WORK TO BEGIN ON MEDFORD'S GREAT IRRIGATION CANAL

Million to Be Spent in Providing Water for 40,000 Acres of Rich Soil in Southern Oregon.

Medford, June 5.—With the first removal of dirt by the contractors, a canal 33 miles in length to the district, taking its waters from Little Butte creek supplemented by storage in Fish and Four Mile lakes, will be begun, which will irrigate 10,000 acres of some of the finest land in Oregon, and cost over one million dollars to build. It is planned to be finished in time to irrigate the 1921 crop.

Irrigation is a subject which has been set for the rise and the downfall of many in the Rogue River valley, and ever since the time when the pioneers of another century settled the valley, and more particularly in later years, when orchardists, recognizing the magnificent combination of climate and soil, set out hundreds of acres to fruit trees, the insufficiency of rainfall has made irrigation an obvious necessity.

OUTSTANDING FEATURES

The outstanding and recently important features of the situation are: On September 15, 1917, the Medford irrigation district was organized by favorable vote of the people under provisions of chapter 357, Laws of Oregon for 1917, shortly following which engineers were employed to make investigation as to the relative merits of the numerous projects from which it was possible to obtain a water supply. Their reports, together with exhaustive work by state engineers and scientists, resulted in the adoption of the present project, as follows:

Fish lake reservoir to store 7500 acre feet of usable water.

Canal between lakes of 90 second feet capacity, seven and one half miles in length.

Main canal Little Butte creek to Bradshaw drop, 131 feet capacity, 16 miles in length.

Main canal Bradshaw, drop to Bear creek crossing, 90 second feet capacity, 28 miles in length.

West side main canal from Bear creek crossing, with enlargement from Bear creek diversion, 55 second feet intake capacity, 17 miles in length from stream diversion to northwest corner of district.

SOIL FERTILITY PROVEN

Information furnished by the United States department of agriculture, and by representatives of Oregon Agricultural college, indicate fully the nature of soil found within the district. The predominating type is sandy, gravely and clay loams and is well adapted to the production of crops under irrigation, and past yields have demonstrated its fertility. The irrigable lands in the Medford irrigation district lie in Bear Creek valley at an elevation of 1200 to 1500 feet above the sea level, and the district includes the central part of the valley, extending from Phoenix to Medford and from Jacksonville on the west to the foothills on the east.

Approximately 95 per cent of the land in the project is improved farm land, a large portion of which is orchards in high state of cultivation, while other leading crops are alfalfa and grain.

As the lands generally slope to the north and toward Bear creek, the topography of the irrigable lands is very suitable for distributing irrigation water.

Barbers on Strike; Want Haircut Raised

Marysville, Cal., Jan. 5.—(U. P.)—Barbers went on strike here when shops refused to raise the price of hair cutting to 65 cents. Boss tonsorialists hustled single-handed on the old "four-bit" basis. Two shops, however, boosted the rates on shaving and hair cutting.

THE ancient loom illustrated

is characteristic of those on which are woven the

Atiyeh Bros.

Oriental Rugs

—and suggestive of the leisurely fashion in which Oriental Rugs are made—the unhurried working, the infinite care in choosing colors and artistically carrying out the intricate designs. Our collection is among the largest in America.

Atiyeh Bros.

Tenth and Alder

SEIBERLING-LUCAS MUSIC CO.
125-7 FOURTH STREET
PORTLAND'S BIG MUSIC STORE

DISTRICT IS PARTLY UNDER IRRIGATION

The orchard district two miles south of Medford and now supplied with a partial water right from the Phoenix mill ditch, which the Medford irrigation district will take over. These orchards were purchased at from $1200 to $2800 per acre and are making good returns on the investment.

