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ANNUAL REPORT

ANTOINE PRIMEAUX

1939

AC 0089 / 1 / 61

A N N U A L N A R R A T I V E

R E P O R T

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Statement of Agricultural Extension activities in Eureka County, Nevada, with the assistance and efforts of representatives of the U. S. Department of Agriculture, University of Nevada, and Eureka County Farm Bureau cooperating.

BY

ANTOINE PRIMEAUX, ASSISTANT DISTRICT EXTENSION AGENT

FOR THE PERIOD FROM

JANUARY 2, 1939 TO OCTOBER 31, 1939

ELY, NEVADA

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1. AGRICULTURAL ADJUSTMENT PROGRAM.

The County Committee in Butte County consisted of the following ranchers: Fred Bartine, President; Reinhold Sadler, Vice-President; W. H. Blair, Joe Bell, and Miss Alma Woods, Members; C. R. Townsend, Secretary; Elizabeth Jacobsen, Treasurer; and Antoine Primeaux, Assistant Secretary. The Administration of the Program is handled from the District Extension Office at Ely, where there is an office secretary maintained by pro-rating with the other four counties, handled under the office.

(a) 1938 Crop Program.

The Assistant Agent took over his duties at the first of this year it was noted that all applications had been submitted under the Crop Program; payments were made for practices performed amounting to \$358.26 for fourteen cooperators. Practices performed for payment included renovation of alfalfa; planting of alfalfa, clovers, and grasses; construction of water spreading dams.

(b) Range Program.

Applications were completed and submitted for payment which amounted to \$1,117.65. There were four springs developed, 6624 acres of deferred grazing, two wells, and 1212 pounds of seed sown on 303 acres, with 11 cooperators participating.

(c) 1939 ACA Program.

Under this Program there are 18 applicants in the county, these are estimated to amount to \$1431.13. There was 222.9 acres of alfalfa

renovated, 53 acres of reseeding of adapted grasses, 30.5 units of reseeding by non-crop pasture, and 136.8 units of deferred grazing on non-crop pasture land and 9 units of ditching.

Wheat Parity applications for the County will amount to \$156.97 with 9 cooperators. The County had 11 wheat allotment farms with 9 cooperators in 1939 under this program. It is estimated that there will be an estimated \$148.68 to be paid these cooperators.

(d) 1939 Range Program.

In 1939 there are 9 cooperators under this Range Program. It is estimated that these cooperators will receive \$1125.35.

(e) Meadow Improvement.

This project is handled in connection with the ACA Program in Eureka County.

Studies under this project have not been definitely tabulated to show any results. Projects will show:

- Acres of land affected.
- Number of pounds of seed sown.
- Number of acres deferred.
- Percent of increase in grazing capacity.
- Percent of yield on hay land.

2. FARM BUREAU COOPERATION.

The Board of Directors of Eureka County Farm Bureau for 1939 are as follows: Edgar Plummer, President; Alma Woods, Vice-President; Mrs. Reinhold Sadler, Secretary-Treasurer; Isaac Handley, J. P. Jacobsen, Mrs. Wallace Bailey, Fred Bartine, and Mrs. Charles Damele, Directors.

The Agent and Assistant Agent cooperated with the Eureka County Farm Bureau in their program of work. The County organization was active in working for feeder roads in the County. Cooperation with the Biological Survey in a gopher and squirrel control program in Diamond and Pine Valleys was carried on; also, measures and reporting of infested areas in cooperation with the ACA Program, and with the Agent, Mr. Townsend in a Bangs eradication program.

One of the special programs of the Eureka County Farm Bureau is the social activities of the year. These activities included card parties, picnics, dances and shows, and lectures. These programs bring together a great number of ranchers of the County. By doing this each is able to have a chance to visit with a neighbor which other wise would have been impossible.

In this County there is only twenty-eight ranching units; seventeen belong to the Farm Bureau. This organization, for one of its size and conditions within the county under which the work is carried on, has been most active. Good leadership in its board of directors has of course been responsible.

3. 4-H Club Work.

It is rather difficult to handle 4-H Club work in this county because ranches are widely scattered and members have to rely on their parents as leaders. The Agent enrolled four members in the 4-H Club, two carried out their projects. There is a need for 4-H Club work in this County. Even though ranchers are far apart and there are only a few children. Mrs. Helen Tremawan, Home Demonstration Agent, carries on club work at Beowawe.

