely any forage. The Co. will buy about 10 acres from him including hot springs and improve the grounds in general. F. Dunlap has contract to clear up the grounds; discussed the prop. with him. We returned to Markleeville and discussed general matters with C. and returned to Minden.

Aug. 7 - To Sweetwater District. Dinner at Wellington. Conferred in re timber sale at Masonic with man at W.

Arrived Sweetwater in evening. Conferred with F. Yparraguirre on range matters. Ranger Johnson not at home; on trip to Powell mountain. Phoned for him. Reached him at Morgans.

Aug. 8 - Inspected files at SWRS until Johnson's return. He has them in fair shape; some matter missing which made note to replace.

Inspected sales on wood road; brush in good order on Sayres and Wilkerson sales and can close.

J. returned about noon and we discussed various matters of his district; authorized trail to Tweedy meadows which he will start soon. Figured on trip to Lobdel lake and upper range for next few days.

In evening got phone of big fire in Woodfords canyon which required me to return as the Forest clerk was not on duty and Ranger Clark in high country and out of reach phone.

I returned to Minden with Ranger Johnson at midnight and phoned Sayres at trail camp to bring picked crew with beds. Sayres arrived at 1 AM.

Aug. 9 - Went to fire early with Johnson. Found Atcheson had been on the fire during the night and Clark arrived after all night ride in saddle and was feeling sick but game.

J. and I scouted over fire line and placed the men on hands at the proper places. Was still in bad shape but by night we had lines well held.

Aug. 10 - Clark in charge of fire with Ranger J. and Guard Thornburg. I arranged for keeping time of men and took job of securing crews to replace worked men. Kept line sufficiently supplied.

August 16 to 26, 1922, on trip to Mono Lake District.

Arranged to have Sayre, foreman on driveway project, come to Monolake on 19th to look over road project (Reverse creek). Stopped en route at Farringtons and Arch F. brought up matter of Blackwell feeding over cattle range in vicinity Walker lake.

Told him would arrange to confer regarding this when Ranger Green could be with us. Later when he was present the following features were claimed: Blackwell had sick herder and left his sheep on meadows adjacent to lake for reason he could not personally take care of them. It appears that Blackwell has cleaned out most of cattle range below meadow and some above lake which was allotted messrs Farrington, Mattley and Bridgeport Tom.

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Farrington claims Blackwell fed there at other times than when herder was sick and his employees so reported to him.

In view of fact that this leaves cattle range short of feed and it seems likely that Blackwell fed there at times when there was no excuse to do so, I told Ranger Green we should make a case of it. Under the G. Reg. we are obliged to do so. G. will attend to this.

Ranger Green and I inspected the Reverse creek (S) trail which leads from Reverse creek and is graded to bench leading south to Glass creek and Mammouth. A very good piece of work; well built and following a good grade. From top of hill Green has blazed it to summit. Two or three large trees felled from right of way probably should have been limbed and piled to conform to standard requirements. This can be done later when convenient.

On 19th, Green Sayre, Engineer Rudy of Power Co., and I walked over proposed route of Reverse creek road. Various features of route and construction were discussed en route and decisions made as to these. It is probable that the work will be undertaken this fall with Sayre as foreman under supervision of Ranger Green.

A stretch of meadow will be tackled first as during early season this is too soft to work.

Green will make survey of route this fall. We can secure certain equipment from Cain ranch, which we do not have in stock. The Power Company will charge reasonable rates for this. We should however ascertain charge before taking such.

Green and I inspected Silverlake camp grounds. Mr. E. Green who is employed as cooperative fire Guard, spends forenoon of each day in looking after this area and has been cutting out dead trees and piling for fuel; also brushing out ground in order to improve appearance and enlarge area for camping. Quite an improvement has thus resulted which will be extended.

Carson has cleaned up his grounds and has provided garbage containers. I spoke to him last spring regarding toilets for his customers and self on his site. These have not yet been built. A memo by Mr. Barrett brings this matter up and we must insist on having this done as soon as possible. (L. A. Barrett is Assistant District Forester for Lands in San Francisco.)*

Buttress who has lot adjacent to Carson, has not yet complied with requirements and since Carson needs the site for expansion of his business it is advisable to cancel the Buttress tract and issue to Carson. This will be done Dec. 31, 1922.

Carson should lay plans for use of Buttress tract and let us have diagram to show proposed improvements on it before end of this year in order to embrace them in permit.

Green and I looked out and marked route for trail from point near Silverlake to junction with trail leading to Gemlake. This will be in unit with Gemlake Agnew Trail and will greatly improve a grade which is now excessive and almost impossible to maintain owing to steepness. The route is very important for administrative as well as for stockmen and tourist traffic.

Green will start men on this work as soon as they are available. Some of the route will require quite bit of clearing of brush as well as moving loose rock.

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Green and I walked over route of proposed trail from Gemlake dam to Agnew pass. This project will be deferred until next year as the link in trail above noted is logical one to tackle first and more necessary.

Olcese, permittee of sheep on Monomills range is having his sheep dipped for scab at Monomills. This is within his range and the place at Monomills is logical place to dip. It is probable that this matter should have been taken up first with District office in view of Quarentine which those sheep were placed under, which required clean bill of health before entering Forest. Future cases should be first referred before similar permission is allowed.

Green and I went to Saddlebag lakes and inspected cleaning up of burned material on fire trespass area of Power Co. They are now having this work done and is nearing completion. The area is greatly improved and will soon be ready to close. Green will report when ready to close.

Power Co. is constructing small dam at Ellery lake and have just completed 1800 foot tunnel for power project.

Looked over McGeehe proposed Resort below Tioga. He has given this up, however.

Mr. Rudy, Engineer of Power Co. wants to select several recreation sites near their projects for use of their employees. Told him is good idea. We will approve for such area as is deemed adequate for their purposes, in so far as no conflict will arise for public requirements. These will be surveyed out soon and selections made.

Ranger Green will have E. A. Green the cooperative Guard, clear up camp grounds across creek at Leevining during latter period of his employment in case fire danger on Mono mills becomes safe. This will consist of cleaning out the dead wood along the creek and certain brushing in order to open up good camping. Cement fire places will be placed in Leevining grounds in order to control location of camp fires away from trees there.

Green and I went to Lundy where we conferred with Mr. Pierce who has objected to sheep being driven up Lake canyon. It appears that this route is very narrow in places and some difficulty would result in sheep crossing mining property. The route is hard to travel and forage gained would scarcely justify the attempt.

We arranged therefore to readjust ranges of Fallon and Jones for next season so that Jones will not be called to drive up Lake canyon but will take another route. This will eliminate an annual squabble with the miners and no harm to permittees.

Went to Sayre's camp on West Walker and next day inspected the driveway work. Quite a little grading yet to do in Deep creek, some of which is heavy work. Discussed matters with Sayre and returned to Minden.

Sept. 6 - Went to Woodfords canyon where met Ranger Clark. Took load lumber for public

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toilets at W. Carson site which cut out yesterday. Worked on erecting them.

Sept. 7 - Completed erection of two except some minor details. Found bunch of Indians camped on one site; we moved them.

Sept. 8 - Outlined and discussed with Clark, full development of this area. He and Thornburg will complete work on it. Returned to Minden 8 PM.

Sept. 14-29 - On trip to Sierra Forest where studied various lines of work with Supervisor Benedict and his men.

Oct. 9 - Went to Driveway camp on West Walker where, with Ranger Atcheson and Foreman Sayres, inspected work. Found an immense amount of rock work had been accomplished and the work was progressing nicely. They figure on completing about 20th this month. The State is pouring concrete for bridge and will place stringers on bridge this fall so it can be finished next spring early. Went to BPRS with Atcheson and discussed matters in general with him.

Oct. 10 - Went to Sweetwater via Bp. and met Ranger Johnson. Discussed general matters with J.

Oct. 11 - J. and I went up new wood road and discussed recent trespass timber there. J. had parties unload wood until settlement was made. Stopped at Wiley place over night.

Discussed grazing matters with Roach and Fredericks and timber business at Masonic with J.

J. has cleaned up front lot at Station nicely and will complete painting barn soon. Will build new corral near barn as old one is dangerous.

Cattle are being rounded off range and coming out in good shape. Discussed range reports with J.

Oct. 12 - General discussion of business and inspection.

Oct. 13 - Returned to Minden.

All of 1923 missing

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Feb. 5 - Went to Reno with FS reels of movies which placed with Grand Theatre. they gave them two running; 1 at 3 PM, and one in evening. Went to Reno Gazette and gave an interview regarding purpose of the same.

Discussed grazing matters with Messrs Day and Connell.

Feb. 6 - Returned to Minden

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Feb. 15 - Went to Smith valley to consult various G applicants. Saw Fred Fulstone in re exchange with A. V. L & C Co. He is not yet sure that he wants to make the change. I told him we would allow until last of month for him to decide.

Mrs. Rogers gives in improved land but it has not yet been improved. She plans to develop it this summer.

Lambing is beginning in the valley and some signs of green feed at hand.

March 12 - To Reno relative to land exchange of A. V. L & C. Co., and range allotment - also purchase certain Service equip. Return same evening.

March 14 - Ranger Atcheson and I went to Elissondoberry ranch above Dayton where looked over his lambing band and investigated suspected trespass (D-Seddary).

Detailed questions and investigations with E. tend to indicate that no trespass occurred. E. is lambing one band about 1200 at his ranch and has small yearling bunch, about 450 in hills close to Dayton.

Ford developed engine trouble en route and had repair made at Carson. Returned to headquarters same day.

March 25 - Ranger Atcheson and I went to Smith valley to investigate Seddary trespass (see case) and general matters.

Called on Seddary and interviewed him.

Conferred with F. Fulstone in re change of sheep range to near Bridgeport in exchange with A. V. Co. He is not willing to exchange thinking range too dry in midsummer; told him would not insist.

Went to Blackwell's ranch to confer with him on grazing matters; was not at home.

Saw Mr. Yeager who inquired as to increase of permit; told him no way open as yet but might be.

Went to Sweetwater where delivered load of supplies to SWRS. Went to Yparraguirres where spent night and conferred on range matters.

March 26 - Figured on going to Bridgeport; snow set in which blocks upper route. Called on Roach and discussed grazing matters and range rider for year.

He suggested that Fredericks gets on Sweetwater creek too early; I had no recollection of having set date there when he could enter, other than given on permit.

Returned to Wellington in heavy snow and had dinner. Mr. Beemer engineer of Irrigation Co. phoned in re special use for horse corral below the dam. I told him to send map of survey and that would probably issue permit.

Returned Minden this evening, found heaviest snow of season and very poor roads. ---Told Ranger J. to make SU report on phone line to Silverado. The storm at hand is a Godsend to the ranch and range.

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April 1 - Ranger Atcheson and I went to ranch just above Churchill where interviewed A. Sario and herder Arrand Arostugey in connection with D. Seddary G Trespass. See case for fuller data. Saw both parties and had very satisfactory result.

Came up to Elissondobby ranch where saw JE and had a talk with him in re DS trespass - see report on case for fuller data. Returned to near Churchill to reinterview above parties and thence to Minden where arrived same day.

April 2 - Discussed with county Assessor at Carson number sheep claimed by J. Elissondobby last year - 1100 head; has not yet assessed for 1924. Discussed the case with PC and returned to Minden.

April 3 - Ranger Atcheson and I made trip to dam site of Walker River Irrigation where investigated complaint of illegal fishing there. Looked over works, interviewed chief Engineer Beemer and thence to Bridgeport where had complaint arranged and B. placed under arrest. Case was settled same evening. (see case)

Conferred with Cohn in re wood cutting near Bp. Found is all outside.

Conferred with Beemer in re special use of land for corral. He will submit plat of their survey.

Brought up matter of fish ladder with him; the Co. will take steps to cooperate with F&G of Cal. and get plans.

April 4 - Tried to return via Fales; found large drift in road and came by Sweetwater; called on Philatros to discuss range.

Stopped at Sweetwater RS and discussed various lines with J. Returned to Minden same evening.

April 15 - Went to Sweetwater RS mainly for the purpose of helping Ranger J. in hanging sanitas wall cover. Discussed various District matters with him during remainder of day.

April 16 - hanging sanitas

April 17 - hanging sanitas until 2 PM when went to Bridgeport RS and brought Ranger Atcheson to Roaches for his horses. Took window for RS along; found that another party had entered station and stolen keys; also entered various boxes.

Stayed at Roaches over night and discussed range matters with him. Also range rider.

Talked with B. Chichester on matter concerning dipping of cattle and costs; he is having trouble collecting. Told him would interview Mrs. McKay tomorrow.

April 18 - Discussed matters with Johnson and with others at RS. Went to Smith valley; called on Mrs. McKay - asked her in re deposit on dipping. She said she would pay Chichester in a short while; said there was some difficulty regarding a bull C. had borrowed and wanted to figure this out of her share. Told her to make it a separate matter.

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Saw Mr. Yeager; he wants to take a few more sheep on his spring range and place there during shorter period; approved this. Returned to Minden this evening.

April 24 - To Reno where conferred with Mr. Metcalf of State Assn. regarding quarantine measures by Nevada and its connection with California.

Conferred with Mr. Sans of Biological Survey regarding predatory animals and mountain lion menace in Sweetwater country. General discussion on matter.

Secured some supplies from State highway Dept. near Sparks.

April 28 - May 3 - On trip to Monolake district. Lunched at Bridgeport and discussed quarantine with County officers; fish and game Commis. from Sac. at dam below Bp. to survey and plan for fish ladder in dam.

West Walker R clear and rather low; snow on hills looks like June 15 weather and condition.

Arrived Leevining RS in afternoon and discussed matters with Ranger Green. Following are main matters handled: Assisted in placing gate and portal at RS. Planned to replace posts around station - iron would be good and can get at Reno cheaper than can cut.

Green has moved south fence at RS to allow tourist camp more room across creek. Has constructed road there from bridge. Camp ground needs brushing and improvements. G. has built a number of rustic tables to place in ground. Need several new toilets and garbage pits.

The power Co. has just wired the RS and placed lights there. This is gratis as G. says and fine.

In cooperation with R. Curry, a permittee, we built a "Texas" gate in Reverse Cr. canyon to keep Curry stock from drifting on public camp grounds. Walled up pit and made good strong job.

Went to Summit lake and surveyed out a resort site for Scott. Has a very nice site and is going to expend about \$12,000. to complete this year - took some photos of place.

Took redwood pegs for staking lots along Gull lake; will make survey with G. this summer and lay out lots. Quite a little brushing has been done there and wood stacked. Went into detail with G. on work for fire guard in cleaning up brush, digging pits, etc. to keep him busy in connection with his patrol duties.

Reviewed new road to see what should be done this spring. It held up well during winter. Will require quite a little widening and flattening and surfacing across meadow above Silver lake where is naturally boggy.

The power company will build a bridge below their plant to keep travel away from plant and construct short piece of road incident thereto. This will be entirely their work.

Planned to get large "cat" and scraper on some of our maintenance and then complete with shovel gang. We set a number of new metal signs.

Carson has just been given PO. facilities at his camp. We looked out his sites and decided to enlarge slightly in order to provide for necessary expansion. Green will survey out and plat.

Discussed with Green the requirements on quarantine on sheep and cattle and general district business.

Returned to Bridgeport RS where spent night of 2d. Ranger Atcheson has erected one bulletin board which looks fine; is planning on painting Wheeler RS next week. The feed is coming along

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fine and snow well back.

Called on WH Roach and discussed quarantine of cattle. Said they had not yet river for SW range.

Called on Ranger Johnson. A bunch of cattle had just passed without having called for inspection papers. I had owner bring same to RS and told J that he must not overlook this requirement in future. Had general talk with J. and returned to Minden.

May 6 - Went to Reno where conferred with Dr. Records relative to quarantine matters.

He has authorized Dr. Baker to inspect stock from Carson Valley and Dr. Givens will take care of Smith Valley stock. Had general discussion of the matter.

May 8 - Accompanied Engineer Brown of B.P.R. to Coleville and points beyond Holbrook in review of proposed Federal aid road in vicinity of Topaz Lake. We made thoro inspection of route and prepared data relative to same.

May 9 - Accompanied Brown to Woodfords and looked over route leading from Minden to Woodfords; arranged data relative to same.

May 14 to 17 - On trip to Bridgeport District. Arrived at Wheeler RS where conferred with Ranger HWA. The water at that spring is just a trickle and not fit for drinking so planned to have it brough from Junction. May place barrel soon and filter into it. Have never known to be so low. Painting of RS in progress and took additional supply from Minden.

Went to Bridgeport RS with HWA. The forage on ranges is not developing well and only good rains will prevent a shortage.

May 15 - we went to Virginia creek where conferred with Messrs Foster and Fostler in re resort site. They have moved in and plan to develop site.

Found corner and surveyed out line adjacent to McKay land which latter partly examined for grazing resources. Ran line to V. lake and survey out and marked resort site. Will plat on return to headquarters. Discussed various features with them relative to development of site. It is rather remote and road poor.

May 16 - We returned to Green Creek power plant where had talk with F. Yparraguirre. Says they plan to build line to Sweetwater; told him would be necessary secure Power permit. This was started some years ago but not finished.

Went up Green creek to Special Use of Foster. Talked over the development of his site and explained various matters with him. Has nice site.

The road up creek needs some work; mainly removal of some big rocks. Told HWA to expend \$30.00 on this.

The high snow is well back and very loose. Upper country has much appearance of July. Fear forage will suffer.

Returned to BPRS via Bridgeport where we got word of fire near Junction. Arrived Wheeler 10

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PM and in view of fact that light rain had cooled air and no wind, decided to take early start for fire next morning.