Children Teachers, Parents Pupils Belgian Couple Learning English

Baker, June 5.—If Albin Tauverine, a native of Belgium, succeeds in gaining his citizenship papers it will be through the work of his 12 and 8-year-old daughters, native born, who are tutoring their parents in an effort to make Americans of them as well. Tauverine was examined by United States Naturalization Examiner W. F. Smith of Portland Tuesday, but was remanded for further study. He and his wife each day are given the benefit of the education that the little girls receive in the grade schools. The Tauverines have four children, all born in the United States, but neither parent can as yet speak English fluently. Examiner Smith says that American ideals evidently derived by the children from their teachers, are already being reflected by the parents, but have not yet progressed sufficiently to allow the granting of citizenship.

INDIANS MAKE BIG ADVANCEMENT IN RAISING LIVESTOCK

Through Tactful Encouragement of Uncle Sam Many Tribes Able to Support Themselves.

By Cato Sells

Washington, June 5.—The livestock activities of the Indians are among the most encouraging and substantial signs of their progress.

A few years ago a systematic cruise of the reservations was made with special reference to grazing conditions. These surveys developed the importance of constructive requirements, such as the revision of leasing contracts, the correction of overstocked ranges, water development, stock breeding, the destruction of predatory animals and fence building. Better relation has since existed between the Indian and the lessee; the water supply and the resultant carrying capacity have been greatly increased and long-standing abuses eliminated.

50,000 INDIANS RAISE STOCK

Nearly 50,000 Indians are now engaged in stock raising and their cattle, sheep and horses are worth $40,000,000. Many of the 37,000 Indians engaged in general farming are also successful stock growers. The combined income from Indian crops and livestock in 1919 was approximately $14,000,000.

Tribal herds of cattle are successfully maintained on some reservations, which, in addition to their educational and financial value, provide a market for Indian hay and supply well bred, acclimated animals for individual Indians. Such a herd was established on a Montana reservation in 1914, with a net profit to the tribe at the close of 1919 of approximatley $825,000.

NAVAJOS MAKE SUCCESS

The Navajos of Arizona and New Mexico were in the seventies owners of a few thousand sheep of inferior breed and little value for wool or mutton. A tactful approach to this singularly independent tribe showed them how to improve their stock, how results would follow in the size of sheep and the weight of the clip, and how the wool might be graded and marketed to the greatest advantage. These things, together with water development and the consequent increased carrying capacity of the ranges, have made the Navajos a successful and prosperous people. They are the native sheep herders of this country. From infancy they are acquainted with their flocks. Each boy and girl at birth is presented with a few sheep.

The Jivarilla Apaches, immediately north of the Navajos, were a despondent and dependent people when, in 1914, a band of 4000 sheep was purchased for them from tribal funds. In 1918 they numbered more than 7000 and had made an annual profit for these Indians of over 100 per cent. The Jivarrillas have become so efficient that recently their tribal herd was individualized. The biggest and best returns were educational.

NATURAL STOCK GROWERS

The successful future of many Indians depends largely upon their ability to profitably grow livestock. Their instincts prompt the love of animal life. They are shown in a practical way such things as the advantages of quality over quantity; that a few good horses are worth more than a hundred ponies and that well bred sheep and cattle are most profitable.

The Indians' recent attitude and accomplishments as herdsmen have given ample reason for encouragement. The untamed hunter of the buffalo is fast becoming a great producer of beef, mutton and wool. He is a large factor in feeding and clothing the world.

A chief aim of the Indian bureau is to make the red man a producer rather than altogether a consumer. The number of Indians who live on the bounty of the government has decreased one half in the last seven years.

Faculty for Bible School Announced

The faculty of the daily vacation Bible school to be conducted June 16 to July 7 in the Millard Avenue Presbyterian church has been announced by Miss A. E. Hollingsworth, publicity director. Principal, Miss Georgia Parker, associate secretary State Sunday School association; beginners, Mrs. Belmore of Arleta Baptist church; primary, Miss Parker; junior girls, Miss A. E. Hollingsworth of Millard Avenue church; junior boys, Rev. E. H. Mixsell of Anabel Presbyterian church; intermediate girls, Mrs. Henderson of Lents Baptist church; intermediate boys, Rev. E. A. Smith of Lents Baptist church. All adults who wish to organize a Bible study class in connection with the school may call Mrs. J. J. Handsaker, Tabor 951.