Eureka County, Nevada

VII. SUMMARY OF ACTIVITIES AND ACCOMPLISHMENTS

Total months of service this year.....	10
Days devoted to AAA.....	13 $\frac{1}{2}$
Total days in office.....	2 $\frac{1}{2}$
Total days in field.....	16 $\frac{1}{2}$
Number of members in Eureka County Farm Bureau.....	17
Number of communities where extension work should be conducted.....	5
Number of communities where extension work is conducted.....	6
Number of different voluntary project leaders of committeemen actively engaged in forwarding extension program:	
Adult work-----	
(Men.....	4-H Club--(Men.....
(Women....	(Women.3.
Number of different paid local leaders engaged in AAA.....	5
Number of 4-H Clubs.....	2
Number of 4-H Club members enrolled.....	4
Number of different 4-H Club members completing.....	2
Number of farm or home visits made in conducting extension work.....	50
Number office calls relating to extension work	2
Number of news articles or stories published.....	1
Number of individual letters written.....	64
Number of circular letters prepared.....	19
Number of bulletings distributed (AAA bulletins included).....	18
Number of method demonstration meetings held.....	0
Attendance of method demonstration meetings held	0
Other meetings of extension nature participated in.....	7
Attendance	86
Number ranchers participating in AAA crop program	18
Number of ranchers participating in AAA range program	9
Number of meetings of AAA County Committee.....	3
Number of AAA County Committee meetings attended by agent.....	3
Number of AAA news articles prepared.....	1
Number of AAA farm calls.....	28
Number of AAA office calls.....	2
Number of AAA telephone calls.....	0

Respectfully submitted

Antoine Primeaux
 Antoine Primeaux
 Assistant District Extension Agent

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Statement of Agricultural Extension activities in Lander County, Nevada, with the assistance and efforts of representatives of the U. S. Department of Agriculture, University of Nevada, and Lander County Farm Bureau, cooperating.

BY

ANTOINE PRIMEAUX, ASSISTANT DISTRICT EXTENSION AGENT

FOR THE PERIOD FROM

JANUARY 2, 1939 TO OCTOBER 31, 1939

ELY, NEVADA

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I. AGRICULTURAL ADJUSTMENT ADMINISTRATION.

(a) 1938 Programs.

(1). Crop Program.

Under the 1938 Crop Program there was 21 cooperators receiving \$939.90 in payments. These payments covered practices in the following: planting of alfalfa, grasses, and clovers; wheat and deferred grazing.

(2). Range Program.

The range program had five cooperators receiving \$2,149.27 in payments, a total of \$3,089.17 for the county.

(b) 1939 Programs.

Organization of the Lander County ACA. The 1939 County Committee was composed of the following: F. M. Schmidlein, President; Fred Ruffle, Vice-President; Richard Magee, Joe Streshley, and E. A. Malloy, Members.

The committee took the responsibility of an education program in the district.

(c) 1939 Crop Program.

Under the 1939 Crop Program there was approximately 20 applications under the Agricultural Conservation Program and 7 wheat parity program applicants.

Under the 1939 Range Cooperators there will be approximately three ranchers with an estimated payment of \$205.62.

Reference is to be made to chart _____ following page _____ in the White Pine County Report. This chart will give comparative figures of the program in Lander County.

2. FARM BUREAU COOPERATION.

The Lander County Farm Bureau is composed of a Board of Directors with John Belaustegue, President; Martin Fillippini, Vice-President; E. R. Marvel, Secretary-Treasurer; Don P. Maestretti, and F. M. Schmidtlein, Directors.

The Assistant Agent has only worked in this county on AAA Programs. It was impossible to give any time for work other than this Program. For results see development under Agricultural Administration Program in the White Pine County Report.

Lander County, Nevada

VII. SUMMARY OF ACTIVITIES AND ACCOMPLISHMENTS

Total months of service this year	10
Total days devoted to AAA.....	12
Total days in office.....	6
Total days in field.....	6
Number of members in Lander County Farm Bureau.....	*
Number of communities where extension work should be conducted.....	3
Number of communities where extension work is conducted	3
Number of different voluntary project leaders of committeemen actively..... engaged in forwarding extension program:	
Adult Work---- (Men.... 4-H Club-- (Men....	
(Women.. (Women..	
Number of different paid local leaders engaged in AAA.....	5
Number of 4-H Clubs.....	0
Number of 4-H Club members enrolled	0
Number of different 4-H Club members completing	0
Number of farm or home visits made in conducting extension work.....	13
Number of office calls relating to extension work	13
Number of news articles or stories published	2
Number of individual letters written	56
Number of circular letters prepared	19
Number of bulletins distributed (AAA bulletins included).....	75
Number of method demonstration meetings held.....	0
Attendance of method demonstration meetings held	0
Other meetings of extension nature participated in	3
Attendance.....	15
Number of ranchers participating in AAA crop program	20
Number of ranchers participating in AAA range program	3
Number of meetings of AAA County Committee	3
Number of AAA County Committee meetings attended by agent.....	3
Number of AAA news articles prepared	2
Number of AAA farm calls	13
Number of AAA office calls	0
Number of AAA telephone calls.....	4

*See Paul Maloney's Report for Lander County.