May 17 - Left early for fire; had hard scramble to reach it and remained there until PM when was entirely safe. HWA and G.L. remained on patrol.

Returned to Minden same evening.

A. Pitts wanted to go on range with cattle early; told him would not permit same until later if at all.

May 21-22-23-24 - On field trip to Sweetwater District and in conference with Ranger Johnson. We went to nine mile ranch to count Fallon's cattle which J. said were ready. Did not find them bunched and would require a couple days to do so.

Went to Aurora to ascertain forage conditions and see if transient sheep were near the boundary; not yet close. Feed looks fair and not yet showing drought.

Stopped at Fletcher's station on return and conferred with J. Girraud and Fallon's representative. They are shearing at that point.

Took early start by saddle for Desert creek territory. About 7 AM when some miles north of RS saw smoke near band sheep. Rode over and found herder had fired a tree and left it to burn. Got herder nearest and compared his shoe tracks with those near the tree, was not his. He informed us that was band just ahead. Sheep belonging to CE Day and father.

We figured that band would camp at Sweetwater for night so after putting out fire resumed trip. Cattle are mainly over SW flat and forage looks fine; quite a little blue grass among brush. Herder has placed salt out on this lower range.

Rode via dry lake to Desert creek at lower end of range. Nice little meadow there well adapted to small administrative pasture.

J. will construct as has sufficient wire. Is necessary in working the lower ranges there and will also serve as drift fence for cattle. Rode up Jackass creek via new trail. Feed is very good and not yet showing drying out.

Rode up to Jackass flat. McKay sheep were not there but lower, toward river. Viewed quite an area of range which should be included in spring range as becomes dry toward June 15.

Rode over to Desert creek via new trail. Trail is quite well laid out and suitable for purposes desired. A few short places that might be improved in grade.

Encountered fresh bear tracks on Desert creek trail. This is rare in this territory.

In this upper country the forage has not yet advanced and a few head of cattle have worked up, passing good feed. No salt yet placed here but is lower down. J. will get couple of cooperators and put wire on new drift fence early in June. Rode up over SW summit at 10,000 where called at mining camp. They have a very isolated location. Snow going fast and by July 1 will be all off from present appearances.

Rode down SW canyon. Some cattle already here and feed in lower end well along.

Returned to RS at 7 PM.

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Found corral constructed in SW canyon which is not under SU. J. will report same.

Morning of 24th we went to Conway bridge where found the herder who set blaze yesterday. He admitted having done it, knowing we had the information. Gave him some advice in Spanish and informed him that he would be called on to settle damages. Took his name and man working for. See case.

C.E. Day and his father permitted their two bands of sheep to cross portion of cattle range in passing thru. This is due to failure to get crossing permit and Ranger did not know the sheep were en route. Will write him.

A. Jensen, Jr. discussed his range and will develop some springs there. Wants cooperation; told him would try. This is good year to see what springs are suitable for development.

Very little larkspur is appearing this year and no loss has yet been experienced.

Jensen will place his horses under permit on high Masonic country as they have bothered Yparraguirre some near the Elbow country.

Johnson will interview Mono Mining Co. in re permit for power line they are preparing to construct. This matter was started few years ago and halted by the Co. They now plan to go ahead with it.

Yparraguirre and Fredericks are shearing by machine at Y. ranch.

Johnson will go ahead with drift fence, boundary posting in Masonic country, counting stock and fix up few reports on S.U. Had general conference with him on District work.

Noted a stock of alfalfa growing at SWRS where had no water close. May be possible to sow this in front of station as the lone plant was thriving well and had rooted in lower moist strata.

Feed in RS pasture is excellent and spreading around the edges. Shows what protection will do.

Conferred with Yeager at Wellington on help to place wire on drift fence. He will get McKay to help also and will notify Johnson.

Told Y. he could go on his summer range about June 10. Returned to Minden 3 PM, May 24.

-----Johnson had counted the Wilson cattle into Forest; was advised that permit not yet issued - told to be sure of this point in other cases.

June 2 - 7 - on trip to Bridgeport district working on and getting the land exchange party established.. We completed the timber estimate of lands owned by the A.V. L & C. Co. in West walker, Lost canyon and near Fales.

F. A. Barnum of Tahoe was assigned on timber work and Geo. Miller of DO. on grazing work; Miller will go ahead with this work during June. Ranger Atcheson and Guard Levalley will help on it as far as other work will permit. Levalley, probably all time.

The forage is drying up rather fast and has developed to stage of late June on ordinary years. Large areas in Lost Cannon and Mill creek are of early feed and stock now entering. Found boundary on lower Lost Cannon had been removed and Ranger A. will repost as soon as can arrange. Has good luck in finding corners.

McKay called in re additional stock on range for Yeager. In view of season, was not favorable to same; said they were short on lambs so authorized 500 extra which will send 861 for.

F. McKay brought cattle to range while there; did not have cert. to show that had paid salting;

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required him to go get it.

June 11 - Assisting Nevada officials in trout planting on East Carson near Young's crossing. River very low and prospects that fish will suffer before season ends.

Spotted fire to south and east; on reaching high point observed that it was in locality of Mountain House, outside Forest.

June 14 - Left Minden 6 AM for Sweetwater and Masonic fire. Arrived SW in 3 hrs and thence to the fire. Ranger J. had not yet been communicated with as was in Aurora country.

Rode to Masonic thru part of line and then to Chemung region where it started.

The general idea of people of that locality is that Tom Calvin who is in charge of the Thor Mining Co., set the fire in order to clear off brush. It had covered about 3 sections and was pretty safe except a point on west end.

I went to Calvin's camp and interviewed him. He said a man had called at his works same morning as fire and wanted work. C. stated he went across country near origin of fire. This seems very impracticable to believe as was a rough route and roads were available; could not find anyone else except an Italian who "stood in" on this story.

Sent Calvin to fire line and went along to a point where it seemed to be coming up again.

Has been very windy during week and fire swept rapidly. When arrived at fire origin, noted what seemed to have been a former recent burn immediately around the tunnel. Calvin and his Italian said that no former fire had occurred there and all signs belonged to last one.

Went over to Chemung camp nearby and interviewed men who had helped on fire and got "time" of same.

They stated that a former small fire had been there. It seems Calvin wants to lie out of the whole matter.

Went over to Faudry camp further south and saw A. McMillan who said a fire had previously burned there.

Returned to Sweetwater thru E. Walker road and stopped at Fredericks ranch where later met Ranger Johnson who was returning from fire line.

Told him to make his main fight beginning about sundown; then to place patrol on line in morning. Ground very rocky in places and strong wind made it very difficult to fight in PM.

Fire was in very good shape by evening. I returned to Minden 10 PM.

June 17 - 18 - made trip to Sweetwater District mainly to round up responsible persons for fire.

Stopped at SWRS where found Ranger J. and we went to the fire area.

Saw J. M. Bryan at Masonic but he gave no evidence of value. On way up hill met T. Calvin; J. furnished his Co. with sale for mine timbers applied for some days ago. We asked him again if a former fire had occurred near mine; he said had not. Seemed rather suspicious; did not ask many questions as wanted to get further statement later.

Went over to Mine, checking up outline of fire area en route. An Italian - Christo - had tunnel contract. On arriving at tunnel I again asked him if a former fire had been there a few days

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previous to last one; he said had not. The tunnel had been started on hill slope and entered hill prior to last fire as I had observed on previous trip. I noted burned stubs sticking thru dirt of previous digging and on removing other dirt found more; took photo of this.

Ranger Johnson was with me. I showed this evidence to Christo who then placed his hand over his face, half laughing and said: "By - G I no can fool you, no use to lie any more, there was another fire here few days ago." He then turned to Johnson and said "I no can lie to that man, I can tell by his eye he will 'get' Calvin."

We found name of another miner who was employed at this mine on day of fire; Johnson will interview him as is now working in another place in Sweetwater mountains. He can no doubt testify as to fictitious man who is supposed to have passed by the mine and set the fire. I asked Christo why Calvin had not secured permit to start the fire, he said "I don't know." Christo has a very lucrative contract on this tunnel which we learned Calvin is trying to break and give to another party. If he does, the Italian will "tell it all." Johnson will keep track of this.

Returned via Faudry camp, near which J. had been recently posting boundary. Then to Bridgeport where interviewed District Attorney Hayes in re the fire case.

Came back to Sweetwater RS and discussed general matters with J.

Outlined reposting driveway which had been somewhat burned over. Saw a Mr. Eastman at Bridgeport who had started the tunnel; he said it had been fired by Calvin before he began work. He did not see C. actually set the fire.

Told Johnson to get the drift fence up next job and he will do so.

It seems the driveway was of much value in controlling the fire and held from running up to Masonic. There are a number of claims located on burned area.

Stopped at RS tonight - 17th and next morning helped J. to make out fire report. Returned PM to Minden.

June 23-27 - inclusive on trip to Bridgeport and Monolake Districts with ADF Barrett.

Stopped at Chris Flat and Piute public camps and looked them over. B. suggested change of some signs at CF and found other matters in good condition.

Arrived at BPRS where found Ranger A and land exchange men and discussed matters and went over work with them. Showed B. the general locality of lands offered and proposed location.

24 - Went to Greencreek where looked over lands offered in the canyon and scouted for corners. Helped fix fence at pasture and went up to Foster and Bacon SU. Found latrines in poor shape and will send them plans for standard structures. Discussed pasture permit with Wedertz; he claims Foster is taking too much from them in pasture; investigation did not show that such was fact.

Meadows and side hill range becoming dry and sheepmen complain that sheep are hard to herd owing to dry feed.

25 - B. and I went to Monolake Distr. Stopped at Tioga Lodge and at Leevining RS where met Green. Went then to Silverlake where met Supv. Jones and Simpson of Inyo, and thence to Gull Lake where had conference regarding lookout for Monomills and Deadman territory. Seems that one patrol will not be adequate for both and decided to place our man near Gull Lake where is a

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peak of vantage and phone handy; also men and cars will be readily available near his station.

Looked over Gull lake camp with G. and B. and planned on development. Scott has made fine progress with his resort at June lake and has expended some \$14,000 this year on same. Allowed him to place sign at forks of road directing to his camp. He is going to build two public toilets near his site.

Looked over his extension and some lots for summer homes north of him. Green will survey.

The Reverse creek road is fast becoming cut up owing to very heavy trucking to Silverlake. Interviewed men responsible and will have them repair at once. Is especially bad over meadows where ruts are deep and some bridges broken.

Discussed extension of Carson use; not immediately necessary. Inspected Rush creek canyon with B. and decided on improvements to be made there this year.

Discussed range with Blackwell and told Green to make certain adjustments.

Green reported that abandoned quarantine station at Tioga was in poor shape; will require this cleaned up promptly.

Plan to return to Monolake district in July and take up a number of duties with Green; such as surveying out resort and summer home sites.

We returned to Bridgeport RS on 26 and on 27 to Minden.

July 2 - Took Guard Byrne to Bridgeport RS where Levalley picked him up and thence to Monolake.

Wanted to get him on patrol job by July 4 in Monomills tract. Gave him outline of work and explained definite duties.

Discussed land exchange with Atcheson. Good rain near Junction; wet ground down 3" and ran in roads. Returned to headquarters in evening.

July 7-8-9-10 In company with Mr. Hill to the Bridgeport District, mainly in consideration with land values on Antelope V. L & C Co. exchange.

Went over considerable portion of the Burcham range and Wheeler Flat as well as lands up the WW canyon; discussed values and methods of arriving at equitable exchange.

Went up to Willow flat and portions of Little Walker cattle range and discussed handling and management of the range; Hill thinks should have an extra rider in order to control drifting of stock on meadows. The examination was rather brief and did not allow as full examination of range as should like.

Some salt boxes too near meadows and probably not the attention to placing salt in logical places for range during this dry year.

Meadows and hill feed drying up very badly and conditions at least a month advanced.

Received word of new outbreak of foot and mouth on Stanislaus which gave our stockmen much concern especially in view of possible contact near summit.

In company with F. Settelmeyer, went to Bridgeport and discussed matter with Board of Supv. then in session. Asked for their cooperation in case thought necessary to place a summit patrol to prevent cattle drifting over this side.

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Saw Dr. Duckworth of Cal quar. who is stationed at Bp.; discussed methods of control.
Atcheson will ride the summit and ascertain whether there is any drifting now and if there is will report to Dr. D who will arrange for patrol.
Sonora road recently closed to travel which will be a great protective measure.
Discussed range management plans with Hill who has given us much good dope.

July 18 - Went to Woodfords and vicinity; posted large "Campfire permits required"; one on board at boundary.

July 21-22-23-24-25 Trip to Monolake District.

Stopped first night at Pickel meadows where conferred with Ranger Atcheson who is starting the cabin at that place. Talked over plans and in re range management as per prescribed form.

Quarantine of stock on summit discussed.

Went to Silverlake where spent several days with Ranger G.

Saw Mr. Waugh and the Pres. of Co., they discussed briefly the condition of Reverse creek road and indicate its poor cond.

Went over it same afternoon and found that practically no steps have been taken to fix it; in fact it is in poorer state than before; bridges and culverts broken and many deep ruts.

Will take up definitely and told Green to see that they get busy promptly.

We discussed trail maintenance and G. has crew on trail above camp; will not require much work on Rev. Cr. S trail but main work will be on the Silverlake-Gem lake where are few bad places.

Guard Byrne has looked over quite a little country in the Monomills territory with view of getting familiar with the layout; he has cleaned up some brush at Gull lake.

Green has man on latrines and has those on Rush creek complete and at Gull nearly done.

The job is OK and expense not high.

Latrine at Silverlake not yet moved; G says is hard to get man to do it - told him to endeavor to get it done soon as is badly in need of change.

Garbage pits full at Silverlake; told G to employ a man for about \$25 and have cans moved out.

Many campers at Gull lake; some carving and mutilation of trees in evidence. Needs fireplaces there and garbage pits also.

Hauled material for bulletin board; those up look OK but need some paint and more data on them. Will send paint for them and for latrines.

Green and I surveyed out a number of lots and staked them. This will take care of the demand for present; plan to do more in August when will make a more detailed review of the development of sites and relation of public to leased areas.

Scott is progressing nicely with his resort.

Mr. Lane discussed land exchange of small tract near Walker Lake. He has bought the tract near lower end and wants to rearrange it. Am not very well impressed of advisability of change but told him if he wanted to apply to do so; explained the method.

Ranges are drying out badly in all parts. Light shower recently near Silverlake.

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Returned via Sweetwater and spent night with Johnson at SWRS. He has man started on Rickey mine trail; had not been given an allotment; told him that such must be had prior to such work. J. will help out on this work. Discussed range management plan and went over forms with him.

He reports Masonic range practically without water and cattle are straying badly; Nye canyon also short on water.

Jensen has placed troughs in Masonic creek but very short flow.

Pasture at RS in good shape and told J to conserve it as much as possible in order to save on forage this fall. One can usually hold horses here until last of year with small quantity of hay.

Returned to Minden where had appointment with Quarantine officials.

July 29 - Trip to Hope Valley and Blue Lakes. Mainly in connection with inspection stock for foot-mouth. Veterinarian looking over Dressler sheep near Blue Lakes.

Inspect timber sale - Hellwinkel at edge of Hope Valley. They are sawing longs (logs?)* at present and have sufficient trees felled to keep busy for some time.

I want to help in next marking in order to secure a better selection if possible, of decadent stuff and to thin out in a few places where looks advisable. Stumps low and utilization good.

Looked over Kit Carson camp. Looks like some tables are missing and those we built last summer are too bunched at Merrils. Camps need additional garbage pits and fireplaces.

Forage en route to Blue Lakes is dry but will hold out for some time to come. Ruhenstroth's herder says lambs are looking fair and forage not so bad. Blue Lakes very low; down to dam level.

Came over old road or trail from Faith valley to Bamerts. This should be good route to consider if road were made into Blue Lakes. Better grade possible than via present road.

August 5 - Went to Markleeville where conferred with Ranger Clark on general matters; we went to Hellwinkel sale at Hope Valley and inspected sale.

Marked additional trees and discussed marking with Clark. There are several large overmature trees of poor form on area while are not suitable for saw material which he will try and sell to other parties for cordwood.

Mill not running very full and logging difficult owing to large rocks.

Brush being piled behind logging.

Discussed general district matters with Clark.

In PM heavy smoke came over from upper country; called up Blue Lakes and found is from fire on Stanislaus.

Clark will tackle land examination for AVL&C Co. lands in few days. Removed advertising signs in Woodfords canyon.

Tables seem to have been removed from Kit Carson camp and could not find where had gone.

Aug. 7 - To Tholke sale area near Diamond Valley where went over cutting. Jeffrey pine mostly mature and spiked. Marking done to remove this. Brush piling not kept up in all cases but probably will be when material is removed. Brush of pinyon scattered over area as per practice.

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Aug. 9 - Upper Carson Valley - foot & mouth quarantine.

Aug. 11 - 12 - on field trip with Woodberry. We looked over sale areas in Alpine District above Diamond Valley and in Hope Valley in company with Ranger Clark.

Comments on these areas made on memo which was furnished Ranger. We discussed various matters relative to -S-.

Aug. 18 to 22 - on trip to Bridgeport District. In conference with Ranger Atcheson and in field with him during this period.

Land exchange - Look over portion of proposed exchange and determine tentatively where shall apply exchange; plan for examination - will defer until Land office makes survey of certain tract within the area. This plan for early Sept. A. will stake off west line of area and flag it for ready reference in examination.

Stock driveway - maintenance now being made on this; rocks on grades removed and conditioned; Levalley and helper are doing this. Work OK.