Iowa state college experimenters have developed a house with an arrangement of doors and windows that makes it suitable for hogs at all seasons of the year.

Obsequies Held for Jeremiah Birks, Who Died in Portland

Funeral services for Jeremiah Birks, who died May 21 at his home, 2175 Hassalo street, were held Monday, May 24, at the First Methodist Episcopal church. Interment was in Rose City cemetery by the side of his wife, Mary Henderson Birks, who died exactly five years previous.

Birks was born in Illinois, September 18, 1844. He was married in 1868 and the following year came to Oregon, where he resided ever since, except for five years in California. He was a well known farmer and stock raiser near Pendleton and La Grande. In 1902 he came to Portland. Birks is survived by seven of his nine children, Phoebe Ellen Burns, Albany; Roberta Margaret Birks and Lillian Maud James, Portland; William D. Birks and Roy P. Birks, Wasco; Mrs. [illegible], Portland; Mrs. Elizabeth Johnson, Bedford, Iowa. He is also survived by 12 grandchildren and five great-grandchildren.

A reservoir within a Chicago inventor's massage device permits massage cream to be applied as it is being used.

SUNDAY SCHOOLS IN STATE PLANNING FOR AN ACTIVE YEAR

Budget Is Raised to $6000; State Office Sent Out 17,996 Letters During Year Just Past.

Sunday school work in Oregon will be carried on during the coming year on a much larger scale than heretofore, according to an announcement made by the state executive committee.

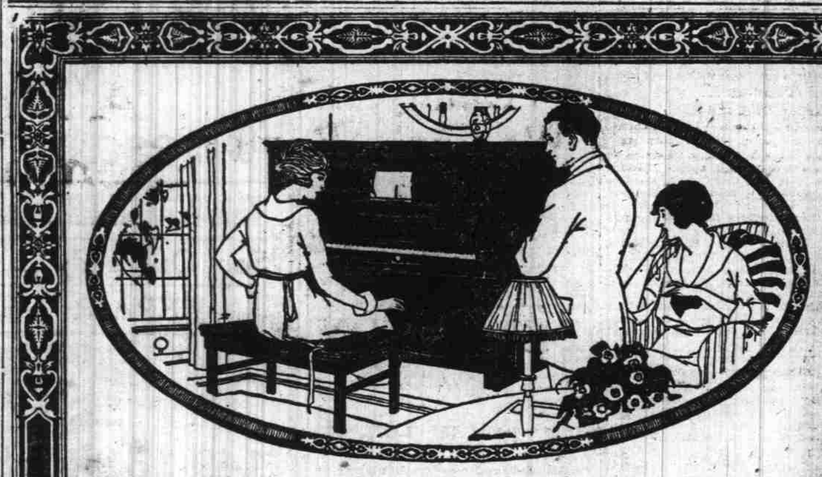
The budget has been enlarged to $6000. A general secretary to take the place of Harold F. Humbert, resigned, is to be secured, and Miss Georgia Parker will be retained as associate secretary. The committee voted to spend $750 in buying literature for free distribution and to give $900 more toward the printing and mailing of other religious literature. Of this amount Multnomah county Sunday schools are to give $2000.

During the past year the state office sent out 17,996 letters. Conventions and rallies have been held in every county in the state, except Curry county. This county combined its convention with Coos county. The annual reports of county secretaries show that the two features of Sunday school work making the most progress are missionary instruction and the cradle roll department.

Dr. George H. Young, promotion secretary for Oregon Baptists, was elected chairman of the committee on religious education. Sub-committees to the education committee are training schools and daily vacation Bible schools. Mrs. F. A. Elliott was elected chairman of the first named sub-committee and John W. Hoyt of Ashland of the other.