Respectfully submitted

Antoine Primeaux
 Antoine Primeaux
 Assistant District Extension Agent

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INTRODUCTION:

With only ten months of activity in Extension Service to the Writer's credit in this district, it would be impossible to write much of the Extension Service and its work over the past twenty years. However, in such a short time of work, problems are present to the general farming and ranching situations in this district that appear to the Agent as worthy of the conscientious efforts of the Extension Service of this State and the cooperating agencies.

Mr. Townsend, Agent, who has so faithfully served the people of this district will elaborate on the extension work as covered by himself and other agents. This writer will try to present the problems of today and their effects and how the Extension Service and Farm Bureau can meet them.

1. WHITE PINE EXTENSION DISTRICT:

The White Pine Extension District as designated includes White Pine County, Eureka, and Southern Lander Counties and such valleys in Nye County where there are ranchers and farms enough to warrant any extension work. In each, White Pine, Eureka, and Lander Counties, there is an Incorporated Farm Bureau organized under the laws of Nevada. With these Farm Bureau organizations, the Extension Service cooperates.

In any County where there is an organized Farm Bureau there is a special tax levy assessed for the purpose of maintaining and operating such an organization. Because the tax revenue received from these counties is not sufficient to maintain an independent agent and office,

the three are combined into a district with an agent and assistant agent. The past three years there has not been a home demonstration agent.

Since 1932, the District Extension Office has had to administer the Agricultural Adjustment Program, The Corn Hog, Wheat and the Agricultural Conservation Programs, range and crop. These programs have brought extra work and responsibility on the agents with the result that considerable time is spent in carrying them out. The Agricultural Conservation Associations in this district of which are administered are White Pine, Eureka, Lander, and Nye Counties. To help hold expenses down, these Agricultural Conservation Associations are operated from the district offices. A full time stenographer is maintained by pro-rating the salary against all counties. Supervisors and other help needed for checking compliance and securing records are paid by each Association in which the work is carried on. County committeemen, five from each County are responsible for the program assisted by the Agent as secretary and assistant agent as assistant secretary.

During the past year, the assistant agent has had the responsibility of the Agricultural Conservation Association in this district. More will be explained in the reporting of Agricultural Conservation Association as projects in this report.

(1) WHITE PINE COUNTY:

White Pine County is located in Eastern Nevada, in an area with elevation ranging from 5500 to 6000 feet in the valleys and with mountains at elevations of 11,000 and 12,000 feet.

The principle industries of the County are mining and smelting and livestock ranching. The principle ores produced are copper, gold, silver, lead, and tungsten. At McGill, Nevada there is a large smelter which employs about 800 men, its population is about 2500. At Ruth, where the copper ore is mined from the "World's largest man made pit", there is employed 500 men and a population of about 1600 people. At Kimberly, where copper is mined by shafts and drifts, there is employed about 500 men and has a population of 1200 people. The City of Ely has a population between 3600 and 4000. The population of the rest of the County, principally made up of ranchers and a few mining camps, is about 3500. An estimate of the population of the county is 12,000.

Lund and Preston and Baker are the main centers for farming and livestock. Ely is the County seat and as the largest town has the advantage of getting more of the business.

The pay roll from the industries of White Pine, from smelting and mining, amounts to \$250,000 monthly or about \$3,000,000 annually.

The estimated annual income of the 194 ranchers in White Pine County is about \$5000,000.

(b) EUREKA COUNTY:

Once the scene of much mining activity, mostly producing lead and silver ores, Eureka County, today, is practically dependent on the livestock and farming industries of the County. The total population of the County is about 800.

Eureka, the county seat once a town of from 10,000 to 12,000 population, now has a population of about 300. The valuation of the County aside from the ranches comes from the tax from public utilities which transverse the northern end of the County.

(c) LANDER COUNTY:

Little more can be said of Lander County than of Eureka County except, that the population is somewhat larger. Lander County has two principle towns--Austin, the county seat, located in the southern end of the county and Battle Mountain, located in the northern end. Mining activities of both counties are similar.

(d) NYE COUNTY:

The areas in Nye County which are worked in by the agents are Duckwater and Carrant Creek located in the northeastern portion; Monitor, Smoky, Little Smody, Ralston and Reese River Valleys which run predominately north and south in the northern section of Nye County. Each of the valleys mentioned above has ranches located in them. The ranchers in these valleys are principally producers of cattle. Many sheep growers are located in Nye County also.

1. TRANSPORTATION AND ROADS IN THIS DISTRICT:

White Pine County has running across it from east to west, Highway No. 50; and from north to south, Highway No. 93. Also, but not yet finished, is Highway No. 6, which comes into White Pine County at Baker on the east and goes through Ely west to Carrant in Nye County, then across to Tonopay on to California. There is a spur of Highway No. 6 which goes into

Preston and Lind offering these localities an oiled highway to Ely. Highway No. 50 passes through Ely, Eureka and Austin. Highway No. 40 acrosses northern Lander and Eureka Counties.