Quarantine - for foot and mouth maintained along summit and stock held down from same. May require us to arrange for extra range on cattle allotment.

Little Walker - range drying out fast and cattle beginning to show effect. Arranged to place them on private land of J. Sario who will place sheep on cattle range in exchange. Atcheson will take care of this. Both parties seem willing and the exchange is good.

Gull Lake camp - Mr. Scott called and discussed proposed sale of his improvements at Boulder Lodge. Discussed plans of this with him.

Fish planting - A number of trout have been planted in upper Walker; water very low. The planting of upper Walker above falls has been very successful and about 5 miles of formerly barren stream are now very well stocked. Species E. brook. Stream formerly tried with other species without effect.

Upper Walker trail - looked this proposition over and discussed it. Leads to Piute from Poor lakes. The western route is very rocky and hard to maintain. This will be next year prop.

Painting - Atcheson will tackle painting Bp buildings in Sept. as later weather conditions are not favorable. Paint will be shipped soon.

Pickel cabin - is completed and a very good job. This house will be of great service. A corral constructed around the cabin and toilet provided.

General range - Ranges are very dry; springs are beginning to come up. Cattle are just holding own and will have to be removed soon; sheep are holding better than expected and lambs going off weighing 75# average.

Aug. 25-26-27-28- in field in Sweetwater District with Ranger Johnson. Rode over portion of high cattle range near Desert creek and found usual dry conditions but cattle not yet showing forage shortage much; meadows short and dry while much of brush is drying up and leaves falling off. The iris has not seeded much this year and the result may be beneficial next season.

Went over trail where repairs have been made this season; the work is good and trail in good

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shape from Rickey mine south.

Ranges on east slope of Sweetwater very dry and lambs removed. Lambs weighed scant 60#.

Mono Mining Co. constructing mill in canyon of SW slope and pole line being built. The Mgr. has a wild idea of using an airplane in his business and wanted to burn off about a section of brush for landing field. Told him could not approve this as we required all the forage available.

We went to Jensen ranch where they were parting out beef steers; about 5% of stock have eye infection and was told that this was prevalent in stock of Morgan and Wilson. Will report to State veterinarian. Mentioned the fact to Dr. Baker last evening; he said was not dangerous but effect was bad for stock and would eventually "work out."

Jensen has lost a few head cattle from Cyanide poison at Chemung mine near Masonic. Had analysis made. The property is bankrupt and poison due to temporary overflow of tanks. This will not likely happen again. If mills resume will have it looked after.

Johnson has recently posted boundary back of Aurora on Excelsior Mtn. area. Has also reposted Wichman cattle range.

The paint of house on southern exposure should have coat of boiled oil which will greatly preserve it. Will get this and have J. put it on.

He is digging cellar near house which is badly needed. Will furnish redwood planks for lining and roof.

We looked over possible spring development north of RS. The distance is about 1/4 mile; told J. to prospect this out and report findings.

Jensen has installed troughs at Masonic and pipes and barrels in red wash for cattle range water. J. will look out possibilities on eastern end of range.

Sept. 2 - at Reno connection with improvement work and securing certain equipment.

Sept. 4 - to Markleeville where met Ranger Clark. We went to Bigtree summit near which looked over prospective site for summer homes. The locality is about 1/2 mile below summit and offers fine view of Raymond peaks; also nice shelter of Red fir and hemlock. Site rather high but have an application now on file. Good water from springs and cover not of any appreciable forage value.

Very dry on summit and encountered number of hunters who had not seen any tracks of deer. One party saw four bear at an old cow carcass south of Nobel canyon.

Kinney lakes dam crew just moved out after finishing job on reservoirs.

Saw some Scossa cattle near Silver Mtn which looked very good shape; meadows mainly dry. Tryon just moving his sheep out for the summer.

Clark wants to complete Burnside trail this year and will try and give him enough funds as now has man on work.

General discussion on District work with Clark. Returned to Minden in evening.

September 8 to 13 - on trip to Monolake District where conferred with Ranger Green. Took supply of paint for new latrines which have been constructed there this year.

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Green and I went to new Leevining power plant. Saw Mr. Waugh and advised him to wire for advance construction of their pole line they desire to build. They are now working at it over their land. Plant nearing completion.

We went to Tioga lake where reviewed resort site applied for by Gardisky. Saw him and discussed various features. Power Co. is building new road around Ellery lake; good piece of work and nearly finished.

Returned and went to Silver Lake. We surveyed out cabin site for Ramsey on edge of Gem lake where he wants to build cabins for tourist shelter. Looked over trail from Gem lake to Agnew pass. Grade rather steep in some places. Green had not filled out construction form for this project. Work nicely done and Green will have a number of water breaks placed.

We surveyed out a number of special use sites at Gull and Summit lakes, most of which have been applied for.

Looked over Rev. Cr. road which is in bad repair owing to heavy hauling.

We decided that, owing to very dry condition and the fact that quite a lot of hauling is yet to be done and also since tourist travel is light, would not require fixing until after first storms. McCutchen, a contractor who has done the damage was sent for and our plans given him. He will have work done as we suggest. Will place under bond for compliance.

Tourist traffic now light; mainly hunters at camp grounds. Green had Silver lake grounds cleaned up. Did not agree on any advance cost and told him this should be done in all cases.

Discussed the fire they had near Monomills. There was some misunderstanding on receiving report; G thought was on Inyo and burned some time before was found to be on Mono. Told him we should assure ourselves beyond doubt in all such cases and was luck that no serious results followed.

Byrne should have gathered crew as per my written instructions and gone after it. The Inyo saved the day.

Green and I went to Monomills and took measurement on Sand flat creek which Olcese has applied to appropriate. Got very good measurement 0.23 sec. ft. flow.

Shipped trail equipment to Minden.

Most of stock has left ranges owing to dry condition.

Discussed range management plans with Green as per outline and impressed him with necessity of getting data in shape.

Sept. 22 - 27 inclusive on trip to Bridgeport District where was with Ranger Atcheson. We inspected the Little Walker cattle range. Feed in most all places dried up and cattle not getting any feed to speak of; are mainly on hill feed. Are being worked out and placed on fields belonging to J. Sario. In exchange, S is allowed to graze sheep there until cattle will be taken from his field. Is good arrangement and should work if desired any year as would hold good meadow feed for Sept. and early Oct.

Chichester wanted to feed there but was not permitted to do so because his range was not shorter of feed than the average.

Trail from Wheeler south is being improved and A plans to carry this to Yaney canyon next year

which will greatly facilitate travel for Admr. and range work. Work not difficult to do; mainly brushing and some minor grading.

Inspected site desired by C. Lewis near Willow flat where cabin and small pasture is desired mainly for trapping and prospection. Plan is OK and will provide facilities for us free.

Inspected Burcham range. This has been fed rather lightly in places owing to shortage of water. Looked out features of the proposed land exchange and tentative allowance which figures out very equitably. Will likely want to eliminate some timber at north end.

Rode over portion of Fulstone range where previous reductions were made to allow range to reestablish. It has come back nicely and plainly shows result of lighter stocking.

Looked over Bridgeport RS buildings. Painting sides are done and work looks very good; are awaiting roof paint which hope to use before storms set in.

Helped to plant 93 cans trout which came in and were placed in West Walker. Lock Leven in poor shape and from past experience do not believe are good carriers as all conditions were good. E. Brook - rainbow and steelhead all fine shape.

Should plan to have car held over at Minden and shipment to start early morning which would allow less hurry. Was after dark considerably when planting was completed.

Sept 29 - 30 - with Bowlus on road and trail work. We went to Blue lakes and looked over proposed improvement of road to that place. Discussed trail work of Alpine District.

Went to Bridgeport Distr. where discussed trail and driveway work and to Sweetwater where looked over plan of improving road and trails. General discussion of needs and policy which was glad to have.

Oct. 4 - to Reno in connection with land exchange with AVLCCo.

Oct. 6-7-8-9-10 trip to Sweetwater District in conference with Ranger Johnson.

Went to Hawthorne to investigate reported wood trespass; it appears that cutting is being made to north of Forest and no violation was found.

Helped J. lay floor and linoleum and install range in kitchen. Discussed various matters with Johnson:

Counting reports; he did not fully complete data when count was made; explained in detail what was wanted and when.

Crossing permits not fully stated.

Certain letters not stamped when received and in some cases no copies of reply made.

Explained tht prompt reply must be made to letters requiring it.

Told J. that he must submit diary and Form 26 more promptly and that further delay would hold his salary back.

J. employed two trail workers at appreciably higher wages than they warranted.

Will make his future authorizations quite specific in future or until he shows better economy.

Plan to send posts for driveway and discussed route.

Many persons getting out wood in Sulphur canyon. The Plymouth Co. banking out wood near

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boundary. Looks like they have too much and told J. to check up on this and report findings.

Heavy storm; rain and snow fell during part of trip which wet ground down quite deeply.

Cattle are being taken off range.

P. Simmons reports that there is a very good piece of feed in portion of Obanion canyon, within Wedertz range which has not been grazed. Told J. to look this up and explain to W. that he should have fed this. It would be most logically taken in late May or early June on spring range.

October 20 - At 9 PM phone report came from Elges ranch of fire west of his place in Forest. Immediately started to fire which was fast enlarging owing to very strong wind estimated to reach at times velocity of 50 mile per hour and gusty.

Arrived at ranch where about 12 men had assembled for duty. The fire was confined now to canyon and wind from west. Learned that it had started from defective chimney on woodcutters cabin and that two men and three horses had fight to get out.

Owing to continuous strong wind did not attempt to place men on fire as would have been futile.

Three ranches on flat east of fire would be in great danger if fire got into brush. Made plans for back fire in case of necessity even hazarding ranches in effort to protect them.

About 2 AM the wind had lowered sufficiently to place men on line which did and by daybreak they had a line along east side which held.

Got word of fire just north of Markleeville; found that Clark had promptly taken charge of this but the road into Mkv was cut off by fire for while. Men from Woodfords and that territory attacked it from north.

At 3 AM left first fire above and went to Minden. Phoned 5 ranches to send men to Mkv fire which looked bad.

Each ranch responded promptly. At 7:30 AM on Oct. 21 left for Mkv fire with additional tools.

Found pretty well under control. Scouted around it and got in touch with Ranger Clark who was directing men. Placed main force on west side where it was entering Forest.

Remained on line until 3 PM when Clark had arranged for relief of patrol.

No good clue of how started unless was from a burning log of fire which had burned outside forest some 10 days ago and was rejuvenated by strong wind.

Returned at 3:30 PM to first fire and found it well under control as patrol was on it all day. About half dozen standing snags within line burning.

The recent storms assisted materially even though wind was severe.

Oct. 22 - The Mott's canyon fire seemed to be sprouting out again on one place, probably due to an interior tree having burned and rolled.

Went to Mottsville and secured eight men to retrench the south line and a short one to the north. This should completely corral it with practically no wind blowing today.

Oct. 24 - In field gathering data on time of firefighters.

Oct. 30 - Received notice few days ago that D. Seddary was close to line of US land or possibly

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on it near Sheridan.

Went over to the Forest boundary today and found the band of sheep belonging to Seddary and the herder.

He had a few sheep over line and I explained to him that the sheep must be kept off. He seemed anxious to know where the line was and promised to stay out.

This private land which is intermixed with US land should be surveyed out and posted in order to show just where it is located.

Nov. 1 - Went to Centreville where measured and stamped cordwood of Hellwinkel sale.

Discussed grazing matters with G. Hussman - relative to his range on west side of valley. Stated that proposed to have the private land surveyed out and Gov. marked this winter.

Dec. 20 - Attending meeting of LW stock Assn at Wellington, Nevada

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Feb. 16 to 28 - At Ranger meeting in S.F.

Mar. 5 - To Reno - mainly regarding proposed repair to FS Ford; consulting with state agency as to discount possible for Ford parts - can get 20% off.

March 19 - Went to Heenan lake with J. B. Dangberg to look over reservoir there. Snow about 2' deep around site and promises to fill reservoir this spring. Heavy snow broke down quite a little of phone line above Markleeville. Snow still on a short way above Loope.

They have made a number of lateral ditches leading into the reservoir some of which may be inside Forest. Hard hike thru snow.

April 2 - To Carson in re Bills relative to Gas tax.

To Reno purchasing equipment and relative to borrowing road equipment from State for Sweetwater job.

April 8 - General grazing data around Carson Valley.

April 10 - 11 - To Sweetwater - Stopped at SWRS and talked over general matters with Johnson; got lineup of meeting for tomorrow. Went to Yparraguirres and discussed grazing matters with them.

11 - Went early to BpRS where got Ranger Atcheson and returned to SW in time for stock meeting of Sweetwater cattlemen.

Had very interesting meeting with nearly all members present.

P. J. Conway has taken back his ranch formerly held by A. Jensen. He wanted his grazing preference back but told him since matter came up later than March 1 we could not do anything

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for him this year at least; told him he had waived his preference when ranch was sold.

Capt. Boggs of Mono M. Co. appeared before meeting and discussed a landing field on cattle range embracing 1/2 square mile. Was placed before stockmen who discussed it from various angles and finally agreed that it would not harm them appreciably. I told Boggs that it probably would be allowed under SU.

Discussed change of sheep range of Fredericks; giving him exclusive use of Sweetwater canyon in lieu of range to north of same. Change will probably be made as will lessen perimeter and facilitate handling of two ranges.

Considered pasture on Desert creek for range rider. See minutes of meeting for more detail.

General discussion with Ranger Johnson.

Went over Sweetwater road to see what maintenance was advisable and discussed with various ranchers.

On returning home Ford lights suddenly went out and car ran off grade near Carters. Managed to steer it so did not turn over but went down a 45 degree grade into pinenuts. Waited for passing car who helped me out and nothing broken.

April 18 - To Antelope valley; discussed Land exchange with Mr. Plummer of AVCo., He says they are still willing to go ahead with this. Told him we would finish examination as soon this year as possible. Told him we had tentative plan of area we would offer and would have them look it over this summer.

Went up W. Walker canyon half way to stock bridge. We will have to do some minor repair to this driveway and fix approaches to bridge.

Early feed coming nicely in Antelope valley and stock doing well.

River does not show very great rise for this time of year.

April 30 - May 1 - To Antelope valley and Junction where spent night.

Reported that McKay's cattle were grazing in Slinkard valley and running over Powell range somewhat. Will bring matter to attention W.J.C.

Several permittees Littlewalker want to get in early. Present condition not very favorable altho fed may develop enough to allow by May 25.

Snow is getting back fast for this time of year.

Met Ranger A. at Junction and we discussed general Forest business. Have paint on way for Bp. station. We tried our luck angling a while; poor luck with river muddy.

May 15 - To Smith Valley - general grazing matters and timber sale.

May 20 - 21 - To Sweetwater where meet Ranger Johnson. Went to Mono Mines and look over the works. Inspect aviation field which the mines people are developing under SU - have done quite a little clearing of brush which they find is costing quite a bit. The field will cost about \$2500 to clear, according to the Supt. Will not require much leveling. Forage value of site is low and was look into.

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Johnson has posted the driveway from Sweetwater to north. In good shape. Is working on Masonic driveway now and will soon complete.

He told me that the Conway cattle are working toward their old range. Told him to see Conway and definitely tell him that this stock must not be permitted to drift on Forest land; to see that it does not.

Yparraguirres claim to be unable to feed Bald Mtn with sheep this spring owing to lack of water; past few dry years seem to have dried the springs out.

Forage in Sweetwater District looks prime and best in many years.

In company with Johnson and Roach looked over road below Sweetwater with view of repairs. Went as far as Compston Ranch.

Mineral County has not yet stated what share they would give in this work.

Cattle on range all turned out and well distributed; rider employed and now placing salt on low range.

Stock look quite good at this time. Quite a quantity of larkspur among brush but feed is well advanced and renders danger light.

Went to Bridgeport and to RS where met Atcheson. Talked over general matters with him; has good start on season work and nearly all signs up and fences, phone, and buildings in fine shape. Is ready for stock to enter now and will take up G - management plans.

May 23 - To Carter Station where secured specimens of Pinus monophylla in request of Dr. Meinecke. Sent same to Washington.

May 26 - In Woodfords canyon and Hope valley where replaced a number of signs and quite a few new ones.

Forage in Hope valley coming along nicely and is well in advance of normal years.

Met Dr. Mitchell of BAI and discussed foot-mouth situation in Alpine county.

He will be stationed in Alpine this summer to look after that prop.

May 27 - Upper Carson Valley in connection with range development problems. See memo.

May 29 - To Tahoe via Kingsbury - looked over work of new grader up Kingsbury. Road in good shape and new section will be quite an improvement.

June 2 - To Woodfords canyon where met G. Merrill and discussed proposition of Justice-of-Peace for Alpine Co. The present one has position at Twin Lakes and in case of Fish-Game or Fire violation would not be readily accessible.

Merrill is member Board Co. Supv. and explained situation to him; said they would be glad to take some action to better conditions when board next met.

We looked over several proposed camp sites and M. said he was sure could lease out a number if were surveyed. Will try and have this done soon as seems advisable to do so.

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June 4 - To Woodfords and Markleeville; discussed with Ranger Clark proposed survey and development of camp sites and tracts above Woodfords. Also reported trespass G - in Slinkard valley. C. was starting on trip to that region this morning.

General talk over grazing matters. Went up above Mkv and inspected Camp Wells. New fire signs have been placed up river region. Camp is in good shape to begin season. New board posters seem to have been too much grouped and should have been distributed around over camp ground more.

New snow on hills close by with storm general.

