

Academy Quartet Sings At Church

APPLE VALLEY, Jan. 18—Those attending the Apple Valley church service Sunday morning had the pleasure of hearing the men's quartet of the Greenleaf academy.

Mr. and Mrs. Arthur Norland, Mr. Martha Norland and Raymond Norland made a pleasure trip to Portland last week.

The WSCS will meet at the home of Mrs. Eva Leigh Wednesday afternoon, January 24. Plans will be made to attend the birthday party at Caldwell February 7.

Herb Nelson, Lefty Young, Elmer Parker, Conley Wilson and Jack Wilson made a trip to the Banks area Sunday to angle for white fish.

Mr. and Mrs. Chris Melvick of Boise were Thursday dinner guests in the Jack Reed home.

Dwight Seward, Charles Mann, Clarence Fritts, Raymond Arnold and Conley Wilson attended the annual meeting for school trustees in Caldwell Friday.

Eloise Smalley invited three of her friends from the College of Idaho home with her for Sunday dinner. In the evening, her brother, Bob took them back to school.

Mr. and Mrs. Jack Reed and son, Robert, and Mrs. Ella Stephens were Sunday dinner guests in the Chris Melvick home in Boise.

Mrs. Charles Lisle and Yvonne and Dale of Ten Davis visited in the Clarence Fritts home Friday evening.

Dr. Frank Sievers of the U. S. office of education, Washington, D. C. and Jim Fowler, state guidance director for the Idaho department of education called at the Fred Miller home Wednesday. Dr. Sievers, who lectured at Nampa Wednesday

evening and at several other towns in the valley during the week, is a nephew of Mr. Miller.

Mr. and Mrs. Lloyd Caldwell are announcing the arrival of their second great grandchild. A girl was born to Mr. and Mrs. Leon Murray of Parma early Sunday morning. Mrs. Murray is the former Vernadine Caldwell.

Mrs. Jack Reed accompanied Mr. and Mrs. Joe Dille to Boise one evening last week to attend the community concert. Mrs. Richard Barnes of Boise went with them as Mrs. Reed's guest.

Farewell Party Is Given At Big Bend

BIG BEND, Jan. 18—More than 50 guests gathered Sunday afternoon at the Wade schoolhouse for a farewell dinner in honor of Mr. and Mrs. O. O. Goodenow and Mr. and Mrs. Duane Goodenow. The Wade P. T. A. presented Mrs. O. O. Goodenow with a beautiful serving plate, and Mrs. Duane Goodenow with a pair of flower prints. The senior Goodenows plan to leave soon after their sale with their daughter for southern California. The Junior Goodenows will leave for Kansas.

Mr. and Mrs. Elmer Stradley of Nyssa visited Sunday at the Walter Stradley home.

Dorothy Stradley visited over the week-end with the Rockhill family in Caldwell.

Mr. and Mrs. Earl Hinman of Parma were Sunday guests of Mr. and Mrs. Eva Woolley.

Mr. and Mrs. C. A. Molt visited Mr. and Mrs. John Schroeder while in Caldwell Saturday.

Mr. and Mrs. Len Davis of Ontario visited Sunday with Mrs. Davis' parents, Mr. and Mrs. C. A. Molt. Mrs. Walter Stradley entered the new memorial hospital at Caldwell Friday for surgery on her foot.

Charles Hill, Mr. and Mrs. Bob Kerns, Mr. and Mrs. Dick Scott, Glenn Scott and Martin Lee of Boise Bible college attended services Sunday evening at Lower Bend. Glenn Scott delivered the message.

Kansas Visitors Here— Miss Alvena Schneider and Mrs. P. A. Broeka of Lucas, Kansas were guests of Mr. and Mrs. Omer Dorman several days last week. Miss Schneider is a life-long friend and Mrs. Broeka is a cousin of Mrs. Dorman by marriage.

Many Visit In Nu-Acres Section

NU-ACRES, Jan. 18—Mrs. Ralph Baxter attended the funeral of a friend at Caldwell Thursday afternoon.

Mrs. R. H. Johnson has been visiting her daughter, Mrs. Leon Bailey at Portland.

Mr. and Mrs. Floyd Higgins and children of Parma were Sunday dinner guests of Mr. and Mrs. D. W. Elwood.

Gary Heap of Caldwell spent the week-end with his grandmother, Mrs. Ralph Baxter.

Mr. and Mrs. Mason Morris of the Mason Auto clinic of Baker were evening dinner guests Saturday evening at the Ed Meroney home. Mr. Morris is a nephew of Mr. Meroney.

Mr. Edward has had influenza the past few days.

Sunday guests at the George Smit home were Mr. and Mrs. Z. Davidson of Parma and Mr. and Mrs. G. Groot of Apple Valley.

Mr. and Mrs. Martin Hansen, formerly of this community, have been visiting Mr. and Mrs. Roy Hansen. Naomi Riddle was an overnight guest of Elaine Roland Friday night. They and other friends attended a skating party given at Ontario in honor of Sonny Roland, who will leave soon to enter the service.

Mr. and Mrs. Ralph Baxter visited in Nampa Sunday with Mr. and Mrs. Wilbur Hilkey and returned home by way of Emmett and visited friends there.

Mrs. Ed Meroney was a Monday caller at the home of her daughter, Mrs. Bill Harm of Payette.

Mr. and Mrs. Ralph Baxter visited Mr. and Mrs. Stanley Cruse of Ontario Saturday evening.

Mrs. Sam Phillips and children of Nyssa visited Friday with Mr. and Mrs. F. A. Johnson.

Mr. and Mrs. Noel Harvey and children and Mrs. Harold Ernce and Carol of Boise visited at the H. E. Sager home Sunday afternoon.