Aside from the Federal highways crossing these counties are very good feeder roads have been built and maintained by the counties. This aided the livestock marketing situation as large diesel powered trucks hauling a trailer can transport cattle from the point of production to the markets in California, Idaho and Utah. Railroad facilities, except in northern Lander and Eureka Counties, have been abandoned the last three years, by the doing away of the narrow-gauge railroads that have served these points in the southern end of these counties for the last 40 or 50 years. White Pine County has only one railroad outlet, that being the Nevada Northern Railway Company terminating at Cobre, Nevada in Elko County, where it connects with the Southern Pacific and at Ely, Nevada.

Improved highways especially within the last three to seven years have made competition between the farmers of this locality and from outside states keener. This applies especially to the marketing of potatoes, grains, fruits and vegetables, although the latter two are very limited in this area.

In this district we find ranches which at one time played a large part in furnishing fruits and garden truck, as well as meat, to the various mining camps, where there was a great demand.

3. PROBLEMS OF AN EXTENSION AGENT:

Today the problems of an extension agent and the farmer have changed

from what they were ten, fifteen or twenty years ago. The original owner, in most cases, is gone and a new operator has taken his place. The extension agent finds him, many times, struggling along under a heavy debt, or attempting to rebuild a run-down ranch, or making new adjustments which have been caused by the drought conditions of 1931, 1932, and 1933, or trying to obtain rights under the Division of Grazing which he must have to carry on his livestock operations.

The agents of today, especially in Nevada, are responsible for the administration of the Agricultural Conservation Program which takes considerable time. In a way, this activity has broadened the field of many of the agents in making them carry on projects in alfalfa and grass cultivation and in engineering problems in water conservation, especially to improve the ranches and farms for generations to come. Agents have looked at the AAA Program from a long term view point and any practice done on the farm is for permanent value to that farm or range land.

4. 4-H CLUB WORK:

4-H Club work today is becoming a specialized field for an agent as he has to compete against other boys and girls club organizations and has to furnish activities other than the farm or home project of his club. In White Pine County there is being built a Boy Scout Camp at Success Summit which will prove a decided advantage in 4-H Club work in the years to come.

This year was the first year in which the agent has had any experience in boys' and girls' club work. The results of this year's work are not what was anticipated at the beginning of the year. Several difficulties were encountered by the agent in this year's work which, can be adjusted in following years with the result that competition and interest in 4-H Club work in White Pine County and other counties in this district will be greater.

It is noted that local leadership is a problem for a new agent, and especially one that is not familiar with the people or conditions under which 4-H Club work must be carried on. Leaders of former years hold that they have served their terms as leaders and that the younger men and women of the communities should take up this responsibility. They believe that those young men and women who have completed their college years, should act as leaders and give some of the fruits of their college years and new ideas. The agent would like to have these young men and women as local leaders, but so far the result has been that they are not yet settled and are looking for jobs or building homes and do not want to shoulder the responsibility.

The agent feels that by the proper training courses in leadership, that interest could be stimulated among these younger groups. A suggestion along this line would be to have a two weeks course offered in the different localities, Lynd, Preston, Baker, and Ely under the agent who could be aided by a specialist in this field. The training course would

give instruction in the teaching of other activities which could be worked into Clubs as handicraft, scouting, recreation, first aid, and hobbies.

It would also be a suggestion, especially now that White Pine County has as Fair and Racing Association to have incorporated in it a junior livestock show and junior fair at which 4-H Club prizes would be given for the exhibition of livestock produce, for handicraft, judging teams and articles made by members. Eastern Nevada has an Elko County Fair and State Livestock show, but the distance is prohibitive in getting animals and exhibits that far. Such a show in White Pine County would stimulate interest in livestock projects and would also stimulate interest in the Nevada State Fair which is now building up and featuring livestock projects for Club members.

(a) Baker 4-H Club:

The Baker 4-H Club was a Baby Beef Club, composed of seven members----all completing their projects. The club leader was Sylvan Warner, local Forest Ranger at Baker. The club was organized January 23, 1939.

The boys purchased their calves principally from Mr. Jack Singleton, Hereford Breeder of Baker and Gandy, Utah. Market prices were paid for the calves. The boys placed these calves on grain rations, fitting them for the Millard County Junior 4-H and FFA Clubs Livestock Show at Delta, Utah, May 6 and 7. Delta is 109 miles east from Baker, Nevada. Four of the seven calves were taken to the show. Three of the

animals did not flesh out worthy of the competition. One of the calves belonging to Francis Hesselgesser did not do well because the calf was kept alone, and because of lonesomeness would not get on feed. A calf belonging to Ray Rowley went wild and could not be broke to handle. A calf belonging to Carl Deardon was not fitted because this member changed animals during his project.