Miss Georgia Parker was reelected superintendent of the children's division; Miss Jane Hollingsworth of McMinnville, superintendent of girls' work in Western Oregon; Miss Ida Niven of Canyon City, superintendent of girls' work in Eastern Oregon; Harold Eakin of Salem, chairman of the young people's division committee; Mrs. T. R. Richmond of Hubbard, superintendent of state adult work; Elliton Shaw of Portland, superintendent of the administration division, and D. T. Short of Portland, chairman of the committee on finance.

Reports show six counties in the state made a record of 85 per cent or over in the efficiency standard set by the International Sunday School association. These counties are Benton, Lincoln, Marion, Tillamook, Washington and Hood River.



The Duo-Art Enables You to Play and Hear Others Play

Pianos are bought for two things; to play and hear played. The Duo-Art provides these two things as no other piano can provide them. The Duo-Art is always a piano of fine tone, responsive action and great durability.

Aside from its keyboard for regular hand-playing, the Pianola action it contains enables anybody to play it. Even those who do not know a note of music can play dances, popular songs, hymns, old favorite melodies and even the greatest classical selections perfectly and with wonderful expression.

Thus the Duo-Art allows anyone to make music himself and in this way experience one of music's greatest fascinations.

As for hearing it played, the Duo-Art does something never possible before.

It produces hundreds of selections played by the world's greatest pianists, exactly as they played them. With the aid of the wonderful artists' Record-Rolls, the Duo-Art plays for you the world's most inspiring piano music with the individual artistry of the pianist who made the record shining through each phrase. It enables you to hear Paderewski, Hofmann, Gabrilowitsch, Bauer, Grainger, Ganz, Novaes and dozens of other famous artists, as well as the best players of dance and popular music, right in your own home and as often as you desire.

The Duo-Art is the most modern of Pianofortes—indeed, it is truly marvelous!

We Cordially Invite You to Come in and Hear the Marvelous Duo Art

Sherman, Clay & Co.

SIXTH AND MORRISON STREETS, PORTLAND
(Opposite Postoffice)
SEATTLE TACOMA SPOKANE

Our Store Opens at 9 A. M. "The Store That Undersells Because It Sells for Cash" *Our Store Closes 5:30 P. M.*

¶ Mail orders receive our prompt and careful attention the same day as received.

¶ Agents for the Butterick Patterns and Delineator. All styles and sizes now showing.

Unsurpassed Values and Unlimited Varieties in

New Fabrics in Wash Goods

¶ *This is the time of the coming of pretty wash frocks for summer days and we have made preparations for such needs that will awaken the envy and admiration of every woman. Never before has fashion favored us with so many charming weaves, patterns and colorings — fabrics of dependable qualities that will make your summer wardrobe piquantly charming—and, best of all, you'll find our prices to be attractively moderate. For this sale we have*

Especially Underpriced—Several Hundred Pieces **New Dress Voiles 98c Yd.**

¶ Through a very special purchase we secured a great lot of standard quality Dress Voiles at a price concession that brings to you a splendid saving. The assortment includes a full showing of new and beautiful styles in various colors—particularly attractive are those in the dark shades. Don't fail to see these beautiful Dress Voiles. **Pay only 98c yard.**

Replenish Your Summer **Bedding Needs** From These Specially Priced Offerings — Immediately. Same Qualities Are Sure to Cost More Later

Pillow Cases

¶ Well made of fine quality bleached muslin.

42x36-in. Pillow Cases at, Each 39c

Bleached Sheets

¶ Made of standard quality sheeting and well made.

72x90 Sheets at $2.25
81x90 Sheets at $2.45
81x99 Sheets at $2.65

Bed Spreads

¶ White Bed Spreads, full size for double beds—a heavy durable quality finished with neat hem.