Feed everywhere is excellent and stock coming in. Saw Dressler who wants to have private land permit switched from S. to Cattle as has reduced his flocks.

June 7 - Up W. Walker to Junction. Conferred with Guard Loyalley and several stockmen. Quite few campers along river. Jacobsen cattle going to range. Pitts says that their bulls are not OK and will object to them going to range.

June 9 - To upper Hope valley. Conferred with Dr. Mitchell of BAI in re f&m. He says heavy snow mainly along summit will tend to reduce danger. Asked him reference to report that there was some antagonism to the work on foot and mouth; could not get any lineup on such..

Dressler taking cattle to Charity valley; drive near Cold spring.

Timber sale area and sawmill being cleaned up as fire preventative. Brush practically all disposed of and in good shape.

Noted two recently-killed Jeffrey pines in Woodfords canyon floor which will be readily accessible for fuel. They should be removed this season; probably bug-killed.

Perry cattle are on range and forage in general looks fine.

June 12 - Clark and I surveyed out and marked with redwood posts 6 lots for summer home sites in Sec. 33 of Woodfords canyon. Have had inquiries about this and are now ready to lease them.

June 14 - July 6 - In San Francisco, work in office.

July 16 - On trip to Sweetwater District where met Ranger Brokenshire and went over in detail the main lines of work as well as some other lines.

July 17 - We rode up river and across to Chemunk-Masonic and back to RS. Introduced B. to all Forest users met en route; showed him lines of range in Masonic end and route of driveway.

Stopped at Conway ranch and discussed drifting cattle with Mr. C. It is rumored that quite a number of his cattle are drifting and took this matter up with him. Mr. C. is not at all well so did not go as far as would otherwise. Told Brokenshire to make one of his first trips over the Masonic-Rough creek end and get line-up of the cattle.

B. is catching on quite well and as soon as can locate horses will hit the field.

Discussed various improvement projects with him. Various permittees who have met him seem

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well impressed.

July 22 -25 - Trip to Bridgeport District. Met Ranger Atcheson and Geo. Miller and we went carefully over special use areas of Twin Lakes - Green and Virginia creek.

Looked out sites and inspected areas under permit and discussed various features with permittees.

Surveyors at work on surveying new T. 6-24- so will take up land exchange with AV Co. when complete.

Atcheson's Guard Levalley has quit his job and will try and get man to fill his place; A. does not know of any.

Forage in ranges exceedingly fine and will be an early movement of lambs from range.

July 27 - August 1 - in field, mainly in Monolake region. Went direct to Silverlake and on arrival phoned Ranger Green who was at Leevining making out time on Monomills fire.

Inspected campgrounds at Silverlake - found incinerators distributed over grounds; mainly full - was a lull in campers owing to recent fire.

Grounds need early clean up and told Green to have this done at earliest date possible; we should have a cart trailer for this work or low light wagon. Will get two special forks for this job. "came down" with heavy cold and fever which somewhat interfered with my trip.

Green has trail crew on Gem lake trail which is nearly thru; told him to continue down trail on maintenance of lower portion. They have completed nice trail above Boulder lodge, to bench which is used for lookout and by general public.

The Reversed creek road is in fair shape considering heavy travel. Needs some repair at several bridge ends and the bridge at Silverlake camp needs some end repair. Green will take care of this. Authorized stock gate on north end of Silverlake camp grounds which will keep pack horses from entering grounds.

Green had large fire near Monomills which started by lightning.

It appears that Mrs. Carson failed to get word to Green as soon as she should have. The lookout sent word as soon as fire was spotted and expected reinforcements which failed to show up promptly. Went up to near summit to edge of burn; had been out several days but lookout kept sharp eye on it.

Had excellent cooperation by Boulder lodge and campers. Met Entomologist Miller and asked him to look over the dying pines in Reversed creek basin. Also Aspen. He will leave memo.

Had talk with Fire Guard and went over his work with him. He is rather inexperienced but gained a lot of it on last fire. Is of fine physique; excellent personality and hard worker. Is a "likely" man who should develop into A-1.

At odd times he attends to cleaning up camps and development.

Plan to give him work after Sept. 1 when his Guardship terminates. Will use on campground development.

Looked over Silverlake pines proposition where a LA party is real-estating an 80 of private land between June and Gull lakes. They are somewhat "shoestring". A packer is trying to poach here.

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Told him to lay off as have a regular outfit authorized for this locality.

Boulder lodge has a house built off their site. Discussed this with Geo. Miller and he thinks this is a natural site which should be included in the lease; this is OK and will be arranged for.

There are a number of turnouts on road above Boulder lodge where cars park and go fishing. Will have signs posted in order to prevent this. The "sign" proposition at Junction of road was looked into. Will probably have all them removed.

Had general discussion with Green on District work. He has a lot of business and we should have a Guard next year who will be placed on duty June 1 to take care of the Tourist business and care of camp grounds. Conferred with various special users and discussed their wants. We should develop spring along road near Boulder lodge. Is open and requires looking after for sanitary reasons.

On return met R. Foster who discussed his lease at Virginia lakes - told him he would have all boating privileges on the lakes. Went to Walker lake with W. Scott who has purchased an 80 at lower end. He is building road to his property. He wants to exchange some of his land for lake front; told him he could apply but was doubtful if would recommend it. Cannot see any advantage to Govt.

Met Geo. Miller at Bridgeport RS and discussed campground matters with him. Atcheson was away at fire in Walker canyon.

Brought Miller to Minden as his work has been completed and he has been of great help to us.

Aug. 4 - Went to fire up West Walker as was reported burning strongly; found Ranger Atcheson on the job as had expected. The area of this fire spreads over extremely steep west side of canyon which is mainly rocks and crevices with scarcely any soil; heavy duff and pine needles fill the crevices and makes control extremely difficult.

There was very poor reproduction on the area and rather heavy brush patches here and there.

Fire started near top and spread along near summit. This rendered fighting below it dangerous by falling hot rocks which rolled and set new fires below.

The plan of Atcheson was to hold an upper and lower line in the canyon and a top line to keep it out of Mill canyon. This position seems sound.

Aug. 6 - Fire suppression work.

Aug. 11 - To Woodfords and Hope valley on campground improvement work; On Eldorado near Tahoe getting lineup on how they handle their campground work. Return via Reno.

Aug. 12 - 13- 14 - On trip with Grazing inspector Hill.

We took in main watershed of West Carson as far as Blue lakes.

Studies made of range allotments, seasons, and range conditions in which Hill gave us some excellent advice and help.

Made particular study of Dangberg Hope valley range and possible overstocking. The forage this year shows up appreciably better than during past two seasons when was very dry.

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While forage is there in plenty, we noted the sheep cropping sage and skunk cabbage strongly, even in places where other more palatable forage was present; was not apparently due to lack of othr forage.

Lambs are being taken out and in prime condition; many or nearly all going above 80#.

Studied combination of sheep and cattle grazing on Dressler range.

Hill will make more definite memo covering this. Dropped in on Mrs. Merrill at Woodfords as Young had told me she complained that some tourists had said they were not getting proper treatment at Forest office in Minden. Asked her just what the complaint is and explained that we desired to correct same.

She is a noted crank and had nothing definite to give us. It seems that some parties wanted campfire permits and had passed up the Minden office before they were aware they had to have them.

August 21 -29 - on trip of inspection with District Forester Redington.

21-22 - In Alpine District where were accompanied by Ranger Clark. Up W. Carson and to campgrounds - camp grounds in good shape but garbage pits not to standard required; better than average.

Camper has chickens at campgrounds which seems objectionable; Clark will take steps to rectify.

Trip to Heenan lake reservoir where looked over site and over north end of proposed Bagley-Slinkard addition. Is plan to have Clark make revised report and seems advisable to recommend this addition.

To Bigtree summit, inspect Camp Wells enroute. Grounds look well kept.

Talked over general matters with Clark, and inspected his equipment. Should have sign on building where tools are kept and new sign at headquarters.

Pulled fisherman up E. Carson who had no license. Clark took him in hand and secured results.

23 - Went to Bridgeport RS where met Ranger Atcheson; he had pack outfit ready so we went in PM to Buckeye where camped.

Range of Hunewill Co. looks short and no doubt has too many stock on it; cattle seemed to need salt.

Went up Buckeye over Day range where better conditions were in evidence; thence over pass into Piute and camped in lower P.

Meadows in normal condition; trail good for type and could stand some maintenance.

Piute fork well stocked with trout and they are gradually working to higher waters.

Came down to Leavitt meadows where inspected campgrounds; garbage pits too full and needed attention. Grounds aside from this neat and attractive. Came to Pickel meadows where camped overnight. Station looks good and well kept.

Range in locality in good shape and forage will hold up until end of season.

Went to Wheeler RS and thence to Bridgeport RS.

26 - To Sweetwater where found Ranger Brokenshire in back country; he has miscalculated on schedule; Stayed at Sweetwater overnight. Discussed matters with Gallagher. He stated could not feed Bald mountain range in spring thru lack of water; told him would look over this matter and probably give water entrance from adjacent cattle range where would not hurt anyone.

E. Wedertz stated his range was short; told him had nothing in stock now but would bear this in mind in case new range boundary is affected on Antelope V. Co.

Mr. Redington and I looked over proposed improvement of road near Sweetwater; told me to take up this matter in more detail for next year and might get Nev. 10% for it. I will plan on some improvement here this fall.

We inspected the aviation field of Monomines Co. above Ranger Station.

Also stock watering tanks which are in good shape. Looked over Ranger Station.

Plan to give Brokenshire money to finish cellar and drew up plans on same.

Went to Leevining RS where met Ranger Green; he has begun work on cellar; went to Boulder lodge where spent night. Talked over recreation matters and further development with various permittees.

Saw Fire Guard who has just finished burning brush in Reversed creek; good job. He will help Green on building toilets, tables, and some survey work; This will take until about Sept. 10 when he will be assigned to Bridgeport District until end of Oct.

The fire danger seems remote now and he will devote entire time on development work.

Went to Walkerlake where met W. M. Scott; looked over his proposed development and drift fence. Told him could construct same.

He is fencing his land at lower end of lake and has constructed road into place.

Inspected camp grounds; Mr. Redington suggested we close the old Leevining camp and provide camp across creek. The pines are badly infected in upper Reversed creek due to beetles; can do nothing to relieve this but hope attack will not continue. Recent dry years and blowdown probably are cause leading to same.

Will have to give major attention to keeping garbage cleaned up. Plan to construct large closed pits next season and place special man on Rush creek area who may also work as far north as W. Walker.

Have crew on cleaning up now and Silverlake grounds look quite neat.

Called on Carson; he wants slight extension to his site which was approved. Also conferred with some new applicants.

Went to Tioga and looked over high country; Gardisky resort near Tioga lake is being developed and in satisfactory shape. Room for further development at Lake Ellery and some lots should be provided.

Went up to Gemlake where inspected new trail around east end. In very good shape and walked down trail to Silverlake; is being repaired. Green plans to take this crew soon and build road into residence lots at Gull lake.

Pack outfit working out from private tract between Gull and June lakes without permit; Green will take up matter and report. Left Mr. Redington at June lake after a very pleasant and instructive trip in which he covered much of the Forest and discussed leading points with men.

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(note at end of report)* Ranger Atcheson recommended Sario feed upper W 1/2 Swauger canyon temporarily and A.V.Co. sheep be kept out; also trade forage on LW cattle range for that in Huntoon; both approved.

Sept. 4 - To Hope valley where examined sales areas of Hellwinkel and Tholke.

Cutting not in progress but some 150 cords in place and stamped as scaled.

Area in very neat shape and brush mainly piled.

Close utilization and good selection in evidence. One can readily see that the tract is under sale. Noted several bug trees up W. C. Canyon which have died this summer and will be available to cut this fall. Three are in flat about 1/2 way up canyon.

Clark has new garbage pits dug and is getting ready to top them.

Sept. 10 - To Reno. Conference with Prof. Church of UN in reference snow surveys and cabins to be constructed in connection with same. They propose to build one near forks Buckeye canyon; one near Sonora peak and one in Hopevalley. Prof. Church wanted to take green timber in construction. Told him dead trees preferable and in case not enough dead to secure green.

Unable to see agronomy man reference to suitable seed for cattle range; LW cattlemen want to sow seed of some suitable grass on range; they will bear expense same.

Sept. 14 - 18 - To Sweetwater District where was with Ranger Brokenshire on general District work.

We went over in detail, maintenance work on Sweetwater road, which work will be taken up shortly. Made inspection of portions of road to be worked and determined on just what was needed and should be tackled.

Will begin about 1 mile above RS and work southerly until allotment is exhausted.

The County grader will be available and will supplement our equipment. Work will be close to Yparraguirre ranch and have arranged for them to feed the men while on the work; will be cheaper and more efficient than to hire a cook since crew will be mainly scraper and team.

Many small wood sales being made and in operation; Brokenshire has a good grasp on this; we plan next year to set a date and place where applications for most of this material will be taken; this will greatly simplify the work of issuing sales and Ranger will fully explain requirements.

Made field trip over a number sales areas; mostly dead and down stuff being taken - is getting scarce.

Went up Nye canyon and to north slope of Bald mountain with permittee Gallagher who finds it difficult to feed that range in fall. No water. Scouted out springs in Nye canyon but found route to them too rough to bring sheep to and feed en route scant. The spring on Bald mountain has been dry for last few years; it may come back with favorable seasons and be developed.

Brokenshire will scout out conditions on Masonic range and will report.

Mrs. Philatro wants fall range on north end of Pine Grove; this is in lieu of small range she formerly held; will probably allot it to her.

Conference with Day and C. Jones in re Day crossing their range with lambs; they agreed to this

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and Day will allot a few days feed on his range to compensate; range is adjacent.

Made trip down E. Walker river to interview various permittees there and to show Brokenshire range divisions on fall and winter ranges there.

There seems to have been quite a loss of lambs this fall which permittees cannot account for. Yparraguirre lost 90; J. Compston on adjacent range lost quite a bunch and Wedertz also. No trace has yet been had and theft is suspected.

Many lambs being taken out now to markets; mainly in very good shape and excellent prices.

Made estimate of lumber for cellar and plans for construction. Brokenshire wants small gas pump and tank at his Hdqtrs. Seems like good prop and told him to draw up plans. Will send him 5 gal. linseed oil which he will place on painted surface of house at SW. This will hold paint especially on exposed sides.

Went to Monomines where marked a quantity of trees under sale for mine timber. Mostly lodgepole. The mines are now surveying out their claims which will come up for patent.

Cattle on Sweetwater range looking good but cold and storms of upper slopes are bringing them to lower country.

Brokenshire shows great interest in his work and is taking excellent hold on the work. Has confidence of his permittees and general public.

He has about completed the Deep creek trail. Says Fulstone wants to build spur road from WW driveway to his camp which would complete break in this trail and be of great value to stockmen in packing to the camps on south end of Desert Cr.

Sept. 22-23-24-25 - Field trip to Bridgeport district where main part of time was devoted to land examination with Ranger Atcheson in order to complete proposed exchange with A.V. L&C Co.

We covered territory in T. 6 N., R. 24-25 E., mainly. Determined rather closely just what lands would be involved and typed in by legal subdivisions. Found corners easily and open cover permitted close and rapid work.

Visited sawmill near Devil's gate which is beginning to cut private stumpage, mainly Jeffrey pine which is of very good form and stuff; many trees cut first two logs mainly clear.

Mill is one that Power Co. had on Leevining and figure on cutting out 15-18 M. per day; will install planer next season. Are logging with horses and spool wheels of local make. Figure on Fordson outfit next season; have 200 M. contract with Mono Mines and good local demand will likely make this a good prop. Will deliver us at \$30 fob mill or \$35 at BPRS. I gave order for 3M to BPRS. They will give us mainly butt logs which will run mainly clear. Will later want Govt. stumpage.

Forage on Burcham is excellent and great amount grass among brush; would readily burn as grass has dried up and too late for stock to eat it. This range could be better fed if some small streams and springs were developed; Atcheson will look this matter up.

In examination for land exchange we cut out a nice bunch of lodgepole in upper Cottonwood; this would be made available to stock driveway by short piece road and might bring in a demand; Fulstone talks of building spur road next summer to his sheep camp; might cooperate.

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Cottonwood trail viewed at distance; grade looks good. Cattle are being moved from Littlewalker to fenced lands in Huntoon valley; this land is exchanged by sheepman who will graze sheep on LW until cattle are taken out. Sheepman is M.L.S.Co. who is permittee.

This will concentrate cattle on good meadow and make them ready to move home on short notice; sheep are getting good brush in exchange; very good plan.

Atcheson killed a coyote in mid Burcham territory. Was yearling feeding on sheep carcass.

A. reports trout we planted in W. Walker arrived OK. That trout planted by County over which we had no jurisdiction were dumped in streams near road in valley mainly. This is waste of good material. Yaney trail nearly completed and offers short cut from BPRS to Wheeler over cattle range.

Foster of Virginia Creek has repaired road to his resort at considerable expense; planned to allow him \$50 toward this as we will benefit by it.

Atcheson says F. Fulstone asked him if he could place an extra bunch old ewes on his range when lambs were taken out. Was told to see me; has not done so. Wrote Brokenshire about the matter and told to investigate.

The State highway department wants to construct cabin at Leavitt meadows; will allow this within our pasture as we do not have much use for same.

Atcheson and I went to Little Antelope valley where saw A. F. McKay relative to bulls. He has apparently not placed credited bulls on Littlewalker range this summer and was told that would have to comply with Association requirements or be denied permit. Matter will be brought up at regular meeting this fall.

Spent week beginning Oct. 13 in Bridgeport and Sweetwater Distr.