The trip to Delta was made by leader Sylvan Warner, Glen Bellander and the Agent and the following members: Francis Hesselgesser, Devon Bellander, Devon Warner, Carl Deardon, and Mr. Sims. The animals were entered in the light weight class, 600 to 800 lbs. Devon Bellander placed second, Devon Warner sixth, and Tom Sims seventh. Nine places were awarded in each class. The agent believes that this was a good showing, because these animals were not on fattening rations as long as many of the calves exhibited by the local boys from the clubs in Millard County.

The calves were auctioned off. Local markets of Ely, Nevada bid on the animals with the result that the boys were given a good price for the calves and the project showed a profit as well as a substantial prize which had been won the class exhibited.

The 4-H Club members were taken from Delta to Spanish Fork, Utah to see a horseshow and the livestock exhibits offered by the Utah State Junior Livestock Show. This show proved of excellent value in that the boys were allowed to see exhibits of cattle from some of Utah's finest herds.

(b) Lund Boy's 4-H Club

The 4-H Club organized at Lund was composed of many different projects: dairy calf, pigs, rabbits, and grain. This club had no special interest with the result that meetings were poorly attended and very little enthusiasm shown. The principle interest of many of the members was to join the club in order that they might be eligible to go to the State 4-H Club Camp and the possibility of going to San Francisco to see the Fair.

One meeting was held at which the agent showed moving pictures on grasshopper and cricket control. About thirty-five townspeople were present as well as all the members of the Club.

With the building and installation of a power plant for the town of Lund, there is a good possibility for the Extension Office to be able to show more films to all groups and especially to 4-H Clubs which will have a tendency to stimulate interest.

The following members of the Lund 4-H Clubs attended State 4-H Club Camp at Lake Tahoe: Melvin, Gubler, Alex Reid, Ashby Sinfield, Arvin Wise, and Jimmy Wakeling. No members from this Club made the trip to Treasure Island.

(c) Lund Girls' 4-H Club.

The leader of this Club was Mrs. Sybil Terry. The girls of this Club made a rag rug which was raffled off to earn money for the Girls. Members of this club were: Peggy Ashby, Anne Gubler, Ludean Hendrix, Josephine Oxborrow, Barbara Peacock, and Pauline Sinfield.

None of the members of this club attended the 4-H State Club Camp.

(d) Preston "Green Leaf" Boy's Club.

This club was composed of fifteen boys; the following number of boys carried out projects: hogs 5; dairy calves 3; home gardens 2; sheep 1; rabbits 2; potatoes 1; grain 1.

The boys held a club picnic and hike. Five boys attended 4-H Club Camp at Lake Tahoe.

(e) Preston Girls' Improvement 4-H Club.

This Club was composed of nine girls. Seven took home improvement as their project and two took sewing as theirs.

Two of the girls of this Club attended State 4-H Club Camp and one attended the Treasure Island Exposition. Betty Hermansen took first place in the health contest at Club Camp.

(f) East Ely "Spic and Span" 4-H Club.

Mrs. Koneta Dennis was the local leader of the club consisting of ten girls living in Ely and East Ely. All projects were completed. Mrs. Dennis is an excellent leader and takes a keen interest in the 4-H Club work and its possibilities in this district.

Money for the Club was raised by collecting donations at the softball games at the City Park and they also received permission to sell pop and candy at these night games. From the funds received from the sale of pop and candy, the following girls attended 4-H Club Camp: Carolyn Buttram, Dorothy Lake, Doris Barird, Helen Dillie. Carolyn

Buttram made the trip to the Fair.

The following stories were written by three of the "Spic and Span" members.

"My 4-H Club Story"

By Sue Foster.

"I am writing on the Achievement Day Picnic for White Pine County, Nevada, which was held at Lund, Nevada.

We left East Ely at about 2 o'clock p.m. and arrived at Lund about 2:45 o'clock p.m. For a few minutes after we arrived at Lund we were free to do as we wished; therefore, one of my friends and I decided to take a walk. We walked around the town for a few minutes. We saw many nice homes and gardens and also some nice horses, cows, and other stock.

When we got back with the rest of the people they were ready to start the demonstrations. Our 4-H Club demonstrated setting a formal table and another group demonstrated setting an informal table. There were many other demonstrations and also some contests. When these were completed we all played baseball for a while, after that we had a little more free time of which we all took advantage. After that it was supper time. Everyone who attended the picnic brought something for the supper and the Farm Bureau furnished watermelons for everyone. There was an abundance of foods and we all had a very nice supper.

After supper we went in the High School and had an amateur hour. We planned on having a dance after that but we decided against it so we left for home and arrived back in Ely at 10:20 o'clock.

I must not omit that the Lund People were very friendly and

and hospitable, and I am sure everyone had a very nice time.

"Achievement Day at Lund"

By Joan Brandis.