While They Last, at $3.95

Huck Towels White with red borders — 16x32 inches. Special Sale Price $2.75 Dozen

Turkish Towels Full Bleached and Ribbed—17x37 in.—45¢ ea. Special Sale Price $5.25 Dozen

Women's Charming **Neckwear $1**

¶ An unlimited variety of pretty, new styles to select from in Collars, Sets, Guimps, Vestees, etc. In Georgette Crepes, fine Nets, Laces, dainty Organdies and other popular effects—both white and colored effects. Every piece an unusual value, **$1**

New Novelty 5½ to 6½ In. **Ribbons $1.29**

¶ A special offering of the popular Roman stripe Ribbons for sashes and girdles for summer dresses; also light and dark Jacquard Ribbons in 6 to 7-inch widths for camisoles and girdles—sale price **$1.29**

½

Remnant Prices for Plain and Novelty Georgette Crepes—Chiffon Cloths—Silk Marquisettes—Nets—Silk Voiles, Silk Tulle, Etc.

¶ In our Fancy Goods Section we have arranged an out-of-the-ordinary sale of all remnants as listed above at

Exactly One-Half the Marked Remnant Prices!

¶ Included are all colors in plain shades and novelties in lengths from ½ to 2½ yards—all advantages are with those who come first.

Goetz Satins, 36-Inch Widths, at $3.95 Yard

¶ New mill reductions enable us to offer these justly famous Satins in a hundred colors; come in 36-inch width. Our entire stock of these Goetz Satins to be closed out at this ridiculously low price.

Silks and Satins at $5.98 Yard

¶ Also we will place on sale a fine lot of those popular WHITE SPORT CREPE silks in 40-inch widths. COLORED SILK TRICOLETTES in 36-inch width: BARONESS SATINS in black, rose and flame, 40-inch width. Your choice of these up-to-the-minute Silks and Satins at

$5.98 Yard

MEN'S SILK PLAITED HALF-HOSE 59c PAIR

¶ Another great special—Men's Silk Plated Half-Hose, with reinforced heel and toe and elastic top—all sizes in gray, white, tan, Palm Beach, green, black, cordovan, etc. This sale at only 59c a pair, or three pairs for $1.75—limit of 6 pairs to any one purchaser.

CASHMERE HALF-HOSE AT 59c PAIR 3 Pairs for $1.75

¶ A well known and reliable make—Men's Cashmere Half-Hose of first quality—all sizes in natural, oxford and black. This sale at 59c a pair, or three pairs for $1.75—limit of 6 to any one purchaser.

Every Woman Will Be Interested in These

High-Grade Corsets to Close This Sale

$3.59

Regular Values to Double This Price

Note the Assortment. Every Pair Guaranteed. Rengo Belt, Heavy Reducing, Thompson Glove Fitting, R. & G. Samples, Merite, Calma in Front Lace, Trece Surgical Elastic Girdles, Etc.

¶ Every one a tried-out Corset that our years of buying in the best markets insures gilt edge satisfaction to you. Just preceding the heavy summer demand we wish to adjust our stocks by eliminating all discontinued numbers, samples, odd lots and broken assortments—and to absolutely insure immediate disposal we have arranged to place the entire assortment on sale at

A Sensational Price Reduction—Take Your Pick From 27 Popular Models

¶ Back and Front Lace, Stouts, Slights, Average, Girdles, Sport Models, Heavy Satins, Rich Overweight Brocades, Double Batistes, Fine Weave Average and Heavy Weight Coutil, Double Strength Basket Mesh, Pekin Stripe Fancies, etc.—sizes 18 to 36. Many of the Corsets are of Fancy Brocades and cannot be replaced by us at the low price quoted for this sale—

POSITIVELY UNMATCHABLE VALUES AT..... **$3.59**

Our Store Now Opens at 9 A.M.

Roberts Bros. THIRD & MORRISON

The Most in Value—The Best in Quality

Store Closes at 5:30 P. M.

Saturdays at 6 P. M.