Quite speedy snow storm in action on way out near Mountain house and in W. Walker canyon was about 5" deep.

Cattle all removed from range on LW and placed in field at Sario place; will have meeting and drive out of 25-26.

Atcheson and I rode up new Yaney canyon trail which just completed this fall; very good piece work and handy trail.

A. is having willows grubbed about station and has about completed his field trips as horse feed is gone on outside.

We visited sawmill at Devils gate; they have our bill lumber ready to deliver.

Went to Sweetwater Distr. Conferred with Roach who had some grievance on road work; explained matters which seemed to clear up his mind regarding same; he is a natural dissenter on many things.

Met Brokenshire and we went over the new road work; crew has nearly completed south to RS. Explained certain details to B. and appears that they have been taking teams too far to feed during mid day meal. Should have hauled hay to troughs for this and saved quite little time; too late to change now as that stretch is about over.

Great improvement in grade.

1925

Conferred with A. Jensen, Jr. in re his cattle on Powell Mtn range and on Rough creek range. Stock being taken from SW cattle range and in very good condition; quite few losses from poison. B. will report details on this.

Had quite long talk with B. relative to his troubles and we discussed means for relief.

Discussed general business with him.

Oct. 20 - Gathering grazing data on east side valley near Doublesprings - see memo - G.

Oct. 25-26 - Attending stockmeeting and roundup Littlewalker cattle men at Sario ranch near Bridgeport.

Had quite full attendance meeting and discussed various matters relative to range and McKay bulls (see file).

Cattle were within enclosed pasture and easily cut out by various permittees.

Stopped at BPRS with Atcheson and discussed various business matters with him.

Had various discussions with stockmen.

Tried to get appointment with Eastman of Mono mines Co. Was told he was on trip out of state.

Nov 14-15-16 - Trip to Mason Valley.

Dec. 3-4 - With Ranger Clark we examined land proposed for Forest addition north of Genoa.

Dec. 7-8 - At stock meeting at Reno - Nevada Stockmen. Very interesting session at which Governor gave talk; also Winkler of Ogden office.

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March 10-11 - In company with Ranger Atcheson went to Antelope and Smith valleys in order to examine into qualifications of new grazing applicants and data relative to 10 yr. applicants. Called on J. McAllister and went into detail concerning his land; has recently purchased ranch land on which has built house where will soon reside. Land of good quality and while now not in full producing state will make good place for ranching. Will consider him as fairly strong applicant.

Discussed permit requirements with Mr. Hardin who manages the Antelope V.C. Co. This Co. stock was taken over by new owners last summer under same Corporation who hold grazing preference. They do not own any stock and the main aim now seems to be to sell their property; are not selling very fast. Told H. that they would have to own stock before permit would be given them. He wanted to vacate range one year; told him it did not require rest and if they failed to use this year we would stock it temporarily. He did not want to do this; I gave him until April 15 this year to see what conditions then would occur.

They have about 8000 acres land inside Forest which is comparable to our summer range; told him that sale of this would jeopardize their preference.

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Do not believe they will stock up property as would require a big outlay.

Called at lambing corral of Co. where Blackwell and Wedertz are lambing. B. has adjacent spring permit. Some slight trespass has occurred on Powell range; probably by Wedertz. Went into this with him but have no evidence.

Discussed 10 yr. qualifications with L. Wedertz. He no doubt will be eligible for this.

Went to Wellington. Discussed 10 yr. conditions with E. Wedertz at his ranch. He seems to qualify.

Called at ranch of S. Albright who applies for sheep permit, new. They are developing ranch and have 45 head cattle in addition to sheep. Ranch well adapted to dairying but no special qualifications for sheep.

Called at Hay ranch and looked over conditions. He wants C&H permit; has nice property and under good state of cultivation; permanent character. Aims mainly at dairying; if have range may be entitled.

Discuss various matters with Smith valley residents.

We were informed in Antelope valley that many persons were fishing in canal near inlet to lake.

Big trout are now starting up river. We came back thru that country to get line up of land.

Saw three persons fishing there from distance, thru field glasses. Were informed Sunday is "big day" so plan to make a swoop next Sunday. Did not attempt to disturb situation as would scare the main ones away. Plan to take three Rangers and self there.

March 12 - To Reno getting line up on supplies and equipment. Grazing, etc.

March 14 (Sunday) - In company with Rangers Atcheson, Clark, Green went to Antelope Valley where early fishing had been reported to us; the large trout are beginning to "run" up river from Lake, via intake ditch. We rounded up 8 Indians who were trying to catch but in no case had they any fish.

These men were not placed under arrest but mobilized and names taken. They were given a plain talk relative to fishing before season opened and each promised to observe law relative to fishing hereafter.

This course will no doubt have better effect than had we attempted to get a conviction.

We were after white violators who were reported to have been fishing there; none appeared however.

The State or County should have a warden in that valley during a couple months in spring to protect the large spawners which winter in Topaz lake.

April 7 - To Mapes ranch where discuss range allotment; they have purchased some summer range in Slinkard valley which propose using for sheep; we have tag end of Govt there formerly used in connection with this range which will likely include.

April 10 - To Antelope valley to confer with manager of A.V. Co. in re their allotment for sheep. He was absent and was not able to take up matter with him. Conferred with Brokenshire on

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posting of boundary and range and other grazing matters of that section. He has just completed substantial posting of range there with cedar posts and metal signs.

Has looked over valley regarding early fishing by natives; no cases come up. Our action some weeks ago seemed to have had good effect.

Early range feed coming along nicely; lambing nearly all done and shearing started.

Conferred with applicant for store and resort at Chris flat; described conditions fully - will probably be able to place S.U. there to meet summer tourist traffic.

Spoke to J. Koenig relative to trail work this summer; he is good reliable man and understands work.

April 13 to 16, incl. - On trip to Sweetwater District where took up various matters with Ranger Brokenshire. Met F. Compston who wanted allowance increased 300 head on his summer range and permission to graze on Virginia C&H range in fall after cattle are out; to shorten his season to allow greater number. Told him would not consider shorter season; that Power Co. had private land inside his range he might lease and waive; would not authorize at this time grazing on cow range.

With Brokenshire during time of visit. He has completed very good cellar at RS - excavation to be Fresnoed away, part to fill in at wet spot near barn; front yard to be cleaned up of waste manure, etc. The new stretch road made last fall needs crowning with grader a couple days; Roach will do this as the winter wear when soft left some deep ruts. Some turnouts to take care of wash needed. Road looks very good for new one.

Discussed trail maintenance and water development in Masonic. Bald mountain has good snow yet and may allow grazing there in June. Forage coming nicely on cattle ranges.

Called on Yparraguirre who is lambing; good early feed for this purpose.

Discussed old sawmills with Roach. He said two near Sweetwater in late 60's run by -- Green. Got more definite dope in notes.

B and I went at daybreak near station and observed sage cocks who were having annual "dance." Were some 200 of them in sage and open meadow. Ceased about sunup.

Saw big smoke up E. Walker canyon; we went up and found Philatro burning willow patches on ranch. Cautioned regarding State law and possibility of getting into hills. Danger did not appear great as vegetation is moist now.

Discussed private land on range with Fredericks. He wants to have surveyed as is not satisfied with exemption allowed.

Went to vicinity of Aurora; no stock in that locality as yet but early feed looks nice. Fallon has sheep at Green ranch where will lamb. Went to E. Walker territory. Saw I. Fallon, Jr. who had applied for permit and was not satisfied with disapproval. Explained conditions of permit to him and he seemed convinced.

Called on Wichman; he has yearlong C&H permit. Asked about having count; said would involve 3 days to roundup; told him was not necessary. He has small number and am satisfied is square. Looked over S.U. for pipeline to his house. Has not yet secured right from state for water.

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Warned Fallon about drifting cattle from his ranch. Went to Pinegrove to see Yeager in re range division between him and Philatro on spring range. Will draw no line this spring. B. will study the range with this division in view this fall.

Some mining people piddling around P. Grove. Small fire had been set near mine; probably last fall. Asked about it. Men there are new.

Went to Philatro ranch S. Valley where discussed range division with C. Jones. Told him would defer until had studied range. He wants to go on 15 days early; approved.

Brokenshire will arrange to send notices to S-22 applicants in July; setting date to meet various persons in Yerington. Have a host of them and this will consolidate this work. Stall is starting mine at Masonic. Will likely want some mine timber this summer.

The Bridgeport dam has resulted in depletion of trout in E. Walker river; very few running.

Snow conditions look good in the District and spring showers should result in good feed year.

Saw G. Terry in re range near their ranch in Bridgeport valley. They are trying to buy some land from A. V. Co. and will want some mixed Govt. range. Told him to see Atcheson relative to this when sale was made and he would report conditions. Told T. that same privilege would go to them as enjoyed by Co.

Got list of material needed by B. and will send him.

April 23 - To Wellington and Yerington mainly to try and secure cleanup man for Mono basin campgrounds.

Two prospects, K. McDonald and H. Lawrence; they will consider the matter further. Outlined definitely line of work and our requirements. Lawrence is good hard worker and would like to get him.

Ordered 6 empty oil drums from Wellington garage at \$1.00 each which will convert into garbage cans; are excellent for this and cheap.

April 19-20-21-22 - Largely devoted to work in connection with Fire Prevention week. (field)

April 25 - To Woodfords canyon, Hope valley. Have applicant for sawmill and sale in Hope valley who wants to know how soon can start operations; found quite little snow on side where will locate but is melting fast. Ground too soft yet for trucking into mill site.

Looked over proposed public camp at Diamond Springs; will try and get Alpine to donate for this development, is excellent site and popular but needs toilets, etc. Few campers in canyon but is yet early as most camping places are too wet. Clark has fixed up garbage pits in good shape.

April 29 - Reno and vicinity. Had conference with Messrs Roach - Dellamonica - Scirinni who came to Reno for consultation with their attorney and FS in reference to interference of Mono Mining Co. with their interests.

It appears that the mines are turning cyanide water into their streams which endangers stock grazing on Forest and have diverted small stream which will reduce irrigation of their ranches.

I did not have full data relative to degree if any of poison in stream and will have Ranger

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Brokenshire submit samples which the State Lab will analyze; will also have B. make plat to show point of diversion of stream and location of proposed retaining dam. When get this will be able to give definite instructions to Mines Co. as to disposition of matter.

The permittees will not be able to turn out their stock until about a week or until after this is settled. I will proceed with all possible speed. Their attorney was willing that the FS should handle the matter. Discussed various features of grazing with them.

April 30, May 1-2 - Trip to Wheeler RS and vicinity where met Ranger Atcheson. Discussed mainly following matters with him:

Adjustment Burcham range on basis of recent purchase by Dressler from A.V. L&L Co., of range land on Burcham-Wheeler, etc.

Will allot all former Co. range in Swauger to Mono L & L S Co., will reallocate balance government range in Burcham to N. Brown and Mrs. Yparraguirre and try them in common. Will give Yeager the river strip north of Deep creek.

Discuss campground development on which A. is now working; he says new type garbage pits are going to be excellent.

Get lineup on road work in Bp. district for this season; this includes maintenance of Twin Lakes road and of Green Creek on which some change of route will be required in order to throw out of wet meadow land.

Plan to place crew on W. Walker river trail to Piute as soon as conditions are right.

The forage is far ahead of normal seasons with quite a little rain; will likely be able to turn into L. Walker by 20th May. Grass is well started and coming fast. Burcham looks good and low portion should be fed over soon.

Barlow is arranging his new store at Chris Flat, above public camp; discussed fire prevention to him and explained about clearing up debris around his area. He is taking quite an interest in this and should be of value to Canyon fire prev. Will probably place a phone on line at his camp.

Borland sawmill is about ready to start; snow scarce as compared to average year. Told A. to have brush from post area cut by Littlewalker cattlemen, cleaned up and piled.

May 3-4-5 - Preparing garbage cans for Gull Lake public camp and getting road equipment in shape; also fixing up sign material.

May 6 - Had just finished dictating letter to Ranger Clark to see A. Lenke who is attempting to homestead land inside Forest, west of Sheridan, to call on him and warn against setting fires. The phone rung and was told a fire was burning on his homestead.

In company with Sheriff Park, left for the fire; found about 6 local ranchers arrived there just about that time; wind was excessive and fire in stand of young pines just off area. We immediately got reinforcements to about 20 men and breast the fire in attempt to hold it from Govt. land and heavy brush. Wind was strong and greatly various as to direction; mainly to the east. Took advantage of lulls and changes and had it under control within an hour.

Sheriff Park and I, after had line around it (40 acres) hunted up Lenke and got his statement; he

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said had lit his pipe and thrown match down where was heavy litter of pine needles; very high wind swept fire immediately. Lenke had set fire some two weeks ago and Park warned him against further setting; nearby ranchers claimed had seen small fires since that time. (in the memo the man's name is spelled both as Lenke and as Lenk)*

Lenk is a half-witted ex-knife sharpener who has turned rancher; has three goats, 6 hens, and a dog. Ranger Clark arrived on scene before fire was out, having come from near Silver Creek with good speed. We decided to hold off arrest of Lenk until tomorrow as I desired to look up Land office records of his homestead in Carson.

After fire was safe took time of fighters and returned to Minden.

May 7 - Went to Carson where discussed case with Register GLO. They had erroneously allowed H.E. entry on land Sec. 15, T. 12 N., R. 19 E. I explained that this tract was not subject to entry; they suggested I protest entry. I advised that it seemed up to them to take such action now and they will immediately take up case with Washington.

Conferred with local District Attorney regarding Nevada Fire law. They seem to have one which will fit the case and had complaint sworn out and served. Case will probably come up today.

Lenk will soon be evicted; recommended to Justice Peace that he give suspended sentence in view of the half-witted status of Lenk; this will operate in his removal from the tract and should satisfy our desires.

May 10 to 15 incl. - To Monolake District. Stopped at Chris Flat enroute where conferred with Ranger A. He is doing development work at camp ground - garbage boxes are going to be the thing; has made several and some concrete fire places which show good workmanship. Looked over Barlow S.U. near there and discussed features with him.

Went to Leevining RS where met Green. He has cleaned up dead trees from campground and has gone ahead with station enclosure as far as material goes. Willows all cut from pasture and 100% improvement; he will keep them mown off as they appear. Has planted some lodgepole pine in grounds which improve site. New well tastes acrid. Had water analyzed and pronounced potable. Suggested he install a drain pipe near high water level which would form circuit and probably freshen up water eventually.

Went to Silverlake where inspected grounds and new building sites; a number of new cabins going up and applications coming in. Green and I placed garbage cans around ground. Had sign posts hauled up from Leevining. Went over toilets which are in shape for season. Fixed some springs in doors and placed screen where needed.

Discussed campground man with Green and will furnish memo as to various details.

Told G. that any garbage pits we maintain must have cover; will depend mainly on cans. Saw Power Co. who have a numbr 50 gal. oil barrels which they gave us. Told G. to cut out top and will send orange paint for them. Have secured a number of extra barrels from various garages which will place in that locality.

Fish hatchery at Silverlake running with 8 troughs. They will build a 60 trough hatchery this

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summer which will take care of all Mono County; are using Henshaw and Steelhead species. Seined a lot of big ones at June lake; took 200 at a haul.

We surveyed out 6 new lots above road north of Gull lake; left road way. Got lineup of future requirements for campground improvements.

This upper stream must be looked after carefully. May need two toilets at extreme north end June lake where many cars park temporarily to fish and ground has little cover.

Will require some along creek below Gull lake and a couple more at G. lake.

Found Mr. Culver who owns lot private land between the lakes is edging a little over our line; called his attention to fact. It is reported that he is hiring some boats; this will be looked into. He is a hardboiled hombre. Looked over proposed campground which has been public and which Downes wants to lease. Green will run out lines soon and will allow D. a lease on tract. Rather difficult to appraise rental value but figure on about \$50. per annum for 2 years after which can better determine logical charge. Downes will install toilets, tables, water, and take care of garbage. He proposes to charge 50 cents per night per auto.

Saw packer permittee and discussed the business with him. Has permit for 45 horses which will divide between Silver and Gull lakes resorts. Has planned on headquarters camp about midway; will have house there and corral.

Found an Indian had brought in 8 head milch cows to take care of the milk demand. He plans on holding on private land. Told him we would not permit them on Government land in basin as is held for campers; that if caught on GL would impound.

Green and I interviewed various persons who have placed signs at end of our road. Told them to remove and all were down when had left.

Had interview with Mr. R. T. Williams, Mgr Curry camp and transportation Co. They plan to operate a stage route thru this region this summer in connection with the Tahoe route; will be a fine plan. They want to place a sign at our road junction advertising "Scenic Route" with no definite resort names. Told them to see how resort people look at it in view of fact we had recently required removal. Is different prop. and should not be objectionable; told them to send me draft of sign after which would determine if would permit it. Suggested they place "Help Prevent Fires" and "Keep your camps clean." They took to the idea.

The County is busy on road repair now and has grader and rock men on it. They will be able to smooth up the road in general and remove rocks and repair bridges. We will take care of graveling across the meadows. Green is trying to get men for this now.

Was reported that sheep had damaged our trail above Boulder rock last fall. Trail is in fair condition. Told Green to not allow sheep on this area nor permit them along east side of lakes; to allow Conway to enter his high range via west side lakes over Evans range. This will protect roads and trails.

Power Co. has phone near north end June lake which we will use in connection with fire protection. Discussed matter with Green.

Discussed Walker lake road with Scott; County has in mind condeming right of way.

We should not permit any buildings withing 75 yards Boulder rock as would detract from natural setting. Gibson asked for garage site near there; told him we did not desire so close.