On Tuesday July 25, 1939, Achievement day was held at Lund, Nevada. We arrived at Lund about 2:45 o'clock p.m.

The first part of the afternoon was occupied with demonstrations and flower judging contests.

The East Ely girls gave a demonstration on how to set a formal dinner table. The Lund girls demonstrated how to set an informal breakfast table. The Preston Second Year girls gave several interesting talks about their home improvements. Junior Peterson won first in the seed judging contest, which was presented by the Lund boy's 4-H Club.

After that a game of baseball was played with the boys winning. Following the game of baseball, a game called three days was played for about twenty minutes.

While supper was being prepared the children enjoyed playing on the lawn.

After a lovely supper an amateur hour was held with several members from each club presenting numbers. There were also several members of the community who participated in the program.

About 150 people were present for the amateur hour. The dance which was planned was postponed on account of a dance being held on the previous evening.

A great deal of hospitality was shown by the people of Lund and a good time was had by all.

"Club Camp"

By Helen Dillie.

We left for the State Club Camp Sunday evening, July 31, 1939. We were stalled three hours between here and Eureka but another bus carried us on.

We arrived at Lake Tahoe about ten o'clock Monday evening. Monday afternoon we registered and got settled in our tents. The first camp meal was served Monday evening. From then on, including that night, I hashed. Although I have been there four time, this trip was the most enjoyable. Being in our own camp added to the enthusiasm for everyone.

White Pine County stayed at camp longer than any other county. The rest left Saturday morning and we didn't leave till Sunday morning. Saturday noon the five White Pine girls cooked for thirty-two, but that night we only had twelve. Saturday night Mrs. Buol took us all for a long ride in the truck and gave us a treat at Zepher Cave Store.

Sunday morning we were called and Mrs. Hall had our breakfast almost ready for us. We left camp at 7:00 o'clock a.m. for Reno to meet those from White Pine who had gone to the Fair. We arrived in Ely about 10:00 o'clock Sunday night on August 5, 1939.

(g) Ely Girls' 4-H Club

Under the supervision of Mrs. Lois Smith, this club was organized and the following projects were carried out: Second year cooking and sewing. Perla Edo was the only member of this Club who attended Club Camp.

(h) Kimberly 4-H Club.

This club was organized under the leadership of Mrs. C. R. Powell. This club consisted of six girls. It was organized late in the year but all completed their projects. Sewing I was the project undertaken.

(i) White Pine County Achievement Day.

This year was the first time in years that there has been an Achievement Day. The contests were held at the high school at Lund. During the afternoon, contests and demonstrations were held, followed by a ball game. At 6:30 p.m. a buffet supper and watermelon bust was served to approximately 150 people. Following the supper an amateur hour was held. Such interest was taken in this affair that next year's achievement day will prove a larger affair.

(j) State 4-H Club Camp.

State 4-H Club Camp was held from July 31 to August 6 at the new camp at Lake Tahoe. The trip from Ely was made by 19 members in a Lewis Brothers' Stage. The trip took 14 hours. This allowed for a four hour break and the necessity of the bus company having to have to transfer the 4-Hitchers to another bus.

5. FARM BUREAU COOPERATION.

The assistant agent cooperated in every way with the Farm Bureau organization in this County on their projects and program of work. Many of the projects of the organization have worked in closely with the work of the agent that it is difficult to clearly discern them. The Farm Bureau in White Pine County has helped in the presenting and encouraging all ranchers and farmers to cooperate with the ACA Program. The organization has made detailed studies on some of the practices and made recommendations as to their place in the type of farming practiced in the County.

The County organization is made up of a Board of Directors consisting of eleven members. The officers for 1939 were:

Name	ADDRESS	OFFICIAL TITLE
A. N. Carter	Lund	President
A. C. Kirkeby	Ely	Vice-President
Carl Madsen	Preston	Secretary-Treasurer
C. R. Moorman	Ely	Cattle Director
G. N. Swallow	Ely	Sheep Director
R. R. Nance	McGill	Director-at-large
J. F. Christopherson	Baker	Director-at-large
J. H. Gallagher	Ely	Director, Ely Community
Mrs. Morris Oxborrow	Lund	Nutrition Department
Mrs. George Gardner	Lund	Home Improvement
Herbert Allred	Preston	Director, 4-H Clubs

The Board of Directors has a chairman responsible for the program of work and policies of each department. The assistant agent has secured splendid cooperation from directors, especially in the promotion of 4-H Club activities.

In Lund on July 26, the Farm Bureau cooperated with the Achievement Day 4-H Club program with the result that this day turned out to be very successful.

The White Pine County Farm Bureau did much to give the start that has resulted in electrification for the town of Lund. The original program of the Farm Bureau called for electrification of the Lund-Preston area, but because of difficulties involved in getting a bond election through, this project was temporarily dropped. The present plans for the power unit to be installed is to have a privately owned and operated by Udell Gardner. The unit will not have the power output as was originally intended. However, it shall be sufficient to meet the requirements for the time being.