The women of the Nu-Acres Grange served a lunch at the Grange sale last Friday.

V. L. Lett was in Payette on business Monday.

Mr. and Mrs. F. A. Johnson visited Sunday with Mr. and Mrs. Carl Petterson of Caldwell.

Several from this community made blood donations at Nyssa or at Fruitland this last week.

Mr. and Mrs. Cecil Evans, Mrs.

Oregon 4-H Winners Named

TOP ranking records in the 1950 national 4-H Achievement, Home Improvement, Girls Record and Health programs, have brought state honors to four club members.



Shirley Kurtz



Kenneth Romans



Donna Pallen



Joan Karns

Three well-balanced meals and eight hours sleep every day, are 'musts' to Shirley Kurtz, 15, of Gaston, who was tops in this year's Oregon 4-H Health improvement program. A club member for six years, she realized that following rules for good health was no simple task, but the lessons learned were of lasting value. Under her leadership definite improvement was noted in health habits of every member of her club. She participated in all planned lessons at each meeting, helping to lead the discussions. Her individual project was improving home lighting to relieve eye strain. Shirley studied care of the skin and prepared a demonstration on this subject which pleased first prize. Health demonstrations. A leader three successive years she also has held several offices in 4-H. Shirley's National 4-H Club Congress trip was provided by Kellogg Company of Battle Creek, sponsor of the program.

State-wide recognition has been accorded Kenneth Romans, 17, of Vale, for having a brilliant record of achievement in 4-H Club work. He has been presented with a pair of miniature statues by the National Committee on Boys and Girls Club Work as a symbol of his accomplishments. Kenneth has been in club work eight years, specializing in swine, beef and field crops. He has made 41 exhibits at county, state and local fairs, and has participated in 37 judging and livestock showmanship contests, consistently winning top awards. As president and leader of his club, the youth has given aid and encouragement to younger boys. He was counselor at 4-H camp, and served as president of the county-wide senior 4-H Club group, and 4-H Leaders' Council.

All of these activities are conducted under the direction of the Extension Service of the State Agricultural College and USDA co-operating.

Fry, Janice Evans and Mr. and Mrs. Lester Sutherland attended the New Plymouth Grange meeting last Tuesday evening.

Mr. and Mrs. Bill Riddle are the parents of a son born last week.

Speaks At Juntura— Mrs. W. W. Foster, county P. T. A. president, left Tuesday afternoon for Juntura, where she will speak at the newly organized Parent-Teacher association.

Food Sale Held— The American Legion auxiliary will hold a cooked food sale at the Hennemann Hardware store Saturday, January 20, beginning at 9 a. m.

Attend Gardening School— Mrs. Maurice Judd and Mrs. Carl Hill were among those from this area attending the school for gardeners in Boise Wednesday. The two-day school is sponsored by the nurserymen of southwestern Idaho and the extension service of the University of Idaho and features prominent horticulturists of Oregon and Idaho.

Returns To Portland— Mrs. Grace Thompson, who has been visiting at the home of her son, Robert Thompson, since the holidays left Wednesday for her home in Portland.

Here From South Dakota— Mr. and Mrs. Otto Bjorum of Scotland, South Dakota visited from Saturday until Tuesday at the home of Mr. and Mrs. L. E. Robbins.

Mother Visits— Mrs. Nellie Hobart of Hulett, Wyoming arrived Tuesday evening

Forces Cause Of Oil Appearance

Exclusive: The Gate City Journal BY RAY E. COLTON Geologist and Science Writer

If any oil exists beneath the areas of Nyssa and Mitchell butte, the migration of it from the originally created petroleum source beds emanating from dying marine animal and plant material would naturally have been the result of one or more earth movements during land mass adjustments, or by static pressure caused by accumulation of natural gas beneath the organic mass.

The receiving or "reservoir" rocks to which the migrating oil mass was attracted, had to be permeable as well as porous, and this was necessary, in order that the contained hydrocarbons, originating from the dying marine animal and plant life, might have freedom of movement within the reservoir, yet have no escape from it, once entombed.

Certain types of rocks, such as igneous, metamorphic and those which have been derived from granitic sources, cannot be any possible source of commercial amounts of petroleum owing to their non-porous structure. Had these types of rocks at one time have contained any oil derived from "seepage" the conditions which have altered these rocks to their present type, would have long since dissipated any petroleum which these rocks might at one time have contained.

Structures liable to contain oil here locally in the Nyssa-Mitchell butte areas of Malheur county would be either anticlinal or lenticular sand bodies, such as exist in the Mitchell butte area.

If the oil be recovered from an anticline which is described geologically as an upward arch of the beds of the earth's surface, the oil

will be found in the tops of the folds of the structure.

If the oil be recovered from a lenticular sand body it will most likely be found in the small pores or interstices of the sand body proper.

The large amount of fossil remains of various types of long vanished marine animal and plant types, known to have inhabited ancient seas once covering this area of eastern Oregon and Malheur county, and which have been found in the Mitchell butte, Rock Springs canyon, Owyhee ridge, Brown butte, etc., indicate that if the origin of oil is from these types of life, that there is a strong possibility that some oil underlies this area in general.

Natural gas, however, would be a stronger possibility and previous drilling has revealed the following potential gas zones between Nyssa and Ontario:

Zone 1—640 feet.
Zone 2—986 feet.
Zone 3—1,070 feet.

NOTE: Many types of life were at one time here and this will be discussed in another article of this series appearing as an exclusive feature in the Gate City Journal.

Called To Gresham— Dr. and Mrs. L. A. Maulding have been called to Gresham because of the illness of Dr. Maulding's uncle.

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