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Silverlake pines people have taken some of our water from spring; we must see that no diversion is permitted without authority. Told G. to look after this point.

May 23-24-25 - Working on garbage cans for Gull lake - 9 cans and other material relative to campgrounds.

May 26 - To Reno and Sparks purchasing equipment for road work and getting lineup of any available equipment which Nevada highway might have.

May 29 to June 5, incl. - To Bridgeport District. Took Mr. Tucker to Bridgeport and returned to BPRS where met Ranger HWA.

Inspected Chris Flat public camp on way and found a number new improvements well made; fireplaces and garbage boxes which will take care of camp in good shape.

Conferred with Mr. Dressler in re range; wants to come on early and so authorized him.

Ranger A. and I went to Virginia creek and lakes. Looked over possible road repair; will allot \$500 for this to be used mainly near upper end where rocky and some bog to eliminate. Mono Co. is taking care of road outside Forest. Foster resort at V. lakes is open and he is doing good development.

We planned to extend his lot to take in north side of lake and place only public camps on Trumbull lake nearby. T.L is more sheltered and better fishing. Is away from wind and warmer. This elevation of nearly 10,000 requires good night protection which Foster is providing. Public interests will be protected.

While there met Mr. Emerson of S.C. Auto Assn. Told him to loosen up and give us some campground development money. He has promised to take care of some camps for us next year. Told him relative to change of Fremont sign near Fales; he will do this. Discussed roads in general with him.

Mr. Hayes of Bp. asked relative to SU on Buckeye HS. Do not know just how badly he wants it but told him it was open to lease.

Went up Green Creek to R. Foster camp. He has done some recent development; two new toilets. Has poor bridge across creek to them. Suggested improvement of this.

Few campers there. Looked over road conditions there; we will do some work; mainly across meadow where will require short stretches of gravel and drainage. Also improvement of grade in upper end of canyon below Bacon's camp. Some general rocking out. Probably \$500.

Went into Twin Lakes. Two new cabins going up SU at upper lake. They have repaired old road in order to get in. Main road to lakes in very good shape. Judge Parker is making some improvements to his cabins. Rev. Brewster Adams has nice cabin on his site near lower lake. Honn not going ahead with his resort very fast. Probably lacks funds.

Mason wants resort at Leavitt. Told him would require a minimum of \$5000 expenditures distributed over 2 yrs. He wants site near old chimney above our camp. Proposes to install small sawmill to take care of his needs for lumber.

Quite few minor improvements made at Wheeler camp; trees set out, drainage of small swamps

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and new ditches. Cabin should have coat paint.

Saw R. Carson of Silverlake along road; he asked what he should do where boat renters insist in taking too many to Grant lake. His number is restricted there; told him to hire boats with definite understanding as to where were to be used.

Snow in Bp. district going fast and forage developing 3 wks early results in many requests to enter range early; am allowing this by permitting max of 15 days advance.

Rode to Fulstone corral where met Ranger Brokenshire and J. McKay in order to settle range division with Yeager. Y. did not arrive on ground although asked to do so. We rode over range and after sizing up situation, struck tentative line. Will try and feed as allotted this year.

Conditions dry on Lobdell lake territory and unless have summer storms feed will be poor.

June 9-10-11 - To Sweetwater District. Met Messrs McKay and Yeager at Wellington and discussed range allotment between them. Arranged to reserve for Y. a small basin just west of Scheel camp which have taken from McKay; this was discussed with McKay and he was given to understand details. Told camp tender of Yparraguirre to enter his range on Burcham and keep east of driveway as have reserved some there for Yeager.

Saw Mr. F. Simpson at Wellington reference his proposed land exchange; told him we would try and go over the matter in field this summer.

Went to SWRS where met Ranger Brokenshire. Looked over proposed water development and discussed details with him.

We went in PM to Morgan cow camp on Rough creek; storm during day made road very slick and was of great value to forage. Morgan's rider complained of Fallon crossing their range with 3 bands of sheep and for this reason made trip to examine into it. Rode around Beauty peak and along east side of Forest line; found rather slight evidence of entry of sheep into Morgan range and an evident attempt to make the drive without getting inside. In one or two places the sheep had crossed inside a short distance; damage so slight that could scarcely bring trespass. Will write Fallon, however, and bring the matter to his attention.

The strip east of the boundary will make logical driveway from Green ranch territory to Bodie hills.

Recent storm will bring forage up well; looks fair altho cattle which were recently brought in are poor and came in poor. Salt well placed and rider seems to have good control; saw few spots low larkspur; not enough now to be dangerous.

Returned by Masonic; feed above M. is excellent and range in general looks fine.

Discussed trail route from Masonic to Halfway with Ranger B. Also details of water development which plan to begin soon. Looked over cyanide pool of Monomines west of RS. The Company has begun fence of same and have rider on job to keep stock away. Company has no permit to place pool there and told B. that they should be required to have permit for all forms of occupancy of Government land.

Yeager phoned in evening making "date" at Wellington next day. He did not arrive.

Monomines have scattered garbage along creek below Mines; will direct them to clean up.

With the recent storms the Sweetwater territory should greatly improve in forage; was getting

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dry and unpromising for the summer. Mining activity improving at Masonic; may have sale for wood in near future.

June 13 - Went to Woodfords where conferred with Grant Merrill reference to campground development by Alpine Co. They will provide funds for one camp up canyon and he suggested they start soon.

Told him we would have 100,000 trout available from Tahoe hatchery this week; he stated their road truck would be able to bring them across; 50 cans. Will arrange to have trout ready if possible by Wednesday morning. Discussed places of planting; will plant about 2/3 in W. fork Carson, balance in E. fork and tributaries. Sent some up to Bagley Valley. Have arranged with F. Neddenriep to take care of latter.

Clark has already made some clearing in canyon for new public camp. Looks like someone has cut green tree in floor canyon below double-S. Will ask Clark re this as is policy to cut only very defective trees there as is in scenic area.

Went to Tallac hatchery and arranged for delivery of trout Wed. Hatchery man will come over to have supervision planting in Hope Valley territory. Will phone Merrill regarding definite date.

June 15-18, inc. - Away from office on outside duties. 15-16-17-18 largely campground development work; 16th on trout planting in Alpine District. Rec'd. 100,000 fry from Tahoe hatchery which were distributed in Carson waters in Alpine Co., very good planting with scarcely any loss; blackspotted species.

June 20 - To Coleville and up W. Walker to Wheeler; trip mainly Sunday one but got lineup among fishermen and campers. At Chris Flat found several campers using small rifle in ground. One nearly "potted" me and advised them of rules against this in public camp. Discussed Special Use with Barlow. Saw Selby (campground man) of Monolake Dist. who was returning to ML. Discussed various matters with him. He seems to be much interested in his work.

June 24-25-26 - To Bridgeport District. When arrived at Chris Flat resort found small fire just starting at edge of Barlow S.U. and he, with several campers was fighting it. I landed on job just after they began; strong wind and lots of pine needles. Fire in old log which must have been result of a camper; no one would admit having been near there recently.

Had men bring water from nearby creek which soon effectively quenched it.

While were fighting it two permittees came along. B. Chichester stopped to offer help which was not needed; J. D. Yeager passed by without stopping.

Went to Wheeler RS where was held over by thunderstorm; Yeager stopped in on way back from sheep camp. Told him had noticed him speeding by fire down canyon in the morning.

The recent showers over Desert creek country are very beneficial to feed on those ranges.

Went thru Littlewalker cattle range to upper end. Cattle are well distributed and forage and cattle look good. A tourist has recently destroyed one of the plank salt boxes in Long Valley to assist in getting out of mud hole. Atcheson has lineup on him and will probably call him to

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account when he returns. Went up to Molybdenite camp where had slight shower.

Feed in upper portions of range in excellent shape and cattle are working up canyons. Found one dead one, probably natural cause. Was impressed with apparent great increase of sneezeweed, a stock poison along Molybdenite creek; plants are prolific and if too close grazing is permitted would no doubt result in loss of stock.

Discussed range conditions with rider of range. He does not seem to be entirely satisfactory in handling stock and rather poor judgement in salting.

Men at Junction spoke about the Govt phone at that place which is partly on Bridgeport line. The phone Co. objects to certain use which is not official. Will see them and draw up some agreement and post at phone to show who shall pay and who shall not.

It seems that free service should be confined only to persons who may be his regular subscribers or who have business to transact that will be of value to the F.S.

Understand that Dressler has band sheep on Burcham which will come under exemption and has not yet received permit. Will take up with him.

Saw quite number deer tracks in cattle range; mainly does. Went to Pickel camp where met Levalley who is repairing fence and taking care of stock entering that territory.

New stock corral has been built near our pasture by Chango-Aldax, et al. They have left old posts and wire around which will require to be removed. Many campers along river and traffic increasing.

June 27 - Sunday - Clark has three fires in his district and got in touch with him; assisted by securing firefighters and reinforcements. Sunday is difficult day to rustle men as nearly all, including Injuns are out joy riding. Called on several rancher permittees who were able to furnish help. Toward evening, following thunderstorm in which scarcely any rain fell, noted fire southeast Markleeville, on range adjacent to Maisterrena. He was called upon to take bunch men and take care of it and Clark and Thornburg had then been out over 24 hours. This made four fires (lightning) for the day.

June 28 - On work connected with fire. Went to Hope Valley to secure services men for upper fire below Cary Peak. Stopped near Fredericksburg en route; lower fire safe and ascertained that Guard Thornburg and two of Barney Co. men are taking care of upper. Is against rocks at top but is chance spreading laterally if not held. Not burning badly.

Called at Sorensen camp, Hope Valley and asked for his help; told him he could go within 1/2 mile by horse up Horsethief Canyon. To take care of it tonight; that Thornburg is there. He tried to back out by saying was not on his range; told him was not on either Dressler or Hussman ranges but they freely cooperated without question. Told him if he did not show up at fire he would hear from us; said he would go as asked. Sorensens have small store and cold drinks joint they are now starting; found they had several signs along road below camp. Removed these and so informed S.

June 30 - Ranger Clark and I went to fire on west side valley which was set by lightning last

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evening; secured two men with horses for reaching it. The other fire which was spotted last evening and which directed Scossa to take care of is apparently entirely out. Storm yesterday accompanied by quite a little rain and atmosphere moist today. Gathered other bunch men in evening and arranged for commissary end.

July 4 - Rounded up bunch firefighters to take care fire back Fay's Canyon; various details on fire and instructions.

July 6 to 10 - in field, mainly Monolake Distr. Stopped over with Atcheson en route and discussed various matters relative to his District. Went into detail relative to campground improvement and road and trail work.

In Monolake District met Green at Leevining; went to Tioga with him in P.M. and met Gardiski who has small resort up there. It was blowing a gale and cold. He has several cabins constructed and is doing a very good business. He has held boats off the lakes until trout have spawned; shows right attitude as sportsmen.

Numerous cars making the Tioga trip. Looked over site at upper end Ellery lake; several cars there and site demands some attention in way of toilets.

Leevining camp ground was in fair shape altho had still open garbage pits which again told Green are taboo; another toilet needed across creek.

Next morning went with Green to Rush-Reverse creek territory. Stopped at Farrington ranch where discussed an addition to their S.U. near their house; pointed out just what would allow; is now pretty well covered by permit but not quite sufficiently.

Went to Silverlake where had lunch. Inspected campgrounds which are in pretty good shape; some papers around of recent scattering. Garbage containers.

Looks like Carson is shy a couple toilets and depends too much on our buildings for his patrons. Two parties wanted special use sites on Silverlake grounds; told them was all held for public. A big bunch of tourists all along creek.

Called on Griffith at Powerhouse who promised to furnish planks for two bridges on their property; he asked me to arrange to have them sent in; Green and I took measurements and will give order for heavy Oregon pine planks. Will also send in material for camp ground development.

Looked over work along road where Fredericks is clearing right of way and burning as goes. Is making quite an improvement. Will add to vision; and help as means of protection.

Looked over new fish hatchery at Fern Creek. They have some tanks in place; are laying 6" pipe for water and have quite a little clearing up done. One new building. Some stumps too high; told G. to have these cut lower.

The Supt. of plant has cabin there of his own building; while it is not property of hatchery told G. thought we might be able to allow free as long as the occupant held official appointment.

Looked over proposed site of Boys military academy. They want it below Gull Lake where public camping is not yet heavy. Will hold over and discuss with Deering.

We took all fire tools from Silverlake to new tool house at Boulder Lodge where will be much

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handier. Placed official sign on house. Material is apparently not first grade; will see the firm from which purchased. Should have tool list in house.

Inspected camp sites at Gull. One party had fire too close to trees; cautioned them and asked them to move it when fire was out. Selby, campground man, has camp here and discussed various features with him. Told him to fill in all open pits promptly.

Went to Boulder Lodge; Downes has made several improvements and nice landing. We will require two more latrines at Gull lake and two at upper end June; also tables. Will take care this material at once.

Inspected Downes' general camp ground south of boulder. He has cleaned it up nicely and has many improvements for campers. Will require two additional toilets and cover in one open pit. So informed him.

We have been having some difficulty of poachers of boats on June Lake. This by fellow named Culver who has a place on private land between the lakes. He claims that he furnishes the boats to his patrons free; I saw a lineup of his boats along our shore and asked a fellow who had just come in about chance of being able to hire one; he said to see Culver - cost was \$2.50 per day.

Went across lake to south boundary where Green has recently run out some residence lots. Found a new building on one; no permit as yet. A Mr. Smythe was with me in order to make his selection of lot here as had promised him a month ago that he might have first choice. He was somewhat surprised to find that another party was ahead of him; I told G that S should have his pick. He was not advised that these lots had been run until I arrived. G. says was oversight. Smythe picked lot #3 which G. told me another party had applied for and was expecting to get. I told G. that in view of my promise and instructions I was bound to give it to S.

The recent electric storm set two fires west of Gull lake; they were promptly tackled by Selby and Harper and did not spread. Green will send in reports soon.

Called on Mr. Barrington of Cherokee lodge; is a very pleasant fellow who had three things to take up: 1. Wanted to be permitted to place 4 hire boats on Gull lake. Told him that Boulder lodge was restricted to 4 on that lake and do not feel that more are required aside from private boats. 2. There is nice little grove aspens adjacent to his place which he wants to develop as free camp and figures that the people using it will patronize him; held off decision and will ask Deering to look it over. 3. Has portable sawmill and wants to cut lumber. Planned on furnishing lumber inside Hess Bros. territory south of summit. Told him this was not permitted. That when Hess started he was given certain limits of territory. Found he had his mill set up on our land east of State highway; discussed with him various features of government sales and policy. Went over to his mill and found had felled large tree and used in mill foundations; this had not been reported to me. Took a look over general stand of that locality; is pure Jeffrey and near edge of forest; trees are probably 60-75% thrifty and would offer only slight cut from that setting. Told Barrington that we would require him to cut the larger, mature trees and that the thrifty ones would be held. He wants smaller stuff; told him to seek the lodgepole stands where the diameter would suit him better. Advised his sawyer that they could not expect to start inside a month; that we would have to make estimate, draw up contract and advertise. He nearly fell over.

Stopped to see Culver in re his boats; he started in by vile abuse of such character that I refused

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to listen. I thereby instructed Green to proceed as follows:

Serve Culver notice to remove his boats at once from our property. If he refuses or attempts to place them there again to place under lock and key. Turn water flowing from small spring near Culver place into its natural course whereby it will be cut off Culver property; this to be done entirely on Government land. Direct Culver to clear Government land just north of his house of his property; this includes dog kennel that is near the spring and some minor clutter. Have Selby make sufficient inspections to see that this order is carried out.

Looked over Green's files; he is somewhat tardy in filing and advised him to not let this drag.

Stopped at Tioga lodge where Cunningham wanted me to look at a large witness tree which he thought had been blasted out. Looks to me like was of the big blow of 23. Could see no purpose served by blasting out this tree unless was further destroyed.

C. spoke of placing signs along roads on private land; told him where was thru Forest we discourage this; prevented it where was in our power.

Had spell of heavy rains during this trip; mainly at night. These will be of very great value to forage and Green says is one of best feed years he has seen.

Dondero says Compston has fed out Lundy canyon clean with sheep; has not respected cattle allotment there; this was reported on way out and will see Green or write him in re it.

Had to stop at Bp. and have new piston placed in Ford. Not due to low oil as case had plenty. Broke out.

Notes for action:

861 - to T. J. Smythe - Bishop, Cal., c/o Boulder Lodge - for residence - Lot #3, Rush Cr. Rec. Area; Junelake Tract, South.

Order following plank for shipment to Silverlake bridges and bill to S.S. Power Co.;

16 pcs Oregon pine -	4x12x16'
33 " " "	4x12x12'
4 " " "	2x6x16

Also 2 gal. asphalt paint for stringers prior to laying plank.

Two fire reports due from Green.

Bill material for camp grounds of Atcheson and Green; order and ship

Note to Green that F & F have not sent chloridlime; saw them on return and will send promptly; probably will leave at Farrington ranch; find where and let Green know.

Send WEG copy of letter from DO in re Barrington-Patterson sale.

PS note: Went over sales policy and management with Green, relative to prospective sale.

Was anxious to learn of public attitude regarding our lease of public camp site at Boulder Lodge, in which the permittee has developed ground and charges 50 cents per day. While arranging fire

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tools at Boulder Lodge tool house two cars stopped and asked where they might camp; told them there was "charge" camp just south of the boulder and a Government camp "free" about a mile down the road; both had same facilities except the "charge" tract was a little closer to store. They chose the "charge" camp.