In Preston there is a greater interest among farmers to install a hydro-electric unit capable of about 12 Kilowatt power in combination with a Diesel unit to handle peak loads and furnish auxiliary power.

The Farm Bureau of White Pine County does not take the credit for the moves taking place in the rural electrification of Lund and Preston but it did instigate the project originally.

Projects in which the Farm Bureau cooperates with White Pine County are: Water Facilities Program; development of demonstration projects; support rigid and well planned 4-H Club projects, with the result that more interest can be had on a county-wide basis; support a county fair with the result of obtaining exhibits for agricultural exhibits and club

prizes and support the AAA Program.

6. AGRICULTURAL ADJUSTMENT ADMINISTRATION.

One January 2, 1939, the date this agent took over the work in the office as assistant secretary of the White Pine County District, it was noted that practically 90% of the applications for White Pine County had been submitted for payment. All work on the 1938 crop program had been completed as far as supervisors reports were concerned. The range program was being checked for performance.

The County ACA Committee for the year 1938 consisted of: A. N. Carter, President; Carl Madsen, Vice-President; George Swallow, C. R. Moorman, and Joe Rosevear, members; Elizabeth Jacobsen, Office Secretary, was treasurer for the Association; C. R. Townsend, Secretary; and Antoine Primeaux, Assistant Secretary. Supervisors checking compliance in 1939 under the program were James Jensen and Ezra Funk of Preston, Nevada.

(a) Range Program, 1938.

Payments were made in the amount of \$1209.37 for practices performed under the range program. Six ranchers carried out deferred grazing practices, deferring a total of 8,740 acres and five ranchers carried out reseeding practices by planting 3,410 pounds of adapted grasses and clovers on 1,105 acres.

(b) Crop Program, 1938.

Payments under the crop program amounted to \$2,901.49 with 93

ranchers cooperating. Practices performed for payment were: renovation of alfalfa,;planting of alfalfa, clovers, pasture grasses; deferred grazing on non-crop pasture land and wheat conservation payments.

(c) 1939 Agricultural Adjustment Programs.

1. Crop Program. 1939.

Under the wheat parity program, White Pine ACA has paid out \$666.52 in payments and as yet an estimated \$46.84 to be paid which will make the total parity payments \$733.36 to 61 cooperators. There were 87 wheat allotment farms in the county with 61 cooperating under the wheat program and 26 signing as non-allotment farms with 72% of the wheat allotment farms cooperating.

Under the Agricultural Conservation Program it is estimated that there will be 136 applications on 130 farms cooperating. There are 167 cooperators listed on farms and combined farms in the county. The percentage of cooperators is more than 77%.

It is estimated that there will be payments in the County amounting to approximately \$9,000.

2. Range Program. 1939.

Under the 1939 range program there will be 16 cooperators at the time of this report. It is impossible to give figures as to the performance or estimated payments.

(d) 1940 Agricultural Adjustment Program.

The State Office has indicated that the 1940 program will be a combination of the crop and range programs for Nevada with the result that the administration of the program will be simplified.

This type of program, especially in this county and district, as administered from this office has met with the approval of the cooperators. It will make it possible to check all practices under one report and make the problem of application for grants easier to handle.

(e) General.

The response to the Agricultural Program in White Pine County has been accepted by most farmers as a constructive means for them to build up their ranching units. This is shown in the number of new acres of alfalfa and grasses which have been planted in the last three years.

Ranchers are looking forward to the development of their pastures as means toward the developing of a rotation pasture system. Water developments and water spreading practices are being developed with the idea of improvements to the management of livestock.

Attached is a tabulation of payments made in all counties since 1936

7. ALFALFA RENOVATION.

Because the practice of alfalfa renovation has been included as a practice payment under the Agricultural Adjustment Program, more ranchers are taking advantage of it.

Studies made on this practice would indicate that the results do show a decided increase in the yield of the stands of alfalfa. It has had its effect in the building up of better irrigation practices which are needed in this community. In the Lund-Preston area it is indicated that there is a great shortage of hay, alfalfa, and mixed grasses which could be

WHITE PINE COUNTY ACA

1936

1937

1938

Total

Wheat Parity Payment		Crop Conservation Program		Range Conservation Program		Total Payments 1939	Crop and Range Program		Crop and Range Program		Crop and Range Program		Total
Coop. No.	Amount	Coop. No.	Amount	Coop. No.	Amount	Est.	Coop. No.	Amount	Coop. No.	Amount	Coop. No.	Amount	
62	713.37	136	9055.49	17	Est. 2488.28		Est. 12,257.14	74	3764.39	105	3107.20	103	
LANDER COUNTY ACA													
7	187.20	34	1729.83	3	205.67	2,122.52	14	4423.97	16	2191.08	23	1089.17	9,826.24
EUREKA COUNTY ACA													
9	156.97	15	1248.18	10	1125.35	2,530.50	14	1433.55	25	1231.18	25	1425.91	6,621.14
GRAND TOTAL													
78	1057.54	185	12,033.50	30	3819.30	16,901.16	102	9621.91	146	3326.30	151	6625.94	39,686.97

remedied if the yields could be increased.