July 14-16, incl. - With Asst. District Forester Deering on trip to Alpine District. Visited Crystal Springs Public camp which Ranger Clark and his Guard are developing; Alp. Co. is furnishing material; we doing work. Camp nicely cleared and number structures completed. Is above road and unbroken with forest leading up from it which makes certain fire hazard. Strip should be well provided to protect it.

Stopped at small S-22 cutting below double S. Have cut couple trees which should have been left; was intended to remove only few dead ones. Stumps high. Will take up with purchaser as soon as can see him; probably penalize for removal green stuff. Looked over Kit Carson grounds; toilet doors should be provided with better springs or means of holding shut. Garbage boxes should be provided; camp in very good state cleanliness.

Took old road to Blue Lakes; made observations on road conditions en route with view of better maintenance. Very rough in places. Mr. Deering will probably make memo regarding this.

Overnight at Blue Lakes. Some reports by caretaker as to game violations; difficult to have this matter corrected owing to distance.

Returned via Faith Valley to Bamerts and to K. Carson summit. Mr. Deering suggested we cover US portion of lake with SU and take steps regarding supervision of same. Called on Bamert; noted three fallen trees above his place; figured it on his land and he so stated. His small bunch cattle on meadow range above his place in fine condition; probably need more salt. Forage observed on upper country in normal shape; in some places well along and should have been fed.

Should have new signs at following places: Portal at Kit Carson and Grass Lakes Summits; need ones at junction Faith-Charity-Hope roads.

Returned and had lunch with Clark at camp site and thence to Markleeville and up river. Sighted small fire on Tryon range south of river near Indian Creek. We went to it and found is safe condition with two herders working on it (see report). They seemed to have used good precautions but it sneaked under large rock against which built and spread over small area.

Went to Hussman sheep camp where spent night; removed several mutilated signs en route.

Discussed range conditions with camp tender; he reports feed will hold up but slightly inferior to 1925.

Went up Silver Creek to summit; stopped at mine near top which is under development; discussed rights of locaters to timber on their claims; they are within the law governing same and have proper knowledge of operation. State highway camp located just below summit; mainly Indian crew. Toilet and horse corral too close to stream; left note to foreman to remove 200 feet.

Alpine L & R Co. have done some new road development at Kinney Lakes and reservoir. No permit for road; some small trees removed.

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Apparently no cattle have worked to the higher portion range in this basin. Quite few tourists passing over this grade.

Returned to Junction Silver creek with river and took hike up Wolf creek by old road. Phone line down in several places and needs brushing and general overhauling. Is up in working shape however as talked over it. Old road very rocky in places and will probably later improve the bed so that it may be used for protective purposes. Will place locked gate on it so can be shut off from general public as is not desired to have them drive into Wolf creek owing to interference with stockmen under permit. Should clear this grade of rocks this summer in order to improve trail traffic which is quite heavy.

Went beyond Wolfcreek to lake along river; inspected recent trail maintenance; looks OK. The sheep have passed over short portion near lake to water; should have crossed little further up where was flat and no damage would have resulted. Only slight where done and looks like have had this point in mind.

Looked over site Merrill's proposed highway which would pass up this river. Seems like a heavy job and not warranted.

Returned to fliver and looked over Camp Wells en route to Mkv. Camp in good condition. No smoke in sight from fire of yesterday. Portal sign post in need of paint.

Went out to Hot Spring RS. House needs painting; not looking very habitable inside.

Discussed this case with Mr. Deering: Propose abandoning this station and special using it if possible. The site is too far from Mkv for use of officers; pasture too far out from town headquarters; involves great amount time in using pasture for horses. Propose special using pasture to stockmen and securing pasture by some means in or adjacent to Mkv.

Mr. D. suggest we change location of our road signs at Mkv junction as are misleading. Place about 100 yds further west at junction of Hot Spr. road and Thornburg lane. Should cut small tree in front of portal to Hot Springs. It obscures view and is very close to road.

Requisition new Headquarters sign for Mkv and probably place just below road front of station.

Looked over firetools at Mkv. Mr. D. will probably give memo as to additional requirements.

Returned to Minden.

July 19-23, Inc. - On trip with A.D.F. Deering to Monolake and Bridgeport Districts. En route we inspected Chris Flat campground and went to June lake; left note for Green at Leevining and G met us at June lake.

Made detailed inspection campgrounds in Reversed creek-Rush creek basin. Took up specific matters with various permittees and camps relative to occupancy. Downes is placing two additional toilets in his leased camp; will improve cond. of toilets at his Lodge. Took up Culver complaint and Mr. D. will make comment. Reviewed Collins summer home south end J. lake and decided on definite lined Smythe lot. Told Collins to clear up trash along his roadway; will have small portion same rearranged to enlarge Lot #1 there.

Discussed various matters with Barrington; he will not be permitted to place commercial boats Gull lake. Gave him supply fire permits. Discussed definite lines and plans his camp he will lease from US. Green will survey soon as possible.

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Went to B. sawmill site near end Rev. Cr. road; not enough merchantable timber there; will move south to near summit and set up where timber mature and more suitable size; pointed out to him character trees we would mark and discussed details of operation. Promised make sale on return office. His mill is small and experimental; discussed limits of his market area as outlined in D.O. letter- Barrington-Patterson.

Called on Carson and inspected grounds there; told C. would permit him 6 boats Grant lake instead 4. Told Green re this.

Reviewed summer homes east side Silver lake; helped permittee find his stakes on west side lake.

Looked over fish hatchery and summer home Walters. Advised him would give regular paid permit. Some high stumps and camp waste called attention.

Discussed site Boys military academy; Deering approves site with about 5 acres at place they desire.

We rode up to lookout point west June lake; decided that lower peak just west lake is suitable; propose trail from old road be constructed to it; small cost and easy to constr.

New phone line from Bishop to Boulder Lodge now going in. This will provide added fire protection and communication.

Went to Monomills and summit to east to inspect conditions.

Old pipe line poor repair and nearing end use. High cost replacement probably will preclude repair in few years. D. suggest inspection old roads Monomills - Sandflat with view clearing of windfalls; will have Green make trip over these and report condition with number trees to be removed. If large will probably pay to buy power saw.

Went to Tioga summit where remained Gardisky camp overnight. Need portal sign summit marking Mono. Many campers Ellery lake and Saddlebag. Rode to latter on return down canyon.

Ford developed extra noise so stopped at Hess Garage; found needed new set false teeth which had placed in transmission.

Planned to go to Virginia lakes and look over special uses; when arrived Conway summit saw big smoke; returned Bridgeport - Bryant told of fire in W. Walker; we hurried there and found quite a fire west of Tollhouse. Atcheson and Levalley on it with crew; sized up situation and gathered reinforcements. Took crew up via Mill canyon where met fire front and kept on it until 10:30 next day. In P.M. the line looked safe and sufficient patrol to take care of it. Mr. Deering received wire to return Frisco; took him to Minden in time to catch evening train. I hit the hay as had not closed blinkers for 36 hours.

July 25 - Received word high wind had caused fire to break again. Atcheson phoned in for help; got crew 6 men permittees Carson valley and 5 Smith valley sent out promptly; also 5 men for Monday patrol. Sent for Brokenshire to go over and help out. This morning looks good and apparently under control.

PS - While at June lake, Culver told Mr. Deering that Downes of Boulder Lodge was "bootlegging." I went to Downes and told him that one person had made such statement; that I

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did not believe the report not only because I did not consider he was of that type but that such action if true would jeopardize his lease. Downes flatly denied the allegation.

July 30-31, Aug. 1-2 - Trip to Sweetwater District. Discussed with Ranger Brokenshire development of water and went into detail with him house projects. Took certain material pertaining to this project from Minden to R.S.

Water development near Masonic on sheep range is practically completed; scarcely any balance so cannot take up further work on range this year.

Went over Sweetwater flat via Rickey mine, to Lobdell lake camp where spent night. Forage in back country is drying up fast and meadows are short. Cattle taking more to hill feed; probably will have to be brought off range early account drought.

Trail in very good shape; some slopes along Desert creek are lightly damaged by sheep. Told B. to caution herders in re this.

Desert creek getting low. The McKay-Yeager pasture permit at Scheel camp in poor repair; fence down and looks abandoned. Told B. to advise permittees to fix fence or take up wire in which case we would "close" case. Is menace to horses in places. They do not seem to need this pasture at this time as pack in to other point.

B. says range division between McKay-Yeager is about right; he proposes cutting Yeager off range east drift fence next year and giving to McKay. Yeager's herder fed there this year and went over on Desert creek to east (C&H) to water. Yeager apparently has taken old sheep and lambs over McKay range down Desert creek to separate. Should have gone by his own range.

B. says Fulstone is going to build short piece road from end driveway to his camp on cottonwood; will be handy for him and for us.

B. has small trail crew in Swauger; they will soon have trail completed.

Return SW via summit route. Quite little mining activity on Sweetwater creek; new strikes of good stuff reported.

Came down canyon. Sheep have not fed this portion much and quite little has dried up. Cattle in lower portion; they should be placed in canyon earlier as can feed there to advantage.

B. complained that his mail bag is not hung up by carrier as should be. On our return was lying in road. Told Andersons a month ago about this. Saw them this morning and advised that we must have the carrier hang bag on hook provided. He promised would.

Brokenshire will get Ford ton truck for use on road and water development. Discussed sales and work in general.

Aug. 12-13 - To Sweetwater RS mainly for purpose of placing concrete base for engine block; Brokenshire is away on fire fighting and will need engine soon after return for constructing water tank. Secured services P. Simmons to help; hauled several loads rock and gravel and made concrete.

Went to Bridgeport RS late evening. Recent heavy rains down E. Walker River had badly washed roads and made in very poor condition.

Had talk with P.O. Inspector who called at RS. Told him of matter of poor delivery mail sacks

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at SWRS. He suggest box for holding the sack.

Ranger Atcheson not at BPRS; several tourists called during evening and attended their wants.

Late this PM (13) had call from Coleville stating fire was reported near Toll house. Tried to get Guard Levalley at Junction or Wheeler. Told Tracy at Coleville to take four men and to let me know by phone how things were going. He phoned later that fire safe and Levalley had arrived soon after report received.

14 - Started to fire 6 AM in order to look over conditions. Levalley in charge and had well under control; he will stay all day and return tomorrow for patrol. Left pack pump with him which used to very good advantage on several old logs. L. says will be handy in connection with burning out garbage pits. Returned to Minden in afternoon.

Aug. 18 - On Sweetwater water development.

Aug. 19 - At Reno where had some repair and additions to Ford which could not be done locally.

Aug. 19-20-21 - Mainly on installation of water system at and for Sweetwater RS. Got engine and pump set and main line from water supply; discuss District matters with Brokenshire.

Aug. 28 to Sept. 6 - On trip to Frisco. Observed conditions and public camps on west side to and from; went via Placerville; returned via Kit Carson road.

Many hunters (deer) along return route above Pine Crest. Were having good success as saw many with game.

Discussed a number matters with various DO men and made several purchases Govt. equipment.

Sept. 13-18, incl. - Trip mainly to Monolake District. Took up work mainly with Ranger Green regarding District. Reviewed home sites survey south end June lake; no provision made for break which would allow access to lake, etc.; no road designated thru certain lots where necessary. Told Green to rectify this and suggested about what to do.

Saw Carson and went over his desires regarding building and extension; approved extension his lot north to Dry creek thru bridge; west line will remain same as is necessary to hold that for campers. Looked over proposed new power plant C. wants to construct. Told him will require new permit.

We should appropriate water coming to Barrington SU camp as will be necessary for future US areas.

Collins has not yet cleaned up litter resulting from construction his road.

Many campers still in basin and Boulder lodge was about full. Several in his public camps. He will send data at end of year to show use of this tract.

Are catching many trout; seem to run smaller than last year. New hatchery in basin nearly completed and of excellent appearance. Fry about all distributed.

Reviewed road graveling; big improvement and should be very effective. Balance road chunky but not practicable repair at this stage game. Will do early in spring.

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Special use sites summer homes in big demand and a number of very creditable cabins have been built. Selby services terminate on 15; he has proven very good and promised job next year if he wants it. He will do some road work this fall; widen rocky ledge near end big bridge and place side rails at other bridges; also paint wood sides.

Spend quite little time in trying to check on survey of line along the Pat. 80 between Gull-June lakes. Ran several lines but did not tie in well. We found Twp cor. and Green will run 2 miles south this and to ridge where he can get shot to cor. directly west and cut line at 1/2 mile. This should establish beyond question.

Looks like we would acquire two cabins and possibly a store. Bug trees still do not show any appreciable infection new this year. Downes will cut out all dead ones in his area this fall.

** Visited Barrington saw mill and inspected area. Mill closed temporarily for large engine. They are getting out some good looking lumber considering all features.

Stumps are being cut low; large snags not yet felled. During July, in company with Deering, the purchaser was shown type of trees we would mark; Green was present. I found that the idea was not carried out by G. as a number of smaller, thrifty trees had been marked and silvicultural points not closely observed. Called this point to attention of Green and will inspect later to see later conditions.

Purchasers desires too strongly met at expense of approved methods.

The Auto Association has posted "Boundary" under our sign at Grant lake. This is a duplication not called for; they have also done same at Walker canyon and BPRS.

Action: Written memo to Green re marking.
 Forestry literature to Frank Hoyt - B. 148 - Bishop.
 Send material for siderails to Green - for Rev. creek road - bridges; paint for same
 and bridges.
 Send Green authorization have this done.
 Have poster made this winter relative to use of lake by boats - priv and rental.
 File on water for small stream.
 Look up claim auto for Chas Doyle; says was not paid enough.

Called on Atcheson on way back; stopped overnight and discussed general matters with him; He will loan Levalley to Brokenshire few days to help on water development.

**Told Green to submit scale reports regularly on this sale; There was slight cut beyond deposit which G. has taken care of.

Sept. 27 - Oct. 1 - To Sweetwater and Bridgeport Districts. Took some material to Brokenshire at Sweetwater and discussed construction of water system, etc. He will soon place concrete.

Stated that Fulstone has constructed short piece road from stock driveway to their camp on Cottonwood; we will help finance this as will be of value to us.

Went to Bridgeport RS where met Atcheson.

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We visited and inspected following improved camps. Green Cr., quite a lot of work accomplished; maintenance of road leading in has been done and greatly improves the route. No campers in now; the new type garbage box leads to keeping grounds much cleaner than old pit type; scarcely a can left loose.

Visited Virginia creek camp. Similar conditions as Green Cr.; McPherson has laid out large tract private land where plans to sell lots. This is near Trumbal lake. No campers in region.

Garbage boxes contain quite lot of trash which should have been emptied during mid September. Repairs to Virginia creek road quite an improvement. Some mining excitement along Virginia Cr.; several claims staked out along creek.

We made trip over portion Sario range and cattle range. Stock pretty well out. Brush very dry and streams low.

Cattle from LW in Sario field as arrangement of last year. The forage there is still good and will hold out until about 15th Oct.

Some north slopes Sario range showed undergrazing of early feed. Quite lot old grass and sunflower left.

A. pointed out where plan to place new span drift fence to LW range; this will eliminate two longer spans and cheapen maintenance.

Visited Leavitt camp which was in clean shape. Garbage boxes rather full and should have been emptied about middle Sept.

Mason is going ahead with his resort; has two rent cabins and residence. Went over his plans. Has icehouse and plans to put up ice this winter.

Visited sawmill near Devils Gate. They are shy on spark arresters and other fire prevention equipment.

Atcheson had pointed out some witness trees some time ago to man in charge; we found one cut and posted signs on all. Called attention of manager to this violation. Tree was on private land which lead him to think was outside our jurisdiction.

We changed Fremont sign from unused road to highway at Swauger Cr.

Talked over fall work with Atcheson; discussed sales and grazing, etc.

Returned via Sweetwater and brought check valve in. B wants 4 sacks cement additional; will send.

Went over portion Yaney trail; completed this year. Brush not yet piled over portion right of way.

Oct. 4 - To Woodfords and canyon; looked over new campground dev. in canyon. Area nicely cleared but piled in many places where cannot be burned. Requires garbage boxes in lieu of pits.

Dressler cattle coming out of range. Cattle look rather poor condition although many calves with them.

Oct. 11-12-13 - Field examination of Carson fire called for by D.F. See report.

Oct. 19 - To near Woodfords where ton truck was stuck. Towed it to Gardnerville and

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arranged to have bearing put in.

Oct. 27 - To Markleeville where conferred with Alpine Co. assessor to ascertain various grades of land and his manner in arriving at these grades in order that might be able to grade ours in taxation study. Went to Hotspr. RS. Clark and Mike are painting building there. Suggested a fire strip around the station as protective measure. Discussed with Clark.

Nov. 22-23 - To Bridgeport and Sweetwater. Appointment at Bp. with Mr. A. Violette who tells me he is purchasing land in Rev. creek belonging to Silverlake Pines. Contemplates erecting large hotel and having golf course, etc. Wants to expand on Govt. land and asked for all adjacent territory to make place exclusive. Told him of present status of recreation there and of leases and policy of leasing.

Told him his proposition was too wholesale and could not be approved without greatly paring it down. Told him we might consider leasing golf grounds in meadows and on west side north of Gull Lake; stated that would make no definite promises until had gone over ground personally and had a thorough discussion.

He wanted me to look it over tomorrow; told him was impossible as had appointment Sweetwater tomorrow.

Roads up to Fales sloppy and have had good rain. Sario moving sheep out to Antelope; one band at Devils Gate.

Saw Mr. McAlle regarding cutting logs for house; wants firekilled or injured logs average 12" dbh. Told him could probably select such near Tollhouse and when he was ready to take out sale.

Leland Day asked for permit to cross Philatro range to home ranch. Told him OK and to see Brokenshire.

Went to Sweetwater; Fulstone sheep coming out; at Spring near station. Went over various lines work with Brokenshire. He has plumbing job nearly finished. Pump works OK; tank leaks and will require cementing.

Plan on helping him with bathroom next week if weather permits.

Went over road repair with Simmons near Wiley place. He is making turnout and widening narrow stretch as well as removing a high point which obstructs view. Doing good work; told him to use more powder in places.

Heavy rain over country in general should help feed conditions.

Nov. 29 - In Reno where discussed matters with J. Clemmons re A.V.L&C Co.; securing certain US supplies, etc. Left typewriter at repair shop.

1926

District Forester Redington's inspection of the Mono August 21-29, 1925 was written up and the memo transmitted to the current District Forester Show (rhymes with plow) with a cover memo dated July 5, 1926. The cover letter and memo are as follows:

Falls Church, Va.
July 5, 1926

D
Inspection
Mono

District Forester -

Dear Show:

I am attaching a series of notes concerning my trip on the Mono last year. I am might sorry tht I haven't been able to make a finished report, but the job here does not give me many minutes to spare.

On the whole I was greatly pleased with Maule's handling of his Forest. He is well liked by his men and users. He knows his Forest. He understands the growing importance of the recreational use of the Forest and appears to have a good grasp of the grazing and improvement work.

He must realize that occasionally he will have a bad fire and should do his best to prepare for it. I will try to get my notes on the Eldorado and Inyo forests off shortly.

Sincerely yours,

P. G. Redington

July 31, 1926

D
Supervision-Inspection
Mono

MEMORANDUM FOR SUPERVISOR:

(Trip made in 1925)

Fire

I learned that humidity records are not kept on the Mono. There is a phsychrometer in the

office and suggested to Supervisor Maule that Clerk Young take daily readings.

Quarters

The office quarters at Minden are as usual in spic and span shape. None better in the District. The store house and garage at Markleeville should have a Forest Service sign on it.

Bridgewater R. S. - (should be Bridgeport)* The buildings at this station, which is on Government land, are freshly painted and well kept. Fire protective arrangements seem to be O.K. Atcheson has done a great deal in the planting of trees and flowers to make the grounds look attractive. The signboard on the road in front of the station is one of the best that I have seen. No traveler can go by without knowing that he is passing a ranger station.

Pickle Meadows R.S. - The ranger station at Pickle Meadows consists of a one room cabin with corrugated iron roof, well painted; very neat shape. Has good pasture in connection. Serves as an outpost station for Atcheson.

Wheeler R. S. - This station is located on the main highway between Minden and Bridgeport. Is a two room cabin, small barn, latrine and pasture fence, good spring water and a good pasture. Building well painted and very neat and clean. Is used by Bridgeport ranger when he is riding this part of the district.

Sweetwater R. S. - The Sweetwater ranger station is located 1 1/2 miles north of the town of Sweetwater on the main road between that place and Carson Valley. It has a station house of three rooms, a combination store and toolhouse, in which the bath tub is located but used, a barn and good pasture. The pasture fence, however, needs straightening up. There is a fairly good water supply. The spring from which the water comes is not heavy enough, however, to give a gravity flow that will put it in pipes in the house and it has to be hauled from a small reservoir near the porch.

Leevining R.S. - This serves as headquarters for District Ranger Green. It consists of a well built house, an old barn, a good pasture and fence. In addition, the ranger is constructing a vegetable storage house back of the main station. The barn is an old structure and should be replaced when funds are available. The manure in the barn had not been removed in the last few days.

Minor Roads and Trails.

The trail from the head of Buckeye Creek across Buckeye Pass and down to Piute Meadows on the West Fork of the Walker River was built under the direction of Ranger Atcheson and is a very good job, conforming closely to specifications. Incidentally it is well blazed with the Forest Service blaze.

The trail from Piute Meadows on the West Fork of the West Fork of Walker River, which crosses by Fremont Lake to the main West Fork of the Walker River was built in 1920-21 by Ranger Atcheson and was a good job. Nothing extravagant about it but the kind of a trail needed to give reasonably quick access into what was before a comparatively inaccessible portion of the Mono. This trail follows the route taken by the emigrants in the fifties and as we traveled we noted the remnants of old wagons which had been abandoned one by one as the emigrants found

the country too rough to go further with such equipment. The three notches which was used as a blaze by the emigrants was still in evidence on many old trees.

While at Sweetwater on August 27 I had a talk with Mr. E. W. Gallagher, who married into the Yparraguirre family. This family for years has owned a large range here at Sweetwater and run the hotel and post office. Gallagher, since the death of Yparraguirre, is apparently running the place. He seems to be very friendly to the Service. He believes that we should take the county funds now put on county roads within the National Forests and do the work. He believes we can keep the roads in better shape than can the county officials and Gallagher said he would discuss the matter with the county commissioners to secure their attitude toward such a plan. In this connection see my memorandum to the Supervisor, same designation, of October 15, 1925.

At Sweetwater I met a Mr. Wedertz, one of the county commissioners of Lyon County. He agreed with Gallagher that the commissioners would like to consider the proposal of cooperative road maintenance. I believe there is a possibility in Mineral and Lyon Counties to make a big hit with the local people if we follow the plan so successfully initiated by Supervisor Benedict on the Sierra, which provides that from what county funds we can obtain, plus necessary development funds, we undertake to keep certain mileage of the county roads within the National Forests in traversable shape. Supervisor Maule should certainly see what can be done to work out a plan which may be followed on the Mono. If the county has not the proper road making equipment, we may have to put some investment in new equipment, but I believe, having seen the very poor condition of the county roads for miles within the Mono Forest, such improvements as we would put in would make easier our administration and would certainly be appreciated by the people of the county.

I went over the trail between Agnew and Gem Lakes, partly built by the Southern Sierras Power Company but relocated and maintained by us. Just below the Gem Lake dam Ranger Green, in order to cross from one side of the canyon to the other, has put in a very novel railed and cleated bridge, which permits pack stock to avoid what otherwise would be very rough going.

The trail continues from Gem Lake up to Agnew Pass but we did not have the time to go on it. On our return down to Silver Lake Maule and I walked back over it. Some of this trail was built by the Power Company in connection with its construction work at Agnew and Gem Lakes, but a considerable amount of relocation work has been done by the Service.

While on the trail we met Tom Harper, the man in charge of the trail maintenance crew and his helper. These men have been working on the job of brushing out the trail and I learned that about 4 miles of trail had been cleared out and brush cut for about \$20 a mile. The trail in spots is wider than specifications but this is due to the fact that it was originally built on fairly high standards by the Power Company and the heavy travel and recent maintenance has led to a wider trail than ordinarily would be called for.

Supervisor Maule was given some money last year to put in a road over the head of Silver Lake to the main highway, a distance of about 6 miles. The road has been put in on good grades

and alignment with an average width of not to exceed 12 feet, but the heavy use to which this road has been put by the traveling public has worn it down and roughened it up to a point where a considerable amount of money must be put in on maintenance and in connection with the allotments next year Maule should receive due consideration for this project. This project is known as the Reverse Creek Road.

I received, following my trip on the Mono, a statement from Supervisor Maule as to the roads which we must either maintain ourselves or help maintain. A map is attached showing the location of these various roads. I judge that Supervisor Maule will include in his request for allotments next year an estimate of the money needed to handle the maintenance work indicated on the above list.

Use of Airplanes.

While on the Mono I visited the landing field constructed by the Mono Mines Company near Sweetwater, Nevada, at a point lying about three miles north of the town on the main highway to Carson Valley. As I recall it, the elevation is approximately 7000 feet. The landing field is a sage brush flat from which the brush has been cleared off. It is about one-third of a mile square or large enough for a DeHaviland to land in. The mining company has a good hangar and a stocking. This field should be located on maps for the use of our pilots if they have occasion to get into this territory.

Personnel.

Ranger Brokenshire. I missed seeing Ranger Brokenshire at Sweetwater when I was there on August 27. He had missed connections with mail indicating our schedule. I am informed by Maule and local people at Sweetwater that Brokenshire is taking hold in good shape. He had only been at the station a month and was busy learning his country.

Ranger Clark. On August 21 went over the work plans with Maule and Ranger Clark for the latter's district. Clark's control sheet showed a fine list of jobs, as did his monthly plan, and his execution of the jobs (according to the written record) was excellent. He does not estimate in advance any time for fire suppression.

Clark rents his place in Markleeville. We pay for rent of office, which is his house, and barn. Condition of things was good. Office exceedingly well kept. Clark carries with him a so-called "brain book" which has in it all pertinent information regarding the grazing business of his district - name of permittee, range, cattle or sheep permitted, brands, stumpage prices, forest receipts, etc. His tools and equipment and food supplies were in good shape; everything assembled for a quick get-a-way. I am strongly impressed by his systematic way of doing things and his interest in the job.

Ranger Atcheson. On August 26 I went over Ranger Atcheson's work plans and found that his control sheet tallied with activities rather than jobs and suggested that a change so as to

include jobs be made next year. I got the impression that Atcheson does not consider the work plan idea as seriously as Ranger Clark

Ranger Green. I went over the Leevining Creek district work plan with Supervisor Maule and Ranger Green while at the station. Green was not feeling very well at the time, having a very severe headache. He also has some chronic trouble which worries him a great deal and I think the condition of his health was responsible for a show of impatience which was displayed over the discussion of the work plan. He apparently does not think much of it but by a check of his plans, particularly his monthly sheets, I figured that he was not departing very far from the plan in getting his jobs done. He says that there is so much paper work imposed on the field men now that a good deal of field time is sacrificed in order to keep records, reports, etc. in shape. I believe that Supervisor Maule should make a harder drive for the better planning of time. The present forms used for our plans do not seem to me to be too cumbersome or detailed. The men on the Mono have been long enough in the Service to know pretty well what their jobs will be at the various seasons of the year, and I think with a little bit more push by the Supervisor in this respect the work plans will be looked on with more favor and the schedules adhered to more closely by the rangers.

Field Time. The following table will give an idea of the field time of the rangers on the Mono for the first eight months of 1925. The figures show approximately alike time spent by all four of the men for the period in question. Probably as much time will be spent in the field in September and October as in July or August, but the field time for November and December will show a sharp drop. I did not have this chart with me while I was on the Forest and therefore was unable to discuss it in detail with Supervisor Maule.

Field time of officers for 1925
First eight months.

	Alpine WJC	Bridgeport HWA	Mono Lake WEG	Sweetwater CEJ	WJB
	<u>Hours</u>				
Jan.	27			32	
Feb.	99	141	96	92	
Mar.	18	50	69	25	
Apr.	65	36	45	87	
May	137	148	152	182	
June	189	171	111	187	
July	182	198			121
Aug.	211	191	204		205
Total	928	935	927	605	326
					931

<u>Days</u>				
8 Hrs.	116	117	116	116

A short computation shows that for the eight months for which time is shown an average of 14 1/2 days for each month was spent in the field. If this average continued for the balance of the year the rangers would have spent only 174 days out of a total of 300 working days, or approximately 60 per cent of their time in the field. I believe that the men on the Mono should be able to do a little bit better than this, although I must admit that for at least six months in the year, if climatic conditions are not extremely favorable, there is not much field work to do. The Supervisor, together with his men, should make a careful study of this time problem to figure out if enough time is spent away from the office and if such time is best utilized through systematic arrangement of work to be taken up while in the field.

Signs

The Gibbet sign on boundry of Woodford road is an attractive one and well placed. This comment also applies to sign on East Fork of Carson River. Fire signs in evidence and also well placed. The signboard work in general is excellent. On some camp ground signs the Forest Service badge was not in evidence.

Boundaries

Maule and I had a talk with Superior Court Judge Price, of Alpine County on August 21 and he indicated that there would not be much local objection to the proposed addition in T. 9 N., R. 21-22 E. He believed the County officials would be in favor of it, since the public lands to be added now pay no revenue to the County. We discussed land exchange in general with him and he did not seem to be opposed if County revenues would not seriously suffer thereby.

On August 21 Maule, Clark and I went up to the Heenan Reservoir and from a point near it had a good view of Bagley Valey and part of the country adjacent to it, proposed for addition to the Mono Forest. Clark's report on this gives the fact concerning it. He will rewrite report in accordance with request from District Office. The territory is very similar to lands in the Forest both south and north of it and for the protection of the timber within the area to prevent overgrazing and erosion, this addition should be advocated strongly to Washington.

Recreation

At Walker Lake, the shore of which is largely in Government ownership, we have a very peculiar situation. A man named Scott, who recently ran Boulder Lodge on June Lake, has bought 160 acres at the lower end of Walker Lake and controls the road to this place from Farrington's ranch. There is a question if the old road leading into the lake was ever used sufficiently to make it a public highway and Scott's ownership of land and his proprietorship of the road which he has built in apparently gives him the license to post the road against automobile travel. He says he does not object to horseback riders or hikers.

I was interested to learn from Supervisor Maule and Ranger Atcheson of the existence of the Little Walker Community Cattlemen's Association - organized in 1917 - and reorganized in 1924 in order to give it more definite control of the stock. Ranger Atcheson is in charge of the supervision of the range. An advisory board of three members of the association recommends range allotments, number of cattle, character of bulls, etc. These matters are, of course, subject to approval of Forest Supervisor. One dollar a head is the assessment for expenses. 1260 head of cattle are grazed on a township of land. A systematized salting plan is in effect, with salt logs well distributed and numbered. A range rider is employed to keep the stock properly distributed on the range.

On August 21 Supervisor Maule and I talked with Fred Dangberg of Minden. I understand he is going to the Salt Lake meeting on August 24 (Public Lands Committee). He does not apparently agree with Metcalf in all of the latter's beliefs, nor with the policy stated by F. E. Gedney of Idaho, as published in the last "Wool Grower". He does believe that the regulation as to tenure - fees, etc, - should be made matters of law. He is favorable to the addition proposed in the vicinity of Bagley and Slinkard Valleys and promised to get other stockmen to support through petition.

On August 23 I rode with Maule and Atcheson up Buckeye Creek, which is grazed by both sheep and cattle. Some of the meadows in the canyon appear to be in an overgrazed condition; the only overgrazing which I saw while on the Mono. I believe that this situation ought to be studied and an attempt made to eliminate the dual use by cattle and sheep.

Sheep graze on the North Fork of Buckeye Creek and at the head of the West Fork of the Walker River, but I saw no signs of overgrazing.

On August 28 Supervisor Maule and I, with Ranger Green, briefly looked over the sheep range at the head of Leevining Creek. Not very far from Tioga Pass a herd of sheep was grazing adjacent to the highway and looked to be in very good condition, as did the forage, which consisted of a short-haired grass found at high elevations in the Sierras. We also went up to Saddle-back Lake, in the vicinity of which sheep are also grazed.

The relationship between the officers of the Service on the Mono and the prominent men of the community, as well as the users, seems to be a very friendly one. Mr. Dangberg, at Minden, is in pretty close touch with Maule's office and while he has some views regarding our grazing supervision which differ from our own ideas, in general seems to think that that class of work is being well handled.

Superior Judge Price, at Markleeville, is a firm friend of the Service. Years ago he was opposed to National Forest administration but he has switched to an extent where he has become convinced that our policy of land exchange will not be frowned upon by the county authorities and that we are the only agency which is in a position to help out on roads.

Wherever I went on the Forest the men of the organization seemed to be highly respected.

The proprietor of Carson's resort on Silver Lake was distinctly complimentary in his remarks about Ranger Green.

Insect Control. Much damage to the firs by insects was noticed in Buckeye Creek and on many other portions of the Forest. The porcupine damage to Jeffrey pine in Buckeye Creek was also very great.

Bigtrees-Markleeville. Aid on this to be asked by County. Talked with Judge Price about the situation. People are not satisfied with what the State is doing. Went over the road from Markleeville to Ebbet Pass on August 21. Very good roadbed and fair alignment. Some sharp grades from Silver Town up. Am told by local officers that road gets very slick in wet weather. Width not over average of 14 feet over all. Is a good project for forest highway funds if State does not continue progressively to improve it. Much of present road can be used for permanent route. Might be advisable for Bureau of Roads to make a survey here.

District Forester

(End of inspection memo)

1927

Jan. 5 - In Reno conferring with Board Commissioners of Washoe Co. re problems fire protection. They placed Guard in Tahoe region last year under charge of FS. Tahoe. Considered arrangement very satisfactory and well worth while.

Secured various ideas in order to apply to Ormsby Co., when take the prop. up with them.

Jan. 19-20 - To Carson and Reno in order to take up matters with various officials relative to forest fire prevention on east slopes. Conferred with Mr. Durham in Reno relative to new legislation bearing on fires. The matter of a law similar to Calif., which would give authority to require men to fight fires. He stated that such a law would seem advisable for Western Nevada. Discussed same matter with J. D. Yeager of the Nevada Legislature; he agreed to the necessity as an aide to various Counties in carrying out protection.

State Highway Engineer Borden was not favorably inclined and finally thought that if enacted should be applicable only to Nevada Citizens.

Discussed with Borden protective measures along his system of highways in the Sierra slopes. It seems that a very effective plan will be put into play which should almost entirely eliminate past dangers. Brought up subject of rest camp near summit. This will likely be established later.

Borden will write me letter outlining policy and proposed activities. Discussed proposed highway near Topaz lake. Told him was an approved B.P.R. project and we should get behind it if we wanted early action. Discussed this with Sen. Dressler along same lines.

Noted that V & T R.R. is having brush removed from certain portions of their right of way near