8. ALFALFA WILT.

Bacterial wilt in White Pine County is becoming a menace in the stands of alfalfa. It is indicated that alfalfa renovation and irrigation practices may have some relationship to the spreading of this disease.

Studies to be made:

- Age of stands renovated.
- Time of irrigation.
- Percent of infection before renovation.
- Percent of infection before irrigation.
- Percent of infection after irrigation.
- Studies of yields on plots accompanied by check plots.

9. MEADOW IMPROVEMENT.

Meadow improvement as a project has been worked out in relation to cooperation with the Agricultural Adjustment Range Program.

Studies in White Pine County show that in 1938 there was 3410 pounds of seed sown on 1105 acres of land. In 1939 there will be an increase over this, under both the crop and range programs.

Tentative results show that the ranches on which this practice has been carried out that there is about a 50 to 75% increase in the grazing capacity on range and pasture land. In many cases where there has been any planting on mountain meadow areas, the yield in hay has been increased from 500 to 2000 pounds per acre depending on the density of sowing.

Studies in 1939 and 1940 will show:

- Acreage planted.
- Type of land sown.
- Varieties of grasses.
- Increase in grazing capacity.
- Increase in yield if on hay land.
- General effects of reseeding.

10. EROSION AND FLOOD CONTROL.

This project has not yet been developed beyond a tentative study plan. It is anticipated that areas will be designated and projects undertaken. Results should indicate:

Means of control.
Costs per project.
Costs in savings to ranches affected.

11. GRASSHOPPER CONTROL.

In 1939 there was a heavy infestation of grasshoppers in the Baker area. Ranchers asked the County Office to help them in getting in agencies for the control of grasshoppers.

The Bureau of Entomology was called upon through the State Department of Agriculture. Supervisors were sent in and surveys of infected areas were made. It was suggested that a carload of bran be shipped into White pine County. A 20 ton car of bran was ordered at 250 gallons of sodium arsenate shipped from Reno. The County Commissioners cooperated in the hauling of the bait materials to the infested areas and for the paying of the salary of a supervisor.

It is estimated that 3000 acres of land were baited with the result of 90% kill. An intensive baiting program was carried on at Mt. Moriah under supervision of the Forest Service. Baiting on this area was for the control of a range species of grasshopper.

12. SERVICE TO A STATE, COMMUNITY AND PEOPLE.

This service is felt by an agent after becoming a part of the organ-

ization which serves the farmer and farm families of the state. Much hard work, long hours, and difficult problems are encountered which consume the energies of the agents. Yet it has never been said that the Extension Agent has shirked a duty. In traveling about among the various ranchers in this district this appreciation of extension work has been expressed by all the people who have been contacted. Their problems and the problems of the agent or agents in the section. Agent Townsend will review this anniversary year by telling of the work of the agents and other people who have so faithfully cooperated and served under its various organizations. His report should be a tribute to an organization which has been as the people of Nevada.

VII. SUMMARY OF ACTIVITIES AND ACCOMPLISHMENTS

Total months of service this year.....	-10
Total days devoted to AAA.....	136½
Total days in office.....	159
Total days in field.....	55½
Number of members in White Pine County Farm Bureau.....	41
Number of communities where extension work should be conducted.....	3
Number of communities where extension work is conducted.....	3
Number of voluntary leaders actively engaged in forwarding program...	
Adult Work (Men.....	4-H Club (Men.....3..
(Women.....	(Women....4..
Number of different paid local leaders engaged in AAA.....	5
Number of 4-H Clubs.....	8
Number of 4-H Club members enrolled.....	65
Number of different 4-H members completing.....	31
Number of farm or home visits made in conducting extension work.....	217
Number of office calls relating to extension work.....	1357
Number of news articles or stories published.....	35
Number of individual letters written.....	337
Number of circular letters prepared.....	25
Number of bulletins distributed (AAA bulletins included).....	150
Number of method demonstration meetings held.....	0
Attendance at method demonstration meetings.....	0
Other meetings of extension nature participated in.....	2
Attendance,.....	300
Number of ranchers participating in AAA crop program.....	16
Number of AAA County Committee	3
Number of AAA meetings attended by agent.....	3
Number of AAA news articles prepared	22
Number of AAA farm calls.....	250
Number of AAA office calls	125
Number of AAA telephone calls	45

Respectfully submitted

Antoine Primeaux
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 Assistant District Extension